GCUF

Government College UNIVERSITY FAISALABAD

1st in Punjab

2nd in Pakistan

THE WORLD UNIVERSITY RANKINGS 2025



www.gcuf.edu.pk

Version 2.0

Chancellor



Sardar Saleem Haider Khan
Governor Punjab

Chief Minister



Maryam Nawaz Sharif
The Chief Minister of Punjab

Pro-Chancellor



Rana Sikandar Hayat
Education Minister Punjab

Vice Chancellor



Prof. Dr. Nasir Amin
Vice Chancellor, Government College University Faisalabad

The City of Faisalabad

Faisalabad, the Manchester of Pakistan is one of the first planned and systematic cities in the sub continent envisaged by the British Government, after the name of Sir James Lyall. Lyallpur was the first name ascribed to this fertile land of Sandal Bar. The unique bond present between the sister countries Pakistan and Saudi Arabia paved the way to rename the city after the name of our friend, late King of Saudi Arabia, King Faisal. The City is catering to the needs of more than seven million people. Agriculture and industry remains the hallmark of Faisalabad with a powerful and ever developing thrust in these sectors. Faisalabad International Airport, Faisalabad Dry Port and Industrial Zone linked with the Motorway are facilitating this hub of industrial activities.

The historical Clock-Tower with Eight Bazars designed after Union Jack, presents a magnificent example of town planning located in the province of Punjab to the west of Lahore, the provincial capital. With the proper infrastructure, road linkages Faisalabad serves as an example as district, as division and as a city for the developing world. The Faisalabad International cricket and hockey stadiums host international matches. The city has produced great leadership in the fields of politics, commerce, education, health, sports, agriculture, economy, bureaucracy and biotechnology.







History & Introduction

Government College University, Faisalabad has emerged as a leading center of learning and research in a short span of time. The University with its dynamic faculty and innovative syllabi has become a catalyst of intellectual, social and industrial change. It caters to the diverse needs of society by imparting education in almost all the major fields of learning.

The Government College University's journey started as a primary school in 1897 in the present building of Government College for Women, Karkhana Bazar, Faisalabad. It was promoted to High School and Intermediate College in 1905 and 1924 respectively. It was elevated to the degree level in 1933 and postgraduate disciplines were introduced in 1963. The long journey that started with the humble beginning reached its climax when it was granted the status of University in October 2002.

The Government University, Faisalabad has a long history of excellence and distinction as an institution. Renowned scholars and eminent personalities have served this institution in various capacities at various stages of its history. It has produced outstanding personnel who have earned great fame not only for themselves but also for the nation.

University Vision

We believe in empowering our youth with professional capabilities for enabling them to contribute towards the sustainable socio-economic progress of the country and for the greater good of mankind, regionally as well as globally.

University Mission

To enable the future generations with strong foundation of ethical standards, professional competence, social tolerance and inspiring leadership to contribute on social, economic, cultural, technological and entrepreneurial fronts for an inclusive and prosperous future.



Prof. Dr. Nasir Amin has a prosperous academic and research career in Physics at University of Agriculture Faisalabad and Government College University Faisalabad spanning over three decades. Prof. Amin earned his PhD from Quid-e-Azam University Islamabad and a Postdoctoral Fellowship from University of California - USA. He has completed several research projects including the prestigious Presidential Young Innovator award for his pioneering work on Laser induced Breakdown Spectroscopy. He has won the Pakistan Council for Science and Technology's Research Productivity Award several times, while the Pakistan Academy of Sciences honored him with the PAS Gold Medal in 2010 in recognition of his outstanding research contributions. He has authored numerous impact factor papers in international journals and has also supervised a large number of PhD, MPhil and M.Sc students. Prof. Dr. Nasir Amin is currently Dean of the Physical Sciences faculty of the University along with convening various administrative and statuary bodies of the University with his pivotal role in important academic forums of the University

Prof. Dr. Nasir Amin
Vice Chancellor

The Message

Government College University Faisalabad is a dynamic seat of learning aspiring to provide highly stimulating and conducive academic environments for quality research, formal education and professional growth. In the recent years, the university has achieved phenomenal success in research contribution and in improving the quality of education which is reflected through the meteoric rise of the institution in HEC ranking from 59th to its 7th position, The GCUF got 2nd Position in Pakistani Universities and 1st Position among the universities of Punjab Province according to Times Higher Education (T.H.E.) World University Rankings 2022 resulting in growing confidence of civil society and business community of the region.

This university is striving for academic and cultural excellence by living upto the international standards of education. We offer innovative syllabi encompassing the latest trends and approaches in the fields higher education. Our curricula inculcate creativity, objectivity and critical thinking, impart values of commitment and singleness of purpose to learning and professionalism and promote confidence, adaptability and high level communication skills in students to ensure success of our graduates in this highly competitive and challenging global world order.

We are for inter-disciplinary approach and social cohesion. We offer a wide range of courses in the fields of Natural and Physical Sciences, Information Technology, Engineering, Food and Home Sciences, Law, Pharmacy, Management and Business Sciences, Humanities, Social Sciences, Fine Arts, Bioinformatics & Biotechnology and Medical Sciences in addition to others to cater the diverse needs of social and industrial sectors of this region.

Government College University Faisalabad is deeply engaged in the challenging task of developing well-equipped labs to produce quality research in every field and in establishing a proper liaison with market and industry to ensure job opportunities for skilled graduates and young professionals. Our academia and administration place special emphasis on building an inclusive community based on inter-cultural and inter-faith harmony to produce an environment that is safe and friendly by making education a way forward to social and communal harmony and tolerance. You will find highly qualified faculty in this University dedicated to provide you excellent opportunities for intellectual and social growth.

The University comprises beautiful buildings and grounds which promise a variety of healthy, congenial and intellectually transformative opportunities necessary for nation building. This University ensures a successful and bright career for its students. It is hoped that this University will earn more laurels in future by responding to the needs of society and market. Furthermore, you are welcome to experience lively opportunities that Government College University Faisalabad offers. You are here to join a vibrant community of students, researchers, friends, teachers, mentors and intellectuals to discover your potential and abilities for creative learning.









Offices of the University







Office of the Vice Chancellor

Ph: Old Campus: 041-9200670, New Campus: 041-9203000, Fax: 041-9200671
Email: vc@gcuf.edu.pk

Mr. Faisal Waseem
Admin Officer / PS to Vice Chancellor
Email: adminofficertovc@gcuf.edu.pk

Mr. Qasim Naveed
Assistant

Mr. Atif Shahzad
Junior Clerk



Office of the Registrar

Ph: 041-9201266
Email: registrar@gcuf.edu.pk



Mr. Ghulam Ghous
Registrar



The Registrar is one of the statutory Principal Officers of the University and responsible for multifarious assignments such as maintenance of academic & administrative record, organizing statutory and other meetings, recruitment, award of scholarship and overseeing the day to day affairs of the University. The Registrar is also the Secretary of Syndicate, Academic Council, Selection Board, Advanced Studies & Research Board and Member / Secretary to other various Committees, constituted by the authorities from time to time.

The Office of Registrar at Government College University, Faisalabad facilitates and collaborates with other organs / stakeholders of the University as well as students, teaching faculty, administrative staff and public in general. Moreover, it also engages with external bodies and agencies to fulfill official obligations.

A vast array of services provided by various branches of the Office of Registrar includes:

- Registration of the students;
- Overall monitoring of internal and external affairs of the University;
- Recruitment, employment, and development of employees;
- Policymaking, record keeping and management of day to day affairs;
- Award of scholarships and provision of financial aid to the deserving students;
- Governance and implementation of curricula, academic standards, and policies;
- Organizing and keeping record of meetings of the University Statutory Bodies;
- Maintenance of Employees' record and management of personnel files of the teaching, non-teaching & administrative staff, contingent staff, project staff etc.

The Registrar Office's team at Government College University, Faisalabad, plays a pivotal role in ensuring the prosperity of employees and students within the limits of statutes, rules, and policies of the University. They are knowledgeable about the rules, regulations, policies, and practices of the University. The team members are approachable and dedicated, carrying out their responsibilities with honesty and commitment. Their effective & efficient efforts are contributing to maintaining organizational integrity with professional confidentiality & dignity.

Staff

Mr. Tanveer Ali Rana
Deputy Registrar, Establishment Branch

Mr. Atif Saleem
Deputy Registrar, Acadmic Branch

Syeda Shazia Afzal
Assistant Registrar, Students' Financial Aid Office

Ms. Saima Parveen
Assistant Registrar, Students' Financial Aid Office

Mr. Abdul Hannan Amjed
Assistant Registrar, Registration Branch

Mr. Muhammad Shahid
Assistant Registrar, Recruitment Cell

Ms. Rehana Sattar
Assistant Registrar, ACR Cell

Mr. Muhammad Aslam
Assistant Registrar, Registration Branch

Mr. Taimoor Nawaz
Assistant Registrar, Degree Verification Cell

Office of the Treasurer

Ph: 041-9200035, 041-9201573
Email: treasurer@gcuf.edu.pk

Treasurer



Vision

To deliver the quality oriented financial support services to the university faculty, students and administration by ensuring an efficient, economic and transparent financial management and reporting system.

Introduction

The Treasurer's Office established under Article 15 of the Government College University Faisalabad Ordinance 2002 (Amended Act 2004) has the mandate to:

1. Manage the property, finances and investments of the University
2. Prepare the annual and revised budget estimates of the University and present them to the Finance and Planning Committee and Syndicate
3. Ensure that the funds of the University are expended on the purposes for which they are provided

Besides the primary responsibility of management of the university's financial assets and liabilities, this office performs other functions like:

I. Maintenance of Books of Accounts and recording all the financial transactions on Modified Cash based system of Accounting in compliance with NAM (New Accounting Model of AGP) and Government of the Punjab
II. Manage the collection of fees via cash management modules by bank on real time basis
III. Manage Payroll and employee's funds of the university.
IV. Efficient disbursements to all the stakeholders in the light of prevailing rules

Staff

Dr. Jahanzaib Sultan
Deputy Treasurer

Mr. Tariq Ismail Mayo
Deputy Treasurer

Mr. Atif Ahmad
Deputy Treasurer

Mr. Muhammad Farhan Iqbal
Deputy Treasurer

Mr. Muhammad Azhar
Assistant Treasurer

Dr. Faisal Asghar
Assistant Treasurer (On Leave)

Mr. Qamar Bahadar
Assistant Treasurer

Mr. M. Abdul Salam
Assistant Treasurer

Mr. Atiq ur Rehman
Assistant Treasurer

Mr. M. Altaf
Assistant Treasurer

Mr. Muhammad Nauman
Admin Officer

Mr. Mati ur Rehman
Admin Officer

Mr. Muhammad Javed
PA To Treasurer

Office of the Controller of Examinations

Ph: 041-9201037
Email: controller@gcuf.edu.pk





Mr. Shahid Javed
Controller of Examinations

Mission

To ensuring standards of quality at Under Graduate, Graduate and Postgraduate levels, while enforcing prescribed rules and regulations of Semester and Annual Examination through reliable testing and evaluation procedures with zero tolerance towards unfair and inefficient practices in the Conduct of Examinations.

Introduction

The office of the Controller of Examinations is the custodian of students' examinations records. This office deals with the matters of students of University, Sub Campuses, Public and Private Affiliated Institutions / Colleges pertaining to Conduct of Examinations, Notification of Results, Issuance of Detailed Marks Sheets, Provisional Certificates & Verification of Transcripts and Degrees.

Examinations Department has a state of the art, reliable & transparent technological efficient and credible examination system to produce qualified and motivated professionals. Hence caters the need of the student body effectively, ensuring reliable testing and evaluation produced by the with zero tolerance towards unfair and inefficient practices. The Examinations team of this University is fully committed to contribute its visionary role for ensuring transparent and judicious assessment and providing eminence services to all stake holders though fool proof mechanism coupled with standard operating procedures devised for examination activities adhering to Rules & Regulations of GCUF and guidelines of HEC.

Following major tasks are carried out as laid down:

- To prepare and announce the calendar of examinations.
- To manage the examinations as per requirements
- Arrangements for external examiners for paper setting and evaluation of answer scripts
- Conduct of examinations / administration of assessments
- Making arrangements of answer scripts from examiners
- Implementation of decisions of hardship cases committees, unfair means committee and discipline committee
- Maintaining strict secrecy while discharging of official work
- To provide uniformity of standards attained by students of different institutions
- Preparation of results, notifications, transcripts and degrees
- Holding of Annual Convocations

Staff

Mr. Abdul Mannan
Deputy Controller of Examinations

Mr. Asam Ismail
Deputy Controller of Examinations

Mr. Zehsaan Ahmad Khan
Deputy Registrar/ Deputy Controller of Examinations

Dr. Muhammad Asrar
Deputy Controller of Examinations

Miss. Fiza Sabir
Deputy Controller of Examinations

Dr. Mehran Arshad Khan
Assistant Controller of Examinations

Mr. Muhammad Mustafa
Assistant Controller of Examinations

Mr. Muhammad Awais Saleemi
Assistant Controller of Examinations

Ms. Zainab Arooba
Assistant Controller of Examinations

Mr. Muhammad Talha Sultan
Assistant Controller of Examinations

Ms. Tehseen Zahra
Assistant Controller of Examinations

Ms. Khadija Akbar
Assistant Controller of Examinations

Ms. Ramsha Rasheed
Assistant Controller of Examinations

Mr. Hafiz Muhammad Waqas
Assistant Controller of Examinations

Ms. Asma Rafiq
Admin Officer/ Assistant Controller of Examinations

Mr. Hassan Mahmood
Computer Programmer/ Assistant Controller of Examinations

Mr. Naveed Iqbal
Admin Officer/ Assistant Controller of Examinations

Mr. Mohsin Murtaza
Admin Officer/ Assistant Controller of Examinations

Mr. Fahad Sultan
Research Assistant/ Assistant Controller of Examinations

Office of Research, Innovation and Commercialization (ORIC)

Ph: 041-9203021
Email: oric@gcuf.edu.pk



Dr. Tanveer Shehzad
Director ORIC



Vision

To excel in research with a focus on producing high quality research, innovative products, commercialization of products and develop industry linkages to facilitate researchers, faculty, and students.

Mission

To foster and strengthen the research culture at GCUF by providing research facilities and required resources to the faculty, students, and researchers.

Introduction

The University implemented R&D policy to inculcate research culture and to increase the research productivity. ORIC has been established at GCUF in line with the guidelines of the HEC for coordination, implementation, research support services and promotion of R&D policy in April 2009 with the name of Directorate of Research. The motivated GCUF-ORIC team is committed to extend all possible facilitation and assistance to solicit research plan under R&D projects funded by HEC and other national / international funding agencies, and to encourage every single innovation which stimulates the country's economic benefits. ORIC-GCUF is also creating research opportunities for academia and scholars at all levels to directly engage them with industry to create more competitive businesses and an innovative environment.

Activities at ORIC

1. To strengthen the Research & Development and Commercialization of innovative ideas at GCUF.
2. Building national and international professional network through exchange programs
3. Bridging Academia-Industry Linkage for effective technology transfer through Directorate of Industrial Linkages
4. Training and motivation of faculty through in-house professional trainings
5. Protecting Intellectual Property (IP) Rights of the researchers
6. Establishing Entrepreneurial Ecosystem to launch and promote Start-ups in the Business Incubation Center (BIC)
7. Promotion of research culture through internal Research Support Programs and Research Productivity Allowances

Steering Committee

Prof. Dr. Nasir Amin — Convener
Vice Chancellor, GC University, Faisalabad

Mr. Kashif Ashfaq — Co- Convener
CEO, ChenOne, Faisalabad

Prof. Dr. Farhat Jabeen — Member
Dean, Faculty of Life Sciences, GCUF

Prof. Dr. Asim Mahmood — Member
Dean, Faculty of Arts & Social Sciences, GCUF

Prof. Dr. Zahira Batool — Member
Chairperson, Department of Sociology, GCUF

The President, Faisalabad Chamber of Commerce (or his nominee) — Member

Mr. Saeed Akhtar — Member
Director (Operations), Rafhan Maize Products (Pvt.) Ltd. Fsd

Mr. Shah Nawaz — Member
Director (HR), United Industries (Pvt) Ltd. Faisalabad

Mr. Rafaqat Ali — Member
Director, Saffron Industries Faisalabad

Ch. Shafique Anjum — Member
CEO, Aziz Flour Mills, Faisalabad

Mr. Musaddaq Zulqarnain — Member
Chairman, Interloop, Faisalabad

Prof. Dr. Asim Mansha — Member
Director QEC, GCUF

Mentors

Prof. Dr. Mubasher Niaz (Director Research)
Prof. Dr. Mohammad Zuber (Director ORIC)
Prof. Dr. Farhat Abbas (Director ORIC)
Prof. Dr. Khalid Mahmood Zia (Director ORIC)

Staff

Dr. Muhmmad Kashif
Deputy Director ORIC

Prof. Dr. Maryam Rehman
Deputy Director ORIC (for Old Campus)

Prof. Dr. Nudrat Aisha Akram
Deputy Director ORIC (for New Campus)

Dr. Shahla Faisal
Manager Research Management (for Sciences Disciplines)

Dr. Khalid Latif
Manager Research Management (for Social Sciences Disciplines)

Dr. Muhammad Younas
Manager IT (ORIC)

Dr. Fozia Naseem
Manager IP right & Legal Services

Dr. Shahid Adeel
Manager

Dr. Haroon Kahlid (On Ex-Pakistan leave)
Manager

Dr. Kashif Zafar
Research Associate

Mr. Zahid Mehmood
Administrative Assistant

Mr. Abdul Qudoos
Administrative Assistant

Institutional Review Board

Prof. Mr. Shazia Anwer Bukhari	Convener
Prof. Dr. Humayun Abbas	Member
Dr. Malik Hassan Mahmood	Member
Prof. Dr. Rizwan Rasheed	Member
Dr. Mohsin Bashir	Member
Dr. Saima Rehman	Member
Dr. Muhammad Asghar	Member
Dr. Kashif Nisar Paracha	Member

Research Management Section: GCUF Research Projects Database

Research Management section develops programs for faculty of GCUF to produce high quality research and win national as well as international competitive grants. GCUF had won 65 research grants in the year 2018-19 and stood at the top position in higher education institutes of Punjab. Similarly, during year 2019-20 won highest number of projects among HEIs of Punjab. Not only sciences but social sciences faculty also got top cutting edge grants by writing high quality proposals. Furthermore, our faculty member won research grants from joint research support programs of Pakistan Science Foundation (PSF) and Ministry of Research and Technology of Iran, Turkey, Japan and China. The research funding earned by GCUF faculty is exponentially increasing every year and exploring new horizons.

Innovation and Commercialization

This section guides researchers to commercialize their innovations under the approved IP policies. Furthermore, it is responsible to provide startups to University students through Business Incubation Centre. Entrepreneurs and business leaders can contribute as mentors and can offer their expertise in development of entrepreneurship courses and subjects aligned with the needs of that specific industry.

University-Industry Linkages

The ORIC promotes public-private partnership through directorate of industrial linkages. Effective cooperation between institutions and industry is for mutual benefits depending upon the nature and ability of both entities. At national level, we are working in close collaboration with Saffron Pharmaceutical Industries, Ltd, Rafhan Maize Products Ltd., Power Chemicals Ltd., BioTek Ltd, Lahore, Printex Traders, Haris Dyes and Chemicals, Ali Textiles, Ltd., Kausar Processing Ltd., Masood Textiles Ltd., etc. Faculties of Pharmacy, Institute of Home and Food Sciences and Institute of Chemistry have very strong collaborations with many local industries in terms of sharing resources, training manpower and research & development.

External Linkages

The ORIC has contributed the signing of more than 46 MOUs with national and international world-renowned organizations. Among national institutes, we have built strong working relationship with higher learning institutions, industries and donor agencies especially NIAB, NIBGE, UAF, HEC, PSF, PARB, PARC, PCSIR and several international organizations including British Council, USDA, JICA, CIDA, to enhance entrepreneurship, academic and research excellence.

Intellectual Property (IP) Policy and Legal Services

IP Policy creates a supportive environment for the achievement of best practice management in the application and commercialization of products developed within the institute for the benefit of the people of Pakistan and the world at large. The purpose of this policy will be to clarify how intellectual property is to be managed by the institute. The IP Policy states position in relation to intellectual property and informs on fundamental steps that lead to the proper management, protection and/or commercialization of intellectual property. This policy is to be followed by all faculty members, researchers as well as students and the research and academic institutions with which the institution concerned may enter into agreements. ORIC-GCUF facilitates the faculty providing IP rights and legal services.

Ethical Institutional Review Board (IRB)

The responsibility of Ethical Institutional Review Board (IRB) is to undertake meticulous reviews of research proposals before submission to national and international funding bodies, to ensure that all research, especially research on human subjects, adheres to ethics guidelines.

Co-ordination with Advanced Studies and Research Board

ORIC will provide the Advance Studies and Research Board (AS&RB) an annual report describing priority areas for research for graduate studies and highlighting the research achievements of the University.






STUDENT AND TEACHER CENTRE

Business Incubation Center (BIC)

URL: https://gcuf.edu.pk/bic
Email: bic@gcuf.edu.pk



Dr. Mohsin Bashir
Manager BIC

Vision

To create the environment for business initiative for sustainable economic growth of the country.

Mission

To provide complete business support to business starter to reduce the failure chance and increase the success rate through mature mentor-ship program.

Introduction

We want to provide complete business support to business starters of Faisalabad to reduce the failure chance and increase the success rate through mature mentor-ship program. BIC GCUF consists of 20 Offices for the business incubates which have all the basic needs for the young entrepreneurs. Not only this, these incumbents are trained, guided, nurtured and mentored by the industry professionals and BIC GCUF team in order to provide them best resources and funding opportunities as well.

MOU Signing with Faisalabad Chamber of Commerce and Industry (FCCI), Korea Association of the Deaf (KAD) and Innovation District 92 (ID 92) on 03 January 2023, 30 November 2022 and 03 January 2023 respectively. WHEREAS, mutually agreed collaboration between both the parties and the purpose of these MOUs are to establish cooperation between the Parties mainly for conducting investor education and seminars for the enrolled students and to build the capacity of the Second Party through training programs for students and Faculty Members.

- Training Session by the Representative of Pakistan Stock Exchange;
- Training Session for company registration;
- Two days Industrial Expo; and
- Seven Awareness session in different departments for the motivation of young entrepreneurs

MOU Signing with National Institute of Banking and Finance (NIBAF) with Coordination of BIC, GCUF

This Memorandum of Understanding is made and executed at GCUF, Faisalabad, on 12 Feb, 2020 between the State Bank of Pakistan through its body National Institute of Banking and Finance (NIBAF) and Government College University, Faisalabad, through its Vice Chancellor.

PREAMBLE AND MAIN OBJECTIVES

The State Bank of Pakistan (SBP) is incorporated under the State Bank of Pakistan Act, 1956 (the Act), which gives SBP the authority to function as the central bank of the country. The Act mandates SBP to regulate the monetary and credit system of Pakistan and to foster its growth in the best national interest with a view to securing monetary stability and fuller utilization of the country's productive resources. Whereas National Institute of Banking and Finance (NIBAF), a subsidiary of SBP, is a premier training institute for central bankers, commercial bankers; micro and rural finance providers, and management professionals. NIBAF's credibility is well recognized for conducting both local and international training programs and information dissemination activities such as conferences, seminars, and workshops. Since its inception, it has played a pioneering role in the sphere of banking education and training, both in catering for the training needs of SBP as well as of the banking industry. In order to achieve the said objective.

The National Financial Literacy Program for Youth (NFLP-Y) has been launched by SBP through National Institute of Banking and Finance (NIBAF). The basic aim of the program is to impart essential financial education to Pakistani youth and school going children for strengthening of their money management skills and understanding of financial matters. The program will mainly target three age groups (School going Children-age 9-12 years; Adolescent - age 13-17 years; Youth – age 18-29 years) across 45 selected districts of Pakistan including GB & AJK. NIBAF aims at reaching out to 1.6 million children, adolescents and youth through classroom trainings and digital learning platform during five years i.e. 2018 – 2023.

Whereas, mutually agreed collaboration between both the parties and the purpose of this MOU is to establish cooperation between the Parties mainly for conducting investor education seminars for the enrolled students and to build the capacity of the Second Party through Train the Trainer program for its Faculty Members.

Staff

Dr. Kiran Aftab
Execution Manager, Students/Alumni Led Startups

Dr. Uzma Jamil
Execution Manager, Post Incubation Matrix

Dr. Rizwan Shabbir
Execution Manager, Faculty Led Startups

Dr. Ahsan Riaz
Execution Manager, Funding Opportunities and Industrial Linkages

Dr. Rabia Saleem
Execution Manager, Funding Oppertunity & Industrial Linkages

Dr. Muhammad Afzaal
Execution Manager, Food & Services

Mr. Waqar Aziz
Execution Manager, Technology & Innovation





LincolnCorner

Ph: 041- 9237005
Email: lc.faisalabad@lincolncorner.net



Prof. Dr. Nasir Amin
Patron



Prof. Dr. Asim Mahmood
Executive Incharge

Introduction

Lincoln Corner Faisalabad, a joint venture of U. S. Consulate General, Lahore and Government College University, Faisalabad is a center of learning, innovation and knowledge. Richard Olson, American Ambassador in Pakistan, inaugurated LC on 21/01/2014 with the objectives of promoting cultural harmony, imparting quality education and developing reading culture in the youth of the city. The center serves as a window to American art, culture science and technology. The Corner is also a great source for current, accurate and authoritative information about the United States--its people, culture, history, policies, government and institutions. Furthermore, the Space promotes learning and dialogue by conducting weekly activities and programs based on five core areas: English Language Learning, Education USA Advising, Alumni Support, Cultural Programming, and Information about America. The Center has the following resources and services:

Resources

1. Latest books and magazines
2. E-Library USA
3. US Govt publications
4. Comfy space
5. Online Education and research resources
6. High speed internet
7. Lectures, seminars, performances and presentations

Services

1. English language classes
2. elibraryUSA guidelines
3. Movie-screenings
4. Webinars and Skype lectures
5. Cultural programs
6. Fulbright and GRE orientations
7. Foreign scholarship awareness drives
8. Makie-Makie classes
9. Book reading club
10. Art and craft classes
11. CSS Club
12. IEEE lectures and Tech talks
13. Media Club
14. LCF Friends of Corner Group

Team

Kanza Umer Khan
Incharge

Dr. Ali Usaman Saleem
Co-Incharge







Students' Financial Aid Office (SFAO)

Ph: 041-9201301
E-mail: sfao@gcuf.edu.pk



Ms. Saima Parveen
Assistant Registrar
Incharge Student Financial Aid Office

Vision

The SFAO is an integral part of and partner in carrying out and actualizing Government College University's overall purpose and strategic planning. The fundamental purpose of the financial aid program is to make education possible for students who might otherwise be deprived of this higher education opportunity due to inadequate funds and /or previous limited educational opportunities.

Mission

The SFAO is primarily responsible for providing all information's, services, and assembling financial resources that are available to and/or needed by students who are attending Government College University in order to obtain an undergraduate or graduate degree.

Goals

1. Establish essential manual and automated processes to support awarding financial aid in a timely manner.
2. Award financial assistance to qualified students, according to institutional and Govt requirements and with a focus on individual student needs.
3. Establish regular communication flow between the SFAO and the students/parents.
4. Provide individual student/parent assistance in completing necessary applications and managing personal resources as they are needed to augment financial assistance in covering educational expenses.

Introduction

For smooth implementation of scholarship programs, a separate Student Financial Aid Office (SFAO) was established in Government College University, Faisalabad in collaboration with Higher Education Commission, Islamabad in 2007. The SFAO is being supervised by Ms. Saima Parveen, Assistant Registrar/ Incharge (SFAO) acts as a Focal Person for the distribution of various scholarships offered by HEC and other agencies. There are number of scholarships available to assist students with their educational expenses on need and merit basis. In addition to the above Financial Aid, Committee has been constituted by this University for the evaluation and approval of the applications submitted by the students for financial aid. One window service is also being provided to the students to avail the scholarship facilities in the Students' Financial Aid Office.

Scholarships available in GCUF

- HEC Needs Based Merit Scholarship
- Punjab Educational Endowment Fund (PEEF)
- Special Quota PEEF Bachelor Level Scholarship
- Chief Minister Merit Scholarships (CMMS)
- The Pakistan Scottish Scholarship Scheme (PS3) for Women
- Karwan-e-Ilam Foundation
- Interlope Need Based Scholarship
- Punjab Zakat Department (MORA) Scholarship
- District Council Internal Merit Scholarships of Punjab Districts.
- Pakistan, Bait-ul-Mal Scholarship
- Diya Foundation Scholarship
- Fauji Foundation Scholarship
- Sitara Group of Chemical Merit Scholarship
- National Bank Loan Scheme
- Financial Assistance from University Zakat Fund
- Prof. Ehsan Merit Scholarship (Physics Deptt)
- Prof. Asmat Ullah Khan Merit Scholarship (Urdu Deptt)
- Dr. Muhammad Nawaz Merit Scholarship (Pharmacy Deptt)
- HDF-THANKS Scholarship # 7 "Mansur Ahmed"

• Punjab Educational Endowment Fund (PEEF)

PEEF is an initiative of the Government of the Punjab . It is established with the objective of providing scholarships/ monetary assistance to talented and needy students to Bachelor and Master level students.

• HEC Needs Based Scholarship

Higher Education Commission, Islamabad, is also providing Need Based Scholarships i.e HEC Need Based Merit Scholarship for needy students to the students of Basic Sciences and Social Sciences at Under Graduate & Graduate level.

• Internal Merit District scholarship

This is a merit based scholarship offered by the District Education Officers of the concerned Districts from where a student has obtained his/her last educational certificate/degree.

•Pakistan Bait-ul-Mal Scholarship

Pakistan Bait-ul-Mal Scholarship provides funding to the morning students for the payment of University and Hostel dues to the meritorious and needy students to meet their educational expenses.

•The Student Advancement Endowment Fund (SAFE)

PEP Foundation made an initial donation to the University to support the principal of SAFE. SAFE account will be utilized only for the sole purpose of awarding scholarships to needy students and for capacity building projects/programs for the direct benefit of students. The funds will be treated as endowment principal money and will not be used for any other purposes under any circumstances.

Students received any other financial assistance/scholarship and/or admitted on bench fee cant' apply for another scholarship.

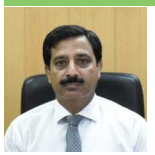






Office of the Estate Care

041-9201167, 041-9203025
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Prof. Dr. Naeem Iqbal
Estate Care Officer -II



Dr. Nadeem Sabir
Estate Care Officer -I

Vision

To operate and manage the University Estate such that it is clean, comfortable, maintained and sustainable place for students, teaching, non-teaching staff and visitors.

Mission

To deliver high quality estate and support services which fulfil the needs and aspirations of students and staff.
We are striving to provide wide range of co-ordinated services to create an environment which supports the University academic mission. Our aim is to maintain and develop a clean and beautifull environment and to provide physical services in a professional, efficient and cost effective manner to enable the University to fulfil its mission.

Staff

Dr. Fahad Ramzan
Assistant Estate Care Officer -I

Mr Hashim
Assistant Estate Care Officer -I









Public Relations Office

Ph: 041-9201038
pro@gcuf.edu.pk



Mr. Zeshan Ahmad Khan
Public Relations Officer

Public Relations Office, Government College University Faisalabad coordinates and collaborates with the international and national print and electronic media. It covers the academic, research curricular, co-curricular activities of GCUF community in the media. It also issues press release keeping in view the stance of the institution regarding any query as and when required. The PRO office also maintains coordination among the academic and non-academic departments of the University and facilitates the general public regarding the steps taken by the University for the betterment of it community. The PRO also acts as the spokesperson for the institution. This office plays its pivotal role in developing and strengthening a strong bond of GCUF community with our media fraternity.



Mr. Rizwan Ahmad
Protocol Officer
Media Consultant





Office of Resident Auditor

Ph: 041-9201229
Email: auditor@gcuf.edu.pk



Mr. Mishal Akram (PA & AS)
Resident Auditor

Vision

To Serve the University Interest By transparent and effective Pre-Audit

Mission

To deliver quality service to all faculty members, administrative staff and students of this university by improving financial reporting in accordance with Standards provided under New Accounting Model (NAM) and to act as a catalyst in enforcing transparency and use of public resources.

Mandate

- To pre audit the bills of all kind of expenditure incurred by University.
- Verification of Financial Statements of University
- Vetting of Utilization Reports.
- Verification of pay fixations & leave Accounts.
- Member of Campus Construction Committee, Central Purchase Committee and Central inspection committee.
- Providing Financial Advice on any matter as desired by Vice Chancellor office, Registrar office and offices of the University



Staff

Muhammad Idrees	Assistant
Shahid Sultan	Research Officer
Mr. Abu Bakar	Daftri
Mr. Muhammad Khalid	Naib Qasid

Information Center

Ph: 041-9200886, 041-9200066
info@gcuf.edu.pk

Information Center is working in the University with the mission to provide accurate information & guidance to the students and staff of the University as well as to the general public. A person can obtain any sort of public information like regular admissions, private admissions, available degree programmes/courses, vacation, enrollments, advertisements, affiliated colleges etc., during the Office Hours either through telephone, email or by visiting the center personally.



Staff

Mr. Taimur Nawaz Cheema
Assistant Registrar

Affiliation Cell

Ph: 041-9201889
Email: affiliation@gcuf.edu.pk



Prof. Dr. Rizwan Rasheed
(Convener)

The Affiliation Cell deals with the affiliation of colleges (Government/Private) to GCUF; within the jurisdiction of Province of Punjab. The Affiliation Cell makes all type of correspondence with the colleges regarding Affiliation. Furthermore, the summaries of visit reports of the Affiliation Committee are processed and notifications of affiliation are issued to the concerned Colleges after approval of the Competent Authority.

Affiliation Committee

The Affiliation Committee is constituted under the provisions of Government College University, Faisalabad. Ordinance 2002. The Affiliation Committee visits the colleges desirous to get them affiliated to Government College University, Faisalabad and submits its report to the Competent Authority regarding infrastructure, faculty, laboratories etc. for the grant of affiliation. The following are the members of Affiliation Committee.

Staff Committee

Prof. Dr. Faisal Maqbool Zahid
(Member)

Prof. Dr. Rizwan Ullah Kokab
(Member)

Prof. Dr. Muhammad Hidayat Rasool
(Member)

Dr. Muhammad Irfan
(Member)

Mr. Zeshan Ahmad Khan
(Secretary)



OFFICE OF THE Youth Developement Center
UNDERGRADUATE STUDENT OFFICE

Ph: 041-9203024
Email: drrizwan@gcuf.edu.pk

The Youth Development Center (YDC)

Undergraduate Student Office

Phone # 041-9203043
Email: ydc@gcuf.edu.pk

Youth Development Center (YDC)
Undergraduate Students Office
Students Services At One Place

INTRODUCTION

The Youth Development Center (YDC) – Undergraduate Student Office has been established by the University in the June 2021, under the directions of the Higher Education Commission, Islamabad. The main objective / purpose of this center is to meet the policy requirements for providing support services to all the undergraduates in the following areas:

- **Internship**
  i. Placement
  ii. Career Counselling

- **Practical Learning Labs**
  i. Clubs
  ii. Societies
  iii. Associations
  iv. Sports
  v. Entrepreneurship

Staff:

Prof. Dr. Rizwan Rasheed
Officer Incharge / Focal Person
Youth Development Center (YDC)

Dr. Farhan Saeed
Coordinator, Entrepreneurship
Tenured Associate Professor, GCUF

Dr. Bilal Aslam
Coordinator, Practical Learning Labs
Tenured Associate Professor, GCUF

Rizwan Javed
Assistant

Ahsan Jillani
Daftri








Facilities & Services



IT Services Division

Ph: 041-9200207
Email: its@gcuf.edu.pk





Prof. Dr. Mariam Rehman
Professor/Chairperson
PhD



Mr. Hassan Mehmood
Manager IT Services

Mission

To provide, maintain and manage the IT infrastructure of the University and Sub-Campuses and to facilitate all the departments in educational and training activities relevant to Information Technology. The following facilities are available at the campus

Campus Management Solution

Designed to promote paperless university administration. It is unique and comprehensive software. Its features allow users to maintain academic history of students with complete transparency in records and provides a medium for teachers, staff and administration to work in harmony.

- Admin Portal
- Dean, Chairperson & Faculty Portal
- Student Portal
- Examination Portal
- Registration Portal
- Hall Council Portal
- Distance Learning Education Portal
- Layyah & Sahiwal Subcampus Portal
- Fee Portal
- DSA Portal
- Online Admission, Attendance, Results
- Online Salary Slips
- University Community College Portal
- Affiliated Colleges Portal
- Student & Faculty ID Cards Printing

Video Conferencing

The University Video Conferencing provides the facility to take online lectures, seminars, conferences, thesis defense from both national and international universities.

Digital Library

To facilitate research in the University, HEC has provided access to digital libraries. A programme has been formulated to provide researchers and students with access to latest, authentic literature from high quality journals, database and articles covering a wide range of disciplines.

Digital Book Bank (dl.gcuf.edu.pk)

The University digital book bank is developed through the sole effort of University's IT Services Department. It contains over 25000 e-books for different fields of interest, downloadable software and virtual lectures videos.

Wireless and Wired Internet Facility

The University has the credit of being the first university using hi-end intelligent Wi-Fi system. The wireless setup comprises modern state of the art technology which is both robust and resilient. The IT Services Department provides 24/7 internet access.

Future Plan

With the kind directions of worthy Vice Chancellor, IT Services has planned to establish state of the art Data Centre, Video Conference Halls along with complete IT infrastructure at New Campus GCUF which will enable all the academic and administration to utilize the IT Services. A contract between PERN, HEC and GCUF has been signed to provide internet connectivity at new campus.

Facilities & Services

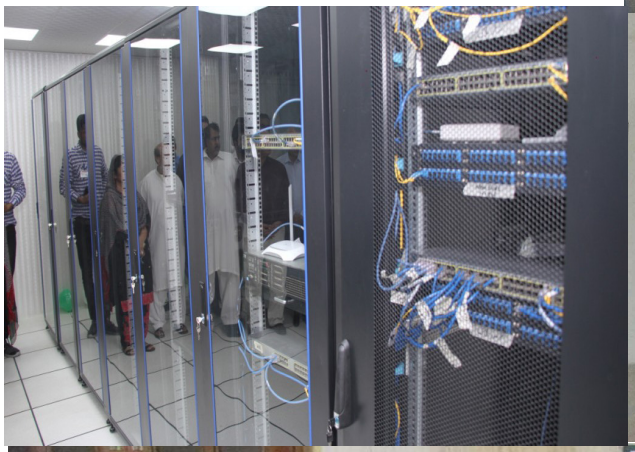
Officers

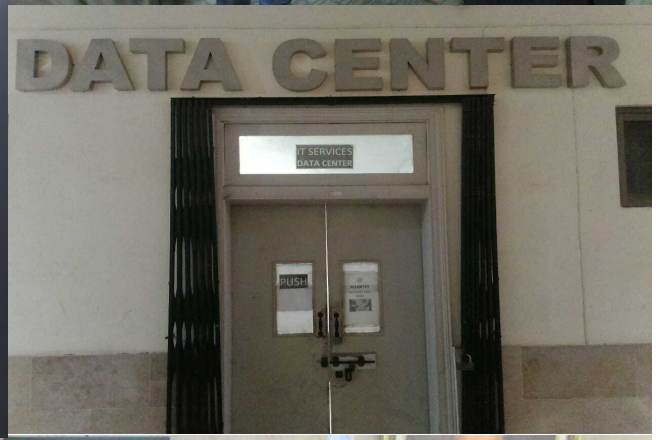
Ms. Azka Khalid	Computer Programmer
Ms. Ayesha Khalid	Computer Programmer
Mr. Munawar Raiz Ahmed	Computer Programmer
Mr. Muhmmad Ahmad Aftab	Computer Programmer
Mr. Rana Laique Ahmed	Computer Programmer
Mr. Imran Arshad	Computer Programmer
Mr. Haider Ali Raza	Computer Programmer
Mr. Zain Ul Abdin	Computer Programmer
Mr. Hafiz Usman Bashir	Computer Programmer
Mr. Muhammad Nasir Jamil	Computer Programmer
Mr. Moeen Qureshi	Computer Programmer

Staff

Mr. Karim Jawad	Lab Engineer
Mr. Farhan Shafqat	Lab Engineer
Mr. Imran Bashir	Lab Engineer
Mr. Mohsin Ali	Network Engineer
Mr. Asad Ali	Computer Operator
Mr. Naveed	Computer Operator
Mr. Waqas Khursheed	Technition
Mr. Muhammad Saleem Sajjad	Lab. Assistant
Mr. Nadeem Riaz	Lab. Technition
Mr. Naveed Aslam	Lab. Technition
Mr. Asad Ali	Data Entry Operator
Mr. M. Waseem Azam	Lab. Attendant
Mr. Muhammad Arsalan	Lab. Attendant
Mr. Mubashir Ahmed	Skilled Worker
Mr. Tehseen Irshad	Skilled Worker
Mr. Farhan	Skilled Worker
Mr. Nadeem Latif	Skilled Worker
Mr. Muhammad Nadeem	Naib Qasid
Mr. Muhammad Saad	Naib Qasid









Library

Ph: 041-9201563
Email: library@gcuf.edu.pk



Prof. Dr. Muhammad Kaleem Khan Khosa
Coordinator Libraries



Mr. Muhammad Tariq Latif
Incharge Officer Libraries



Mission

To achieve excellence in the provision and promotion of information services to meet the research, teaching and learning needs of the University.

Goals

To promote intellectual growth and creativity by developing collections, facilitating access to information resources, teaching the effective use of information resources and critical evaluation skills and offering research assistance by providing excellent service to students and faculty that will advance each user's learning, teaching, and research experience at the Government College University Faisalabad

Introduction

The University Libraries act as a gateway to information and knowledge and are engaged in learning and discovery as essential participants in the educational community. These help to develop, organize, provide access to and preserve materials to meet the needs of present and future generations of students and scholars. These provide well-equipped and functional physical spaces where students can pursue independent learning and discovery outside the classroom.

Collections

The GCUF Libraries have about 108,956 books (volumes) and 5400 thesis in well organized manners consisting of rare editions, reference volumes, critical guides, latest releases, large collection of research journals, periodicals, magazines etc. and daily newspapers. We subscribe competitive journals, from all over the world to meet the needs of students, faculty members and researchers. These libraries always welcome the students and teachers of the other educational institutions of the city with the permission of the competent authority.

Organization of Materials

Dewey decimal classification scheme is being used for the classification of books. Anglo American Cataloging Rules (AACRII) is followed in the cataloging process. Online cataloguing process of the library material is in progress and the catalogue of about 89,171/ books is available online.

Libraries have open shelf and users have free access to the library materials. Computers with access to library resources and the Internet facility are available in all the libraries. Sources for search are available to all university community in the form of catalogs, licensed library resources and websites. The rules and regulations of the library use are available on the University website.

Lincoln Corner Faisalabad, a joint venture of U. S. Consulate General, Lahore and GCUF was inaugurated by Richard Olson, American Ambassador in Pakistan, on 21/01/2014 with the objectives of promoting cultural harmony, imparting quality education and developing reading culture in the youth of the city. The Corner is a great source for current, accurate and authoritative information about the United States--its people, culture, history, policies, government and institutions. Furthermore, the Space promotes learning and dialogue by conducting weekly activities and programs based on five core areas: English Language Learning, Education USA Advising, Alumni Support, Cultural Programming, and Information about America. The Center has the following resources and services.

1. Latest books and magazines
2. E-Library USA
3. Online Education and Research Resources
4. High Speed Internet & Comfy Space
5. English language classes
6. Movie-screenings, Webinars and Skype lectures
7. Cultural programs and Art and craft classes
8. Fulbright and GRE orientations
9. CSS Club and IEEE lectures and Tech talks
10. CF Friends of Corner Group

Name of Libraries

1. Main Library (H-Block)
2. Fatima Jinnah Library
3. Allama Iqbal Library
4. Education Department Library
5. Engineering and Computer Science Division Library
6. Faisalabad Institute of Fashion & Textile Design Library
7. College of Law Library
8. College of Pharmacy Library
9. Psychology Department Library
10. Quaid-e-Azam Block Library
11. University Community College Library
12. Zoology Department Library
13. English Department Library
14. Computer Science Library

Library Staff

Dr. Sakhawat Ali	Asst. Professor (OPS)/Incharge
Mr. Muhammad Ashfaq	Sr. Librarian
Miss Anila Shamim	Sr. Librarian

Central Hi-Tech Lab

Ph: 041-9203013
Email: chtl@gcuf.edu.pk



Prof. Dr. Nasir Amin
Executive Director/Vice Chancellor



Dr. Adnan Ali
Director

Introduction

Central Hi-Tech Lab has been established in Iqbal Block in 2014 at New Campus, Government College University Faisalabad. Central Hi-Tech Lab provides the opportunity to the scientists, researchers, students from Government College University, other Universities and R & D sections of the industries and non-government organizations for analysis in the field of biological, material, chemical and physical sciences.

Objectives

The main objectives of the Central Hi-Tech Lab are
- to provide assistance to promote scientific research in the university and other private organizations
- to provide platform for faculty members, researchers and students for hand-on trainings on different state-of-the-art instruments.

Administration and Staff

Dr. Khalid Mahmood
Additional Director/ Tenured Associate Professor

Engr. Tallataf Rasheed
Research Officer

Ms. Sana Javaid
Research Officer

Dr. Mudasir Majeed
Research Officer



Mr. Muhammad Asim Lab Attendant
Mr. Muhammad Sahid Lab Attendant

Section Incharges

1. XRD Powder
Dr Adnan Ali , Tenured Associate Professor, Department of Physics.

2. XRD Single Crystal
Dr. Muhammad Jawad Saif, Tenured Professor, Department of Applied Chemistry

3. LCMS and FPLC
i. Dr Muhammad Rizwan Javed , Tenured Associate Professor, Department of Bioinformatics & Biotechnology
ii. Dr Saima Rehman, Assistant Professor of chemistry

4. ICP-MS
i. Dr Adnan Ali, Tenured Associate Professor, Department of Physics
ii. Ms Tallataf Rasheed, Research Officer, Central Hi-Tech Lab

5. HPLC and AAA
i. Dr. Qasim Ali, Tenured Associate Professor, Department of Botany

6. TGA/DSC and DMA and Rheometer
i. Dr. Zumaira Saddique, Assistant Professor of chemistry
ii. Ms Tallataf Rasheed, Research Officer, Central Hi-Tech Lab

7. FTIR and UV-Visible
i. Dr. Kashif Javaid, Assistant Professor, Department of Physics
ii. Ms Sana Javaid, Research Officer, Central Hi-Tech Lab

8. Atomic absorption Spectrometer and Elemental Analyzer
i. Dr Khalid Mehmood, Tenured Associate Professor, Department of Physics
ii. Ms Sana Javaid, Research Officer, Central Hi-Tech Lab

9. GC/ GC-MS
i. Dr. Mudasir Majeed, Research Officer, Central Hi-Tech Lab

Facilities Available

Chromatographic Section
(GC-MS/MS (Triple Quadruple), HPLC, GC-FID, Amino Acid Analyzer)

Spectroscopic Section
(FTIR and UV-Vis Double Beam Spectrophotometers)

Crystallography Section
(XRD Powder, XRD Single Crystal)

Elemental Analysis Section
(AAS, ICP-OES, CHNS)

Material Science Section
(Rheometer, DMA, DSC-TGA, Shear Tester)

SOPs for Analysis

Download the relevant form, filled and submit the charges for the analysis in the bank.
Submit the dully signed and verified (from supervisors/ chairperson) form along with paid voucher and samples to the office of Central Hi-Tech Lab.

Central Hi-Tech Lab

Ph: 041-9203013
Email: chtl@gcuf.edu.pk











Hall Council

Ph: 041-9239122
Email: hallcouncil@gcuf.edu.pk



Prof. Dr. Tayyaba Sultana
Chairperson Hall Council

Mission

To provide the secure, peaceful and healthy life style living to the female students coming from far flung areas to quench their thirst of knowledge.

Introduction

Presently University Hall Council consists of thirteen girl's hostels, three situated in the main Campus (Hall Council I) and ten in New Campus (Hall Council-II, III, & IV), having residential capacity of about 4000 students.

Keeping in view, the growing demand of accommodation, for the students coming from far-flung areas, the two new hostels under Hall Council-IV has become fully functional. Almost fifty percent of the girl students of the university belong to different areas which are very far from Faisalabad. Parents of these students always seek secure and peaceful residence for their daughters. Understanding this need, addition of new girl's hostel is the prime focus of the University Administration.

One Superintendent and one to two Assistant Superintendents are appointed from the regular female faculty of GCUF in each Hall, who reside in the respective hostel with the students to look after them and facilitate in various matters. Room Attendants are available in morning and evening shifts to facilitate the students and hostel administration. All hostels are provided with the facility of Mess, run by the mess committee of students under the supervisory control of Superintendent, Hall Warden and Chairperson University Hall Council. Facility of internet connection is also provided to the students for their smooth study and research work. In case of medical emergency, University ambulance service is available to take the students to the hospitals and now the facility of medical center has been established within the both campuses of the university. Round the clock security guards are deputed on the gate for the protection of students. The University transport for facilitating students to travel between both campuses of the university is available. Students residing in the hostels have to strictly follow the rules and regulations made by Hall Council office. All the dues have to be paid in time. If any student is found in violence of any disciplinary or financial rules, her admission may be cancelled by Chairperson Hall Council with confiscation of all types of deposited security if required.

Admission Process

Admission of students in the hostels is purely on merit basis based on distance of their home district from Government College University, Faisalabad. Student at the time of applying for online admission have to mention their consent for hostel admission. After securing her admission, an application has to be submitted on printed Admission form duly recommended by the chairperson/Incharge of the department concerned in the office of Hall Council Chairperson/Warden. Admission form may be obtained from the same office with the deposit of Rs. 300/-.

Hall Council I (Main Campus)



Prof. Dr. Mariam Rehman
Warden

Ayesha Hall
Dr. Rameeza Khalid — Superintendent

Federal Hall
Ms. Sadia Naz — Superintendent

Khadija Hall
Ms. Zartaisha Kayinat Javed — Superintendent

Hall Council II (New Campus)



Prof. Dr. Zahira Batool
Warden

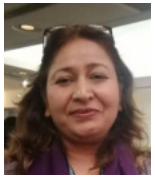
Fatima Hall
Ms. Aneesa Shamim — Superintendent
Dr. Naila Iftikhar — Asst. Superintendent

Hajra Hall
Dr. Fozia Gillani — Superintendent

Zainab Hall
Dr. Rohina Bashir — Superintendent
Dr. Ishrat Fatima — Asst. Superintendent

Amna Hall
Dr. Samreen Gul Khan — Superintendent
Ms. Saira Manzoor — Asst. Superintendent

Hall Council III (New Campus)



Prof. Dr. Mehar un Nisa
Warden

Rabia Hall
Dr. Tazeen Rashid — Superintendent
Ms. Tehseen Zahra Naqvi — Asst. Superintendent

Maria Hall
Dr. Sarosh Iqbal — Superintendent
Ms. Benish Ali — Asst. Superintendent

Ruqayya Hall
Dr. Nusrat Parveen — Superintendent
Ms. Khadija Akbar — Asst. Superintendent

Marryam Hall
Dr. Fozia Naseem — Superintendent

Hall Council IV (New Campus)



Prof. Dr. Nudrat Aysha
Warden

Syyida Maimoonah Hall
Dr. Saima perveeen — Superintendent

Syyida Hafsah Hall
Ms. Anam Shehlzadi — Superintendent







Transport

Ph: 041-9330026
Email: transport@gcuf.edu.pk



Prof. Dr. Muhammad Ibrahim
Transport Officer

The University runs a fleet of buses for facilitating students to commute between different campuses of the university. All buses are deluxe and high capacity. Students can board a bus after showing the bus pass to the bus in-charge, which is issued to him/her in advance.

Transport facility is allotted on semester basis for students admitted for regular programme for the duration of regular academic session. It is generally not provided after the end of academic session for any purpose like summer school/reappear examination/make up examination/PEP classes etc.

Normally timings for University Bus to arrive at the University Campus is 7:45 a.m. unless otherwise announced by the University. All rights of permission to avail the transport facility are reserved with the University and can be denied to any student. No student is entitled to claim this facility as a matter of right. Transport facility is being allotted on First Come First Serve basis. Four new buses have been added in the pool to facilitate the staff and students.

Staff

Mirza Asad Pervaiz
Assistant-Transport Office









Security

Ph: 041-9200669
Ph: 041-9203012







Dr. Abid Mahmood
CSO-Main Campus, Community College & FITFD



Prof. Dr. Muhammad Asghar Jamal
CSO-New Campus

Directorate of Security is performing 24/7 duties for protection & maintaining discipline and integrity of the Government College University Faisalabad along with safety of students, staff, faculty and premises of buildings and areas. Security surveillance is managed by latest monitoring CCTVs, frequent Quick Response Force and patrolling and check points as well as observation posts. Security staff also help Directorate of Students Affairs for managing the events and functions. The directorate ensures the security students and staff at hostels, building blocks, cafeterias, residential colonies etc. This directorate provides safe services during travel of female students in buses from one campus to other campuses. This directorate is equipped with latest weapons, walkie talkie sets, CCTV control rooms, as well as walk through gates and other related devices. Two Chief Security Officers (CSO) are working at Main & New Campuses along with a force of trained security personals.

Staff

Mr. Muhammad Aslam	Security Officer
Mr. Safdar Ali Shah	Security Officer
Mr. Muhmmad Waseeem Shahbaz	Assistant

Health Services





Dr. Muhammad Afzal
Deputy Chief Medical Officer

Government College University, Faisalabad has two well established Medical Health Centers with a team of qualified medical doctors in old & new campuses. Health Care Centers are equipped with two functional dedicated ambulances, 06 beds & supportive paramedical staff. University Health Care Centers provide first aid services & outdoor medical facilities to students, employees & their families. Emergency cases are referred to DHQ & Allied Hospitals on university ambulance. Staff members & their families are facilitated at Health Care Centers for routine & emergency cases. University provides services to refer the university employees for outdoor & indoor medical treatment from government /private Hospitals on the panel of university. Health Care Centers have been playing an active role since COVID-19 pandemic by providing services, like vaccinating the students, staff & families. Health Care Centers arrange camps for EPI programmes for residential colony of university on monthly basis. Health Care Centers play role in recording & maintaining health profiling of students under the instruction of Government of Punjab. Medical Fitness certificates are issued to newly appointed staff of university. Outdoor & indoor medical reimbursement facility is provided through medical Health Care Centre under the supervision of medical reimbursement committee. Health Care Centre also looks after the admission of quota based disable students. Health Care Centers provide services to university athletes throughout the year. Furthermore, Health Care Centre has been honored to provide medical facility in flood affected areas.

Staff

Dr. Misbah Ishtiaq	Senior Woman Medical Officer
Dr. Sadaf Muneer	Woman Medical Officer
Dr. Mehr Muhammad Sufian	Medical Officer
Dr. Mehwish Ameen	Women Medical Officer
Shahid Pervaz	Junior Clerk
Muhammad Ali Asif	Dispenser
Muhammad Mubeen	Dispenser
Shahzad Ahmad	Dispenser
Muhammad Bilal	Naib Qasid
Shahid Sattar	Naib Qasid
Junaid ur Rehman	Naib Qasid
Shazia Naz	Girls Room Attendant
Javeria Mannan	Girls Room Attendant

Facilities & Services

University DayCare Center

Ph: 041-9330026
Email: transport@gcuf.edu.pk



Prof. Dr. Zahra Batool
Focal Person



Dr. Fouzia Naseem
Incharge

Mission

The GC University Day Care Centre provides high-quality childcare services for the children of university students, faculty, and staff. Our mission is to support work-life balance while fostering a stimulating environment for children's growth.

>Empowering Working Parents.
>Enhancing Child Development.

Features

- Safe, secure, and hygienic environment
- Qualified, experienced, and caring staff
- Age-appropriate activities and play areas
- Regular updates for parents through parents staff meetings

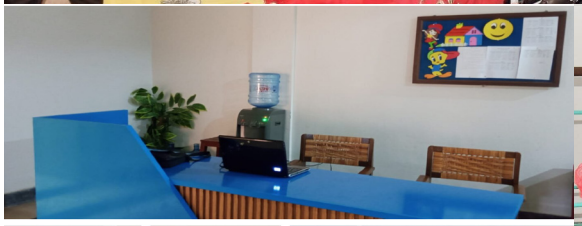
Programs

- Early childhood education
- Arts, crafts, and music
- Outdoor play and physical activities
- Storytime and literacy development
- Social-emotional learning

Objectives

- Foster cognitive, social, emotional, and physical growth
- Encourage curiosity, creativity, and exploration
- Develop social skills and friendships
- Prepare children for preschool and beyond















Masjid



Masajid existed at gcuf provide five times pray in a day and also juma pray. The masjid located at new campus offers facility of namaz travi, religious events, teaching and preaching of Quran



Banks







Auditorium



Canteens







Directorates



Directorate of Academics

Ph: 041-
Email: diracad@gcuf.edu.pk



Prof. Dr. Salma Sultana
Director

Mission

Our mission is to provide a transformative learning experience that nurtures intellectual curiosity, fosters a passion for lifelong learning, and equips students with the skills and knowledge needed to excel in their chosen fields. Through a diverse and inclusive academic community, we aim to cultivate leadership qualities and a sense of social responsibility in our students. By promoting innovation, research, and collaboration, we strive to make a positive impact on local and global challenges, addressing the needs of society and contributing to its sustainable development.

Vision

Our vision is to be a leading academic institution that empowers students to become well-rounded, innovative, and socially responsible global citizens. We strive to be at the forefront of cutting-edge research and education, driving positive change in society and contributing to the advancement of knowledge in various disciplines. By embracing technological advancements, fostering creativity, and promoting critical thinking, we aim to shape future leaders who will positively influence the world.

Introduction

Government College University Faisalabad is striving hard for promotion of standard of education and research culture. Directorate of Academics was established in 2010 in line with the guideline of HEC to collaborate with the academic departments for development, review, and monitoring of academic curricula & research in line with International best practices, market needs and to ensure their effective implementation at the University level.

Main Tasks

- Lead the development, review, and enhancement of the university's academic curriculum, ensuring alignment with accreditation standards, disciplinary requirements, and emerging trends in higher education.
- Collaborate with faculty members, academic departments, and external stakeholders to design and update the curriculum to meet the needs of students and the demands of the job market.
- Foster a culture of teaching excellence by organizing and facilitating faculty development programs, workshops, and training sessions on innovative teaching methodologies, assessment practices, and student engagement strategies.
- Develop and implement academic policies and procedures in line with institutional goals, national regulations, and accreditation requirements.
- Foster strong relationships with students, faculty, staff, and external partners to promote collaboration, address academic concerns, and enhance the overall academic experience.
- Represent the university in academic forums, conferences, and professional networks to stay updated on current research, trends, and best practices in higher education.

Mentors

Prof. Dr. M. Zubair Siddiqui (Late)
Prof. Dr. Farhat Abbas
Prof. Dr. Zahira Batool
Prof. Dr. Salma Sultana
Prof. Dr. Tayyaba Sultana

Staff

Prof. Dr. Salma Sultana	Director Academics
Ms. Robbia Gulnar	TA/ Office Assistant (study Leave)
Mr. Irfan Ali	Junior Clerk
Mr. Arshad Mahmmod	Daftri



Directorate of Undergraduate Studies

Ph: 041-9200584
Email: dugs@gcuf.edu.pk



Prof. Dr. Gulam Murtaza
Director

The Directorate of Undergraduate Studies (DUS) was established in 2012 in order to maintain the complete record of the Undergraduate students from admission till completion of degrees. The Directorate maintains the record file of every student admitted in undergraduate programs of 60 departments of 8 faculties. The Directorate also manages the students' issues of enrollment, re-enrollment, freezing, de-freezing and other relevant academic matters.

The purpose of the Directorate is to help students achieve academic success by providing extensive academic advisory services and support. Accordingly, the Directorate works with faculty to establish and administer academic policies, assists with undergraduate curriculum developments and reviews, and supports proposals for new and revised undergraduate programs and courses through various approval processes. The Directorate is also responsible for assisting students with degree and career planning as well as providing support and tutoring services to the students intending to get admissions in various disciplines.

Note: The Student will submit SSC/ HSCC Certificate duly verified from IBCC within their first semester and it will be pass of their student file. In case of any issue of verification of certificate, their admission will stand cancelled.

Staff

Dr. Asif Zahoor	Deputy Director
Dr. Tajammal Rashid	Deputy Director
Dr. Nadeem Saeed	Deputy Registrar
Mr. Muhammad Usman	Admin Officer



Directorate of Advanced Studies

Ph: 041-9200431, 9203049
Email: das@gcuf.edu.pk



Prof. Dr. Hazoor Muhammad Sabir
Director



The Directorate of Advanced Studies has been established to stream line the functioning of different programmes that have been either already launched at all academic disciplines or to be launched in near future. This Directorate has been given the mandate to facilitate all the graduate and post-graduate students for their admission, enrollment, approval of supervisory committees, approval of synopsis, approval and organization of defense of synopsis and thesis. The Directorate of Advanced studies has also been entrusted with the task to prepare and recommend new rules and procedures to further strengthen and improve the academic discipline in the light of different directives and precedents of Higher Education Commission (HEC) of Pakistan. This Directorate is striving hard and burning mid night oil for achieving excellence and ensuring authenticity, transparency, competitiveness and timely completion of all degree programmes within the stipulated period. We are confident, optimistic and sincerely hope that the incoming students for higher studies in GC University, Faisalabad shall find pleasant and learning environment at the campus and shall also find their alma mater quite conducive and helpful for completing their study work and doing post-graduate research work.

Staff

Mr. Atif Saleem
Deputy Director

Dr. Muhammad Imran Arshad
Deputy Director

Dr. Shehzad Rasool
Admin Officer

Abrar Hussain Shah
Teaching Assistant

Abdur Rehman
Junior Clerk

Qasim Shahzad
Junior Clerk

Shabnum Firdous
Room Attendent

Jibran Shafiq
Naib Qasid



Directorate of Quality Enhancement Cell (QEC)

Ph: 041-9200036
Email: qec@gcuf.edu.pk



Prof. Dr. Asim Mansha
Director

Keeping in view the globalization and economy based knowledge, Quality Enhancement Cell (QEC) was established in 2006 at Government College University Faisalabad under the instructions and guidelines of HEC Pakistan. It's main purpose was to enhance, maintain and monitor the quality of higher education.

Vision

The Vision of the Quality Enhancement Cell Govt. College University Faisalabad is to become a benchmark in Quality of Research and Education.

Mission

The Mission of the Quality Enhancement Cell is to ensure and enhance the Quality of Higher Education and Establishment of Research Oriented Environment at the University so that the students can play a vital role in the development of our mother-land "Pakistan".

Activities

As the QEC is responsible for obtaining excellence in education and research to enhance public confidence in the quality and standard of the degrees awarded by the university, the Cell develops the Quality Assurance Process and Evaluation Methods by the following activities round the year

- Self-Assessment Reports (SAR)
- Institutional Performance Evaluation (IPE)
- M.Phil./Ph.D. Review
- HEC Score Card
- National and International Rankings
- Co-opted member of different statutory bodies of university like, Board of Studies, Academic Council, Advanced Studies and Research Board, Finance and Planning Committee, Selection Board and Syndicate

Achievements

- QEC, GCUF has the membership of all renowned international organizations related to Quality Enhancement and Quality Assurance of Educational Institutes like The Talloires Network, QEC-Network ((Network off Quality Enhancement Cells off Pakistani Universities, Asia Pacific Quality Network (APQN), Quality Assurance Agencies of Islamic World (IQA) and Pakistan Network for Quality Assurance in Higher Education Institutions (PNQAHI).
- Government College University Faisalabad always secured highest positions in National and International Rankings

1. Times Higher Education Young University Rankings 2024

GCUF has been ranked at 181 in Times Higher Education Young University Rankings 2024, ranked 3rd in Pakistan and 1st in Punjab.

2. Times Higher Education World University Ranking 2024 (Asia) University Ranking 2024

GCUF has been ranked at 201-250 in Times Higher Education World University Ranking (Asia), ranked 5th in Pakistan and 1st in Punjab.

3. QS Asia University Ranking 2024

Government College University Faisalabad stood at 13th position in Pakistan and 261-270 in Asia Universities in QS Asia University Rankings.

4. Times Higher Education (T.H.E.) World University Rankings 2024:

601-800 in Worldwide Universities
2nd Position in Pakistani Universities
QS Asia University Ranking 2023
Government College University Faisalabad stood at 14th position in Pakistan and 301-350 in Asia Universities.

6. Times Higher Education (T.H.E.) World University Rankings Asia 2023:

Government College University, Faisalabad stood on 136 among all universities of Asia. Government College University, Faisalabad is 3rd top Universities in Pakistan and ranked as 2nd top University Punjab.

7. Times Higher Education (T.H.E.) Young University Rankings 2023:

Government College University, Faisalabad stood on 151-200 among all best universities of the World and 5th top Universities in Pakistan

8. Times Higher Education (T.H.E.) World University Rankings 2023:

501-600 in Worldwide Universities
2nd Position in Pakistani Universities
1st Position among the universities of Punjab Province

9. QEC conducted 3 days training workshop on 'PREPARATION OF SELF-ASSESSMENT REPORT & COURSE FILES FOR AFFILIATED COLLEGES' ON NOVEMBER 28-30, 2023.

10. The Quality Enhancement Cell, Govt. College University Faisalabad conducted Two Days Training Workshop on "Preparation of University Portfolio Report" 2023-24 on February 22-23, 2024..

11. The Quality Enhancement Cell, Govt. College University Faisalabad conducted One Day seminar on "Role of QEC and importance of Sustainable Development Goals at

HEIs on June 13, 2024

Staff

Dr. Shabana Naz	Deputy Director QEC
Dr. Muhammad Saeed	Deputy Director QEC
Dr. Muhammad Waseem Bari	Deputy Director QEC
Mr. Sheikh Muhammad Aamir	Deputy Director QEC
Ms. Tahira Rasheed	Coordinator QEC
Mr. Fazal-ur-Rehman	Coordinator QEC
Mr. Saleem Khalid	Data Analyst
Ms. Arzue Liaqat	Research Assistant
Ms. Sozia Atta	Computer Operator







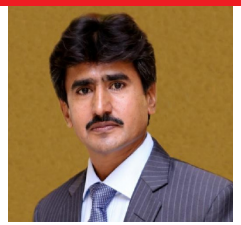






Directorate of Planing & Development

Ph: 041-9203005; 041-9201570
Email: dir.pnd@gcuf.edu.pk



Prof. Dr. Muhammad Iqbal
Director

The Directorate of Planning and Development was formally established in Government College University Faisalabad in the year 2006. Since its establishment, this directorate is striving hard to make this institute a state-of-the-art university. All development plans are prepared by this Directorate after needs assessment and consultation of consultants as well. These plans are submitted to funding agencies like HEC, HED, MPA/MNA's grants, Alumni, and own sources for administrative approval. This directorate has prepared many PC-Is, business plans of the university, PSDP, PC-IVs, etc. Since its establishment, the PC-Is of about more than Rs. 10.00 billion have been prepared and out of these development projects of about Rs.4.00 billion have been approved and executed. It has recently been strengthened further by the Worthy Vice Chancellor by deputing three more Deputy Directors and two Assistant Directors.

The Campus Construction Committee (CCC) is the Apex body and final authority for administrative approval and technical sanction of all development projects at the University level. This directorate under the dynamic supervision of the worthy Vice Chancellor has been getting approval of different mega projects like "Development of New Campus Government College University, Faisalabad Phase-II" with a capital cost of Rs: 1124.461 million and another project of Chiniot Campus with a capital cost of Rs. 1676.561 million has been approved by HEC, and is being executed. The revised PC-I of the project "Establishment of Campus of Government College University, Faisalabad at District Chiniot" amounting to Rs. 2016.425 million has also been sent to HEC and approved by Pre-CDWP. Moreover, the work on the project titled "Establishment of Sub-Campus of Government College University, Faisalabad at Sammundri" has been approved in ADP 2021-22 with a Capital Cost of Rs. 398.309 million, and is in progress with full swing.

The classes at Chiniot and Hafizabad sub-campuses have already been launched. The Concept Paper of "Development of Government College University, Faisalabad Phase-III has also been submitted to HEC/ PHEC for approval.

Objectives

The major objectives of the Directorate of P&D are

1. Preparation of PC-Is for short and long term development projects of the university.
2. Getting approval of designs/ drawings of different development projects from HEC in consultation with the respective consultants.
3. Assisting Project Directorate office in preparation of activity and work plans.
4. Assisting Project Directorate for focusing on quality and accelerated development of the projects.
5. Ensuring timely release of funds from funding agencies.



Staff

Prof. Dr. Muhammad Asghar Jamal — Deputy Director
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Professor, Department of Botany
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Engr. Muhammad Ibrahim Khan — Deputy Director
Assistant Professor
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Assistant Professor, Department of Economics
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Mr. Atta Mehroz — Assistant Director
Research Officer,
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Engineering Cell

Ph: 041-9203005; 041-9203037
Email: projectdirector@gcuf.edu.pk



Engr. Muhammad Ibraheem khan
Project Director



Mission

The mission of Engineering Cell is to provide engineering and technical solutions that are responsive to our department needs in an innovative, cost effective, professional, quality service manner. We will accomplish this by utilizing our common values and in achieving our department. objective of having you as a satisfied department.
Engineering Cell is a professional engineering department that deals with the design, construction , project management ,construction management and maintenance of the physical and naturally built environment, including public works such as roads, sewage systems, pipelines, structural components of buildings.

Objectives

-Preparation of detail estimate and shop drawings
-Monitering the consturctions projects with professional skills and legal requirements -
-Monitering of compliance with various legal requirements and other regulations.
-Choosing the right constructions Strategy or method for the situations.
-We believe everyone embracing the values of the engineering cell will do what is best for the department.
-We treat everyone with dignity and courtesy.
-We recognize the potential for teams to produce superior results over what team members could achieve as individuals.
-We believe people must work in an environment where they feel enabled to make decisions that contribute to department satisfaction and performance of the engineering cell.
-We recognized everything we do as a process that can be eliminated, simplified or improved.
-We deliver what we promise to each other and to our department.
-We delight our department by exceeding their expectations.

Functions

-Prequalification of contractors and consultants.
-After the selection of contractors and consultant works carried out in according with approved
annual works plan.
-To prepare the detail estimates on requisitions received from different dept. during the year.
-The estimate and drawing of all work get approved from campus construction committee after the approval of budget by planning and finance committee of university.
-Priorities the work with the approval of Vice Chancellor.

Staff

Engr. Muhammad Zubair	Assistant Engineer (Civil)
Engr. Muhammad Yasir Aziz	Assistant Engineer (Civil)
Engr. Muhammad Asad Masood	Assistant Engineer (Civil)
Engr. Hafiz Muhammad Bilal	Assistant Engineer (Civil)
Engr. Muhammad Ammad Aslam	Assistant Engineer (Civil)
Engr. Muhammad Faisal Zulfiqar	Assistant Engineer (Electrical)
Engr. Ureeba Ashfaq	Assistant Engineer (Electrical)
Mr. Muhammad Shehzad Sadiq	Assistant

Projects Completed in F.Y 2022-23

1. Construction of Sports Facilities / Multipurpose Hall / Gymnasium at New Campus Government College University, Faisalabad
2. Construction of Motor Pool and Allied Infrastructure at New Campus Government College University, Faisalabad
3. Construction of External Development for Chiniot Campus Government College University Faisalabad
4. Construction of boundary wall for the scheme titled “Establishment of Sub-Campus of GC University, Faisalabad at Sammundri”.

Ongoing Projects in F.Y 2023-24

1.Construction of Advance Studies Block, Day Care Center and Administrative departments at Main Campus Government College University, Faisalabad
2. Construction of Dr. Arif Ali Zaidi Block at Main Campus, Government College University, Faisalabad
3. Construction of 12 Nos. Three Bed Apartment Category “C” at New Campus Government College University, Faisalabad
4. Construction of 12 Nos. Two Bed Apartments Category “CA” at New Campus Government College University, Faisalabad
5. Construction of 12 Nos. 10 Marla Employees Residences Category “HB” at New Campus Government College University, Faisalabad
6. Extension of Physics Department (Phase-I) at Main Campus Government College University, Faisalabad
7. Construction of 02-Nos. Academic Blocks for Chiniot Campus Government College University Faisalabad
8. Construction of 01-No. Hostel Block for Chiniot Campus Government College University Faisalabad
9. Construction of Admin Block, Mini Sports Complex, Residences and External development for Chiniot Campus Government College University Faisalabad
10.Construction of Academic Block for the scheme titled “Establishment of Sub-Campus of GC University, Faisalabad at Sammundri”.










Directorate of Procurement and Inventory Control

Ph: 041-92001030
Email: dpic@gcuf.edu.pk



Prof. Dr. Tayyaba Sultana
Director, Procurement & Inventory Control /
Convener Central Purchase Committee

Mission

- To be a leading office, driven to exceed our fellow colleagues' expectations, to procure innovative and high-quality, cost-effective items by observing all codal formalities,
- To provide services adding value and improvement in support of GCUF success,
- The procurement team is fully committed to act strictly in accordance with the prescribed rules and procedures to serve the University as responsible and law abiding incumbents with integrity, utmost care and dedication in the best interest of public,
- To create & provide conducive working environment which foster pride, dignity, respect, job satisfaction and career growth of whole team.

Staff

Mr. Fahad Nazir
Branch Incharge DP & IC /
Secretary, Central Purchase Committee

Mr. Mahmood-ul-Hassan
Assistant Accounts Officer

Mr. Muhammad Sufian
Assistant

Mr. Sakhawat Ali
Store Keeper



Directorate of Students' Affairs

Ph: 041-9201634
Email: dsa@gcuf.edu.pk



Dr. Muhammad Sheraz Arshad Malik
Director

Directorate of Students' Affairs (DSA), Government College University, Faisalabad (GCUF) is working successfully under the dynamic leadership of worthy Vice Chancellor and the kind supervision of Dr. Nadeem Sohail, Director Students' Affairs. It instills the spirit of confidence and enhances self-esteem among students. It aims at showcasing and pruning the personal as well as social traits of students through a range of Co-curricular activities. Moreover, it inculcates team work and leadership qualities by enabling them to keep pace with changing dynamics of national and global perspectives. It broadens their vision and widens their approach towards knowledge, understanding and management. Furthermore, it sharpens their theoretical, analytical and practical abilities. The prime focus is not only on the active participation of students in various activities but also on providing them with the platform to express themselves through workshops, seminars, competitions, awareness drives, lectures, festivals and conferences which ultimately lead to character building of the students. The directorate also caters to the financial assistance of deserving students based on meritocracy. In addition to all this, DSA works hard for the maintenance of discipline in all the university student functions i.e. conferences, seminars, workshops, convocations and celebrations along with the day to day matters of the University. Twenty one different societies working under the umbrella of DSA have won 117 positions alongwith 14 team/champion trophies in the academic year 2019-2020.

1. Jinnah Debating Society
Jinnah debating Society aims to promote and improve the art of speech and debate among students. Workshops and seminars are organized to improve speaking skills of students, build their strength and confidence level. JDS provides an opportunity to the young speakers of University to present their thoughts logically and confidently in front of the audience.

2. Abdul Rauf Khalid videography Society
Abdul Rauf Khalid Media Club has been working in university to simultaneously promote the art of video creation, on camera acting among students and encourage the young actors and film-makers to share a message innovatively in the form of short films, documentaries and advertisements.

3. Manzoor Ul Kaunain Naat and Qiraat Society
Dramatic and Performing Arts Society participated in different expos, cultural festivals and competitions by presenting Dramas and Mimes. The purpose of this society is to instill self-confidence in students. This society focuses on the projection of intra-inter communal tolerance and harmony through the different performances and scripts

4. Dramatics and Performing Arts Society, GCUF
This society represented University not only in Qiraat and Naat Competitions but also contributed actively in organizing relevant religious activities in the University.

5. Abdul Sattar Edhi Blood Donation Society, GCUF
"One who has saved a life, saved the whole humanity" (Al-Quran) This society is intends to help the students and employees of University by ensuring the provision of blood in the hour of need. Many blood donation camps and seminars have been arranged under the supervision of Incharge, blood donation society. The purpose is to spread awareness about the importance of saving a life by donating blood, as we believe that no deed is better than saving a life.

6. Rover Scouts Society, GCUF
Rover Scouts Society is contributing efficiently in training the students of University for scouting and other relevant welfare activities. Scouts participate in Desert Hike, Snow Hike, Inter University Championship and Punjab rover moot.

7. Nusrat Fateh Ali Khan Music Society, GCUF
Nusrat Fateh Ali Khan Music Society is working for the enrichment of performing arts like sufi and folk music among the students to make them more peaceful and responsible members of society.

8. Writer's Club, GCUF
Abdul Rauf Khalid Media Club has been simultaneously working in university to promote the art of video creation, on camera acting among students and encourage the young actors and film-makers to share a message innovatively in the form of short films, documentaries and advertisements.

9. Culinary Society, GCUF
Culinary Society, GCUF has been mastering the students in cooking and baking skills since years. It has been encouraging them to invent different ways of preserving food for a long time.

10. Horticulture Society, GCUF
This society promotes the relationship of human beings with nature. It arranges many activities related to flower exhibitions.

11. Institute of electronics & electrical Engineering (IEEE)
Institute of electronics & electrical Engineering is an international society of engineers with it's headquarter in New York. IEEE-GCUF is a student branch with the aim of creating awareness among the students about the latest trends in technology.

12. Beaconite Quiz Society
Beaconite Quiz Society provides a viable forum for students to discuss and share national and international happenings. It induces among students' prevalent trends in politics, art, socio-economic sphere, culture as well as religion and history.

13. GCUF Adventure Club
Adventure club has a mission to improve the talent and personality of the students through activities like camping, hiking, trekking and travelling. These activities educate the students in discipline, team work, social tolerance, sense of sacrifice and service to humanity.

14. Painting Society
15. Calligraphy Society
16. Cultural Society
17. Green Youth Movement Club
18. Fashion Designing Society
19. Character Building Society
20. Handicrafts Society





Staff

Dr. Muhammad kashif Javaid	Deputy Driector
Dr. Saima Rehman	Deputy Driector
Dr. Asif Farooq	Admin Officer
Mr. Asif Ali	Junior Clerk
Mr. Rizwan Akram	Naib Qasid
Mr. Qasim Raza	Naib Qasid

Jeh'd 19

It happened first time in the history that Government College University Faisalabad hosted first all Pakistan competitions under the title "Jeh'd 19" .April 09-11, 2019 were marked
in calendar for this event, with the theme "Struggle for Unbounded Creativity" under the umbrella of Directorate of Students' Affairs.
The event was an assemblage of more than 30 different competitions which targeted students of 80 different universities of Pakistan. It not only proved to be a baseline for the youth to prove their worth in their respective mode of interests, but also contributed to avail the opportunity of diverse social, endemic and healthy interaction.
This three days long-struggle was to find creativity and boost imagination of students of various universities of Pakistan. Two hundred different teams, comprising of more than 600 student participants made up to Jeh'd 19 To make these three days even more interesting, arrangement of Sufi music night to enjoy folk music, and Dinner for participants, was arranged. GCUF hosted Pakistan's grand Mushaira with more than 15 different famous names in poetry and not to forget, Pakistan's legendary poet, Anwar Masood presided the evening. On top of all of it, entry was free for participants and all students and faculty of GCUF. That resulted as a jam packed auditorium. Director Students
Affairs and his team entailing of 20 societies, has set a high mark as a milestone for coming years. Jeh'd is now an annual event of university, which will happen every year and Dr. Nadeem Sohail, along with his passionate team, is ready to take it to next level.



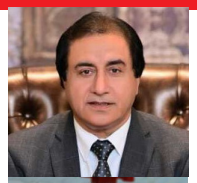






Directorate of Sports

Ph: 041-9201228
Email: directorsports@gcuf.edu.pk



Prof. Dr. Nasir Amin
Chairman Sports Board



Mr. Zeshan Ahmed Khan
Director Sports

Introduction

The Directorate of Sports was established on 23-Oct, 2003, when the Govt. College Faisalabad, was granted the status of GC University, Faisalabad. It has produced eminent professional players like, Mr. Shahbaz Senior, best Hockey player of the World.

Mission

Close Collaboration and healthy competitions within the Departments of the University and participation of GCUF Sports team in All Pakistan Inter-Varsity Sports Competitions, under the auspicious of Higher Education Commission Islamabad, to promote Sports activities at various levels.

Objectives

- To provide National and International Players for promotion of Sports at University and National Level.
- Capacity Building of Players both Male and Female.
- Organize Training Programs for students, separately for Male and Female Players.
- The awards of Cash Prizes and Sports Scholarships to encourage the budding student players, who win medals at Inter-Varsity and National Championships.
- Create healthy environment in the campus through Sports activities.
- Organize Sports Competitions among the Departments and award the Certificates and Trophies to the Position holder players.

Participation at HEC Competition

Male Games

Cricket, Foot Ball, Hockey, Volley Ball, Basket Ball, Hand Ball, Kabaddi, Athletics, Rifle Shootings, Wrestling, Tug of War, Chess and weight lifting.

Female Games

Cricket, Foot Ball, Hockey, Volley Ball, Basket Ball, Hand Ball, Athletics, Rifle Shootings, Wushu, Taekwondo, Karate, Judo, Jujitsu, Table Tennis, Badminton, Net Ball, Cycling, Squash, Chess and Tennis.

Participation at HED Competition

Male Games

Cricket, Foot Ball, Hockey, Volley Ball, Basket Ball, Badminton, Table tennis, lawn tennis, Squash and Athletics.

Female Games

Cricket, Foot Ball, Volley Ball, Basket Ball, Badminton, Table tennis and the Athletics.

GCUF Organized Inter-collegiate Competitions

Male Games

Cricket, Foot Ball, Hockey, Volley Ball, Basket Ball, Hand Ball, Kabaddi, Badminton and Athletics

Female Games

Cricket, Foot Ball, Hockey, Volley Ball, Basket Ball, Hand Ball, Badminton and Athletics

Directorate of Sports

Mr. Ishfaq Ali	Deputy Director
Ms. Nabila Kauser	Female Coach
Mr. Sumaira yasmeen	Gril Game Instructor
Mr. Noor Nabi	Cricket Coach
Mr. Aamir Masood Sahi	Hockey Coach
Mr. Mubashar Khan	Athletics Coach
Mr. Hafiz Rehan Anwar	Sports Trainer
Mr. Muhammad Latif	Foot Ball Coach
Mr. Nadeem Ahmad Khan	Hokey Coach

Achievements of Sports In HEC Kamyab Jawan Sports Gala 2021-2022

Govt. College University Faisalabad got the following positions in HEC Kamyab Jawan Sports Gala.

1- Hockey (Men) Winner
2- Cricket (Men) Runner Up Zone-E
3- Badminton (Men) 6th Position Final Round
4- Volley Ball (Women) Pre quarter final
5- Badminton (Women) Quarter Final
6- Athletics (Men) 01 Bronze






GCUF
22nd Annual Athletic Meet




DEPARTMENT OF FOOD SCIENCE
Dept. of
Food Science
Annual March Past 2024


GCUF
STATISTICS
PEACE FOR PALESTINE
PEACE FOR PALESTINE
PEACE FOR PALESTINE
PEACE FOR PALESTINE
PEACE FOR PALESTINE

Directorate of Distance Learning Education

Ph: 041-9201110
Email: ddle@gcuf.edu.pk



Prof. Dr. Babak Mahmood
Director



Vision

Distance Learning Education is designed to provide commendable role model in academics, professionalism, operations and services rendered by using innovative technologies and methodologies assuring with quality by converging of existing formal education systems for convenience of massive human resource which is required for promoting integrated national development and global understanding.

Mission

Distance Learning Education is based on state of the art facilities and effective technologies to provide accredited, very affordable, accessible and well equipped learning opportunities with blessings to those students; who are incapable to attend the traditional, on-site regular campus classes due to issue of time, space and money or other social distancing aspects.

Introduction

Distance Learning Education is evolved as an alternate or parallel to the formal education system after an increasing realization that it is not perfectly coping with the educational needs and demands of the rapidly growing young population. The demand for education in Pakistan through formal education system is consistently run ahead of resources owing to the bulk of their young population. Therefore, remains educationally defined, and there are failing the demand in formal education system; the need of non-formal education in various disciplines becomes evident in concept of Distance Learning Education.
Distance Learning Education helps to:

1. Cope with the rapid increasing demand of education,
2. Provide mass education at reasonable and low costs,
3. Acquire education at any stage of their life and,
4. Boost up the professional development of working people on their job place.

Objectives

The main objectives of Distance Learning Education are to:

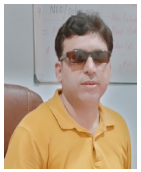
- Enhance the teaching and learning process through the use of innovative educational technologies.
- Supporting and training of faculty, staff, and students in the use of Distance Learning Education technologies.
- Assist faculty in the development and delivery of courses at a distance.
- Develop and maintain partnerships with other educational institutions.
- Identify and provide access to courses and programs needed in the industry and job market.
- Enhance professional development of working people at their job place.

Staff

Mr. Inam Rabbani	Junior Clerk
Mr. Abdul Hameed	Semi Skilled Worker

Directorate of International Linkages

Ph: 041-9203041
Email: diril@gcuf.edu.pk



Prof. Dr. Muhmmad Ramzan Saeed Ashraf Janjua
Director



Vision

Directorate of International Linkages is envisioned to enable the University to build its global footprint through research and academic collaborations.

Mission

Since its inception, the Directorate of International Linkages is striving for excellence to meet its directive through proactive and ambitious approach. This office has a focus to initiate linkages with reputable institutions and funding agencies and consortia with relevant academic and research organizations at international levels with the purpose of faculty and student exchanges within national and foreign universities and research institutes.

Introduction

Directorate of International Linkages is mandated to bridge the gap between the University and the international research and academic organizations through networking and collaborations. This office is envisioned to adapt the GCUF community with changing role of the universities through a greater connectivity and strong linkages with the regional and international communities. Therefore, this office seeks to enable the University to build its global footprint with research and academic collaborations at national and international levels by following global multisectoral approach. Since its inception, the Directorate of International Linkages has continued to strive for excellence in meeting its directive of evolving a proactive approach and development agenda geared at initiating linkages with reputable institutions and funding agencies for greater visibility of GCUF at national and international fronts. Despite a relatively young institute, GCUF has increased its academic and research portfolio many-fold which is evidenced from its consistent improvements in national and international rankings. As a result, the activities of this directorate are anticipated to grow exponentially with international organizations for building and expanding partnerships for capacity building, research & development, outreach activities and community development programs.

Objectives

The Directorate of International Linkages at GCUF aims to proactively engage in following themes of collaboration:

a. Exchange of faculty, research fellows and students
b. Joint research projects, conferences, seminars, workshops and internships
c. Joint curriculum development and degree programs
d. Sharing and/or exchange of information & resources
e. Faculty and student training programs
f. Libraries partnership

Staff

Dr. Muhammad Tahir Ul Qamar	Depty Director
Dr. Muhammad Faraz Riaz	Assitant Director
Dr. Kashif Javaid	Assitant Director
Mr. Naveed Ahmed	Assitant
Mr. Ehsan Masi	Naib Qasid





Directorate of Industrial Linkages

Ph: 041-9203010
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Prof. Dr. Mehar un Nisa
Director



Vision

Directorate of Industrial Linkage (DIL) enables to shed light on motivations, barriers of cooperation and influence of public policy in developing such linkages.

DIL aims to play its crucial role as a mediator and modulator for skill development, adoption of knowledge, promotion of entrepreneurship and innovation. DIL aids in strengthening R & D investment via exploiting the synergies and complementry present in scientific and technological capabilities. This in turn, nurtures commercialization and mobility of labor in both the public and private sector.

Mission

Since its inception, the Directorate of International Linkages is striving for excellence to meet its directive through proactive and ambitious approach. This office has a focus to initiate linkages with reputable institutions and funding agencies and consortia with relevant academic and research organizations at international levels with the purpose of faculty and student exchanges within national and foreign universities and research institutes.

Introduction

University-industry linkage is really an imperative for the progress and prosperity of the nation. It is essential to identify the areas of collaboration, co-ordination and mutual support between the two basic sectors for sustainable national progress. The level and nature of academics and research has always played an important role in the process of development and is a common practice in the developed countries. Over the years, industry-academia collaboration has enhanced knowledge, innovation and played an integral part in the economic growth of developed countries. The linkage of academia and industry has a strategic role in developing critical skills required by industry generation, acquisition, and adoption of knowledge, and in promoting entrepreneurship.

Achievement

1- 52 MOU's signed with industries
2- Online lectures arranged with industrial Gurus.
3-Scheduled mega industrial Expo-23 on 20-21 March, 23
4- More than 500 student internships in industries

Objectives

1. To strengthen academia-industry relationship to promote technology-transfer and commercialization activities
2. To promote multi-disciplinary research initiatives at Government College University, Faisalabad.
3. To expand and integrate research activities at all levels at GCUF and to determine its strategic research directions and policies
4. To promote research and development activities to link & upgrade the competitiveness of industrial sector and to support local and the national economy
5. To develop, expand, enhance and manage university's research programs
6. To link research activities directly to the educational, social and industries.
7. To promote and improve multi-disciplinary research initiatives
8. To increase and diversifying external research funding
9. To translate research for the public's benefit

Staff

Dr. Sayed Haroon Khalid	Deputy Director-ISLO
Dr. Ali Imran	Deputy Director-UESO
Engr. Muhammad Ubaidullah	Deputy Director-ETC
Mr. Muhammad Aslam Baig	Admin Officer

Advisory Board

Mr. Gulam Mustafa Dogar
Additional Director General (Tech.), Punjab Food Authority, Lahore
Dr. Shahzad Hussain
Director, Qarshi Foods (Pvt.) Ltd. Lahore
Mr. Gulam Dastgir
MD, Saffaron Pharmaceuticals (Pvt.) Ltd. Faisalabad
Engr. Ehtisham Javaid
President, Faisalabad Chamber of Commerce & Industries
Mr. Mazhar Munawar
CEO, MMS Global (Pvt.) Ltd. Faisalabad
Mr. Amjad Hussain
CEO, Nutrifactor (Pvt.) Ltd. Faisalabad
Dr. Muhammad Nasir
General Manager, Frieslandcampina, Intl. Lahore
Mr. Mustajab Ahmad
General Manager, Cakes & Bakes (Pvt.) Ltd. Lahore

Major(R) Umar Islam
Secretary, Pakistan Venaspati Mills Association, Islamabad
Mr. Tariq Sarwar Awan
Secretary, Pakistan Flour Mills Association, Lahore
Mr. Moeez Sher
Sherco Textile Industries (Pvt.) Ltd. Faisalabad

Achievement's

Directorate of Industrial Linkages, Government College University, Faisalabad, organized Lyallpur Industrial Expo-2023 March 20-21, 2023 with more than 60 industry stalls. More than 20000 footsteps from Academia, Students, Industry, Regulatory Authorities, Government Agencies, Civil Society and many more have visited the industrial expo. The neat layouts of the show provided ample opportunity to the consumers and industry to see the latest offerings in the market as well as to the business visitor to carry out networking in a highly enabled environment.

List of MOUs Signed

Sr #	Name of Industry
1	Huawei ICT Academy
2	Epteck Technologies
3	8.2 The Experts in Renewable Energy
4	Volka Food International Ltd
5	Wiztec Food Solutions
6	Blund Dyestuffs Pvt. Ltd
7	Kashmir Cooking Oil & Banaspati
8	Golden Cooking Oil and Banaspati - Samman Ghee Mills
9	A. M. International flavours and fragrances
10	Asian Environmental Services
11	EggBox
12	Onesto
13	Adam's Milk Foods
14	Asia-Dye Tech Pvt Ltd
15	Samarkand Laboratories
16	International Halal Certification
17	Crescent Bread
18	Dawn Bread
19	Shams Grains Pvt Ltd
20	Nutricles
21	Shamim Foods Industry
22	Country Plus Foods
23	Simply The Great Food Pvt. Ltd.
24	H. Iqbal Foods
25	Axis Pharmaceuticals
26	Saffron Pharmaceuticals (Pvt.) Ltd
27	McPharm International (Pvt) Ltd
28	Magns Pharmaceuticals
29	Herbion Pakistan (Pvt) Ltd.
30	AA Advisers
31	Study Icon UK
32	Universal Study Advisors
33	Expert Opinion
34	Al-Waiz Certification and Training Services (ACTS)
35	ACERTA Certification & Inspection
36	Innvoy Global Consulting
37	Edify College of I.T
38	Tti Testing Laboratories
39	Gohar Textile Mills Pvt Ltd
40	Urban Pest Management
41	Chawla Dairy Farms
42	Tawakkal Foods







Directorate of Career Counseling & Alumni Affairs (CC&AA)

Ph: 041-9200880
Email: Careercounselling@gcuf.edu.pk



Prof. Dr. Abdul Qadir Mushtaq
Director

The Directorate of Career Counseling & Alumni Affairs (CC&AA) consolidates the bond between alumni and their alma-mater. It provides graduates with career help in person and online. Through counselling, advice, and specially created facilities for student learning and wellbeing with reference to their profession, it offers exciting and high-quality services. It combines their talents and interests for a prosperous future. Additionally, it links the departing students with the fellows who are still enrolled so that they may exchange experiences and success stories. It plans events such as alumni dinners, workshops, awareness campaigns, career lectures and alumni sports.

Mission

The directorate's mission is to foster a sense of community and pride among alumni while providing a platform for students to self-examine, set career goals, and be helped in their lifelong career paths. It also aims to connect current students with successful alumni while providing high-quality services and counselling to them. Since 2017, the office has been operating effectively.

Objectives

- To assist students in securing their jobs
- To train them in preparing their resumes, curriculum vitae, statement of purpose, job applications and job interviews
- To give them a forum where they may share their recollections with former and current students.
- To enable students to make enduring, accountable and significant choices in a global and vibrant world
- To enrich students with leadership qualities to serve the nation enthusiastically

Staff

Dr. Salma Umbar	Deputy Director
Dr. Safdar Hussain Tahir	Deputy Director
Dr. M. Rizwan Kamran	Assistant Director
Dr. Afzaal Hussain	Assistant Director









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Dr. Afzaal Hussain
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Directorate of Training & Development

Ph: 041-9200705
Email: training.development@gcuf.edu.pk



Prof. Dr. Sofia Anwar
Director



Vision

Enhancing the job performance through skill improvement and capacity building of the employees to produce the graduates having professional skills at par with the emerging global scenarios.

Mission

Developing need-based training programs to ensure the on-campus quality services offered by the administrative units, to assist the faculty to offer world-class teaching and research, and to develop the skill sets in our graduates at par with the emerging trends of the corporate sector.

Goals

The Directorate of Training & Development intends to advance the Vision and Mission through following accomplishments in general:

- Identifying the emerging market trends and to develop the need-based training programs for the students and faculty.
- Improving the competitiveness of the students, faculty, and staff through intensive trainings focused on personal and professional grooming.
- Improving the capacity of the young faculty to prepare the funding applications considering the national and international priorities in line with the Sustainable Development Goals (SDGs) of the United Nations.
- Improving the knowledge of the employees regarding their duties and rights in line with rules and regulations set by the GCUF constitution, Punjab Procurement Regulatory Authority (PPRA) Rules, Punjab Employees Efficiency, Discipline and Accountability Act, and time to time upgradation of these rules by the statutory bodies of HEC, PHEC, HED, and GCUF.
- Improving skills of the faculty according to the modern-day gadgets and professional software.
- Developing training programs to enhance the social positivity, sense of social responsibility, social acceptability, cross culture tolerance, and nationalism among employees and the students.

Training Programs

Induction Training Program:

This program aims to orient new employees to the organization, its culture, policies, and work processes. It is designed to help new hires quickly adapt to their roles, understand the expectations, and integrate smoothly into the university environment. Additionally, it provides an overview of the key resources available to employees and set the foundation for a successful career within the institution.

Capacity Building Training Program:

The Program focuses on enhancing the knowledge, skills, and competencies of existing staff. It aims to improve their efficiency and effectiveness in carrying out their respective roles, ultimately contributing to the overall growth and development of the institution. Here, specialized workshops, seminars, and courses are offered that address specific skill gaps and areas of improvement for the employees.

Leadership Training Program:

The Leadership Training Program targets individuals in leadership positions, such as Associate Professors and above, departmental heads, supervisors, and administrators. It aims to nurture their leadership abilities, decision-making skills, and strategic thinking to lead their teams effectively and drive positive change within the university. Here, interactive workshops are arranged by inviting learned academicians as guest lectures to share their knowledge gained through their own leadership roles at various institutions.

Staff

Prof. Dr. Muhammad Farooq	Deputy Director
Dr. Saeed Ahmad	Deputy Director
Dr. Muhammad Rizwan Javed	Deputy Director
Dr. Ghulam Mustafa	Assistant Director
Dr. Mohsin Khurshid	Assistant Director
Dr. Asif Ali Naqvi	Assistant Director
Dr. Nadia Akram	Assistant Director
Dr. Salma Ikram	Assistant Director
Mr. Muhammad Ammar Yasir	Junior Clerk








Two-Day Workshop
on


Two-Day Workshop

Directorate of Women Development

Ph: 041-9200
Email: @gcuf.edu.pk



Prof. Dr. Zahira Batool
Incharge

Vision & Mission

Women Development Center aims to set a benchmark in its domain with full zeal and zest by training the maximum number of women in a conducive learning environment to increase their economic and social empowerment thus contributing in the development and harmony in the Pakistan.

The Women Development Centre, GCUF is an initiative by the Women Development Department, Government of Punjab to promote gender equity and women empowerment through capacity building and institutional framework.

It is meant to give special attention to the women's role, while extending development assistance.

Women Development Center empowering women helps to create equitable society for everyone. Women's empowerment is also important for promoting health and well-being and even all sphere of life. They can better take care of themselves and their families.

Staff

Dr. Nazia Malik
Dr. Abida Naseer
Dr. Fozia Naseem





Fee Structure

Faculty of Physical Science

Bachelor 4- Year (Science Programs)

Morning: Applied Chemistry, Chemistry, Mathematics, Physics, Statistics, Geography, Remote Sensing & GIS

Semester	Admission Fee	Registrartion Fee	Tution Fee	Examination Fee	Library Security	Other Dues	Total Fee
1st	2000	2000	14200	5000	2500	9000	34,700
2nd			14200	5000		9000	28,200
3rd			14200	5000		9000	28,200
4th			14200	5000		9000	28,200
5th			14200	5000		9000	28,200
6th			14200	5000		9000	28,200
7th			14200	5000		9000	28,200
8th			14200	5000		9000	28,200
						Total Fee	232,100

Bachelor 4- Year (Business & Professional Programs)

Morning: BS (Computer Science, Information Technology, Data Science, Data Analytics, Software Engineering)

Semester	Admission Fee	Registrartion Fee	Tution Fee	Examination Fee	Library Security	Other Dues	Total Fee
1st	2000	2000	30900	5000	2500	11500	53,900
2nd			30900	5000		11500	47,400
3rd			30900	5000		11500	47,400
4th			30900	5000		11500	47,400
5th			30900	5000		11500	47,400
6th			30900	5000		11500	47,400
7th			30900	5000		11500	47,400
8th			30900	5000		11500	47,400
						Total Fee	385,700



Masters 2- Year (Science Programs)

Morning: Chemistry, Applied Chemistry, Statistics, Physics, Geography, Mathematics

Semester	Admission Fee	Registrartion Fee	Tution Fee	Examination Fee	Library Security	Other Dues	Total Fee
1st	2000	2000	16800	5000	2500	9000	37,300
2nd			16800	5000		9000	30,800
3rd			16800	5000		9000	30,800
4th			16800	5000		9000	30,800
						Total Fee	129,700

Master 2-Year (Business & Professional Programs)

Morning: M.Sc. Computer Science, Information Technology

Semester	Admission Fee	Registrartion Fee	Tution Fee	Examination Fee	Library Security	Other Dues	Total Fee
1st	3000	2000	52500	5000	2500	11500	76,500
2nd			52500	5000		11500	69,000
3rd			52500	5000		11500	69,000
4th			52500	5000		11500	69,000
						Total Fee	283,500

MS/M.PHIL 2-Year Business & Professional Programs (Morning / Evening / Replica)

MS Computer Science, Software Engineering, Information Technology

Semester	Admission Fee	Registrartion Fee	Tution Fee	Examination Fee	Library Security	Other Dues	Total Fee
1st	3500	2000	53800	5000	2500	11500	78,300
2nd			53800	5000		11500	70,300
3rd			53800	5000		11500	70,300
4th			53800	5000		11500	70,300
						Total Fee	289,200

MS / M. Phil Science Programs (Morning / Evening / Replica)

Mathematics, Geography, Geography GIS, Statistics

Semester	Admission Fee	Registrartion Fee	Tution Fee	Examination Fee	Library Security	Other Dues	Total Fee
1st	3500	2000	43800	5000	2500	9500	66,300
2nd			43800	5000		9500	58,300
3rd			43800	5000		9500	58,300
4th			43800	5000		9500	58,300
						Total Fee	241,200

MS / M. Phil Science Programs (Morning / Evening / Replica)

App. Chemistry, Physics, Nenotechnology, Analytical Chemistry, Inorganic Chemistry, Physical Chemistry, Organic Chemistry

Semester	Admission Fee	Registrartion Fee	Tution Fee	Examination Fee	Library Security	Other Dues	Total Fee
1st	3500	2000	49800	5000	2500	9500	72,300
2nd			49800	5000		9500	64,300
3rd			49800	5000		9500	64,300
4th			49800	5000		9500	64,300
						Total Fee	265,200

Ph.D. (Science Programs)

Computer Science

Semester	Admission Fee	Registrartion Fee	Tution Fee	Examination Fee	Library Security	Other Dues	Total Fee
1st	4000	2000	53800	5000	2500	11500	78,800
2nd			53800	5000		11500	70,300
3rd			53800	5000		11500	70,300
4th			53800	5000		11500	70,300
5th			53800	5000		11500	70,300
6th			53800	5000		11500	70,300
						Total Fee	**430,300**



Ph.D. (Science Programs)

Mathematics, Geography, Statistics

Semester	Admission Fee	Registrartion Fee	Tution Fee	Examination Fee	Library Security	Other Dues	Total Fee
1st	4000	2000	43800	5000	2500	10000	67,300
2nd			43800	5000		10000	58,800
3rd			43800	5000		10000	58,800
4th			43800	5000		10000	58,800
5th			43800	5000		10000	58,800
6th			43800	5000		10000	58,800
						Total Fee	**361,300**

Ph.D. (Science Programs)

App. Chemistry, Chemistry, Physics

Semester	Admission Fee	Registrartion Fee	Tution Fee	Examination Fee	Library Security	Other Dues	Total Fee
1st	4000	2000	49800	5000	2500	10000	73,300
2nd			49800	5000		10000	64,800
3rd			49800	5000		10000	64,800
4th			49800	5000		10000	64,800
5th			49800	5000		10000	64,800
6th			49800	5000		10000	64,800
						Total Fee	**397,300**

Faculty of Life Sciences

Bachelor 4- Year (Science Programs)

Morning: Bio Chemistry, Zoology, Botany, Physiology, Microbiology, Bioinformatics, Biotechnology, Physical Education, Env.Sciences

Semester	Admission Fee	Registrartion Fee	Tution Fee	Examination Fee	Library Security	Other Dues	Total Fee
1st	2000	2000	14200	5000	2500	9000	34,700
2nd			14200	5000		9000	28,200
3rd			14200	5000		9000	28,200
4th			14200	5000		9000	28,200
5th			14200	5000		9000	28,200
6th			14200	5000		9000	28,200
7th			14200	5000		9000	28,200
8th			14200	5000		9000	28,200
						Total Fee	232,100

Bachelor 4-Year (Science Programs)

Morning: Food Science & Technology

Semester	Admission Fee	Registrartion Fee	Tution Fee	Examination Fee	Library Security	Other Dues	Total Fee
1st	2000	2000	16500	5000	2500	9000	37,000
2nd			16500	5000		9000	30,500
3rd			16500	5000		9000	30,500
4th			16500	5000		9000	30,500
5th			16500	5000		9000	30,500
6th			16500	5000		9000	30,500
7th			16500	5000		9000	30,500
8th			16500	5000		9000	30,500
						Total Fee	250,500



Masters 2- Year (Science Programs)

Morning: Botany, Zooloy, Physical Education, Biotechnology, Env. Sciences

Semester	Admission Fee	Registrartion Fee	Tution Fee	Examination Fee	Library Security	Other Dues	Total Fee
1st	2000	2000	16800	5000	2500	9000	37,300
2nd			16800	5000		9000	30,800
3rd			16800	5000		9000	30,800
4th			16800	5000		9000	30,800
						Total Fee	129,700

MS / M. Phil Science Programs (Morning / Evening / Replica)

Botany, Biochemistry, Environmental Sciences, Environmental Engineering, Zoology, Food Science & Tech, Bioinformatics, Biotechnology, Microbiology, Physiology, Physical Education

Semester	Admission Fee	Registrartion Fee	Tution Fee	Examination Fee	Library Security	Other Dues	Total Fee
1st	3500	2000	49800	5000	2500	9500	72,300
2nd			49800	5000		9500	64,300
3rd			49800	5000		9500	64,300
4th			49800	5000		9500	64,300
						Total Fee	265,200

Ph.D. (Science Programs)

Biotechnology, Botany, Biochemistry, Environmental Sciences, Zoology,Microbiology, Physiology, Food Science & Technology

Semester	Admission Fee	Registrartion Fee	Tution Fee	Examination Fee	Library Security	Other Dues	Total Fee
1st	4000	2000	49800	5000	2500	10000	73,300
2nd			49800	5000		10000	64,800
3rd			49800	5000		10000	64,800
4th			49800	5000		10000	64,800
5th			49800	5000		10000	64,800
6th			49800	5000		10000	64,800
						Total Fee	397,300

Faculty of Pharmaceutical Sciences

Bachelor 5-Year (Business & Professional Programs)

Morning: Pharm-D

Semester	Admission Fee	Registrartion Fee	Tution Fee	Examination Fee	Library Security	Other Dues	Total Fee
1st	2000	2000	47700	5000	2500	15000	74,200
2nd			47700	5000		15000	67,700
3rd			47700	5000		15000	67,700
4th			47700	5000		15000	67,700
5th			47700	5000		15000	67,700
6th			47700	5000		15000	67,700
7th			47700	5000		15000	67,700
8th			47700	5000		15000	67,700
9th			47700	5000		15000	67,700
10th			47700	5000		15000	67,700
						Total Fee	683,500

MS / M. Phil Science Programs (Morning / Evening / Replica)

Pharmacutics, Pharmacology, Pharmaceutical Chemistry, Pharmacy Practice

Semester	Admission Fee	Registrartion Fee	Tution Fee	Examination Fee	Library Security	Other Dues	Total Fee
1st	3500	2000	53000	5000	2500	15000	81,000
2nd			53000	5000		15000	73,000
3rd			53000	5000		15000	73,000
4th			53000	5000		15000	73,000
						Total Fee	300,000



Ph.D. (Science Programs)

Pharmacutics, Pharmaceutical Chemistry, Pharmacology,

Semester	Admission Fee	Registrartion Fee	Tution Fee	Examination Fee	Library Security	Other Dues	Total Fee
1st	4000	2000	54000	5000	2500	15000	82,500
2nd			54000	5000		15000	74,000
3rd			54000	5000		15000	74,000
4th			54000	5000		15000	74,000
5th			54000	5000		15000	74,000
6th			54000	5000		15000	74,000
						Total Fee	452,500

Faculty of Engineering & Technology

Bachelor 4- Year

Morning: BS (Electrical Engineering)

Semester	Admission Fee	Registrartion Fee	Tution Fee	Examination Fee	Library Security	Other Dues	Total Fee
1st	2000	2000	43400	5000	2500	15000	69,900
2nd			43400	5000		15000	63,400
3rd			43400	5000		15000	63,400
4th			43400	5000		15000	63,400
5th			43400	5000		15000	63,400
6th			43400	5000		15000	63,400
7th			43400	5000		15000	63,400
8th			43400	5000		15000	63,400
						Total Fee	513,700

Bachelor 4- Year

Morning : B.Sc Electrical Engineering Technology, Civil Engineering Technology, Mechanical Engineering, Chemical Engineering Technology, Architectural Engineering Technology

Semester	Admission Fee	Registrartion Fee	Tution Fee	Examination Fee	Library Security	Other Dues	Total Fee
1st	2000	2000	40400	5000	2500	9500	61,400
2nd			40400	5000		9500	54,900
3rd			40400	5000		9500	54,900
4th			40400	5000		9500	54,900
5th			40400	5000		9500	54,900
6th			40400	5000		9500	54,900
7th			40400	5000		9500	54,900
8th			40400	5000		9500	54,900
						Total Fee	445,700

Bachelor 5-Year

B.S Architecture

Semester	Admission Fee	Registrartion Fee	Tution Fee	Examination Fee	Library Security	Other Dues	Total Fee
1st	2000	2000	40400	5000	2500	9500	61,400
2nd			40400	5000		9500	54,900
3rd			40400	5000		9500	54,900
4th			40400	5000		9500	54,900
5th			40400	5000		9500	54,900
6th			40400	5000		9500	54,900
7th			40400	5000		9500	54,900
8th			40400	5000		9500	54,900
9th			40400	5000		9500	54,900
10th			40400	5000		9500	54,900
						Total Fee	555,500



MS / M. Phil Science Programs (Morning / Evening / Replica)

Electrical Engineering

Semester	Admission Fee	Registrartion Fee	Tution Fee	Examination Fee	Library Security	Other Dues	Total Fee
1st	3500	2000	53000	5000	2500	15000	81,000
2nd			53000	5000		15000	73,000
3rd			53000	5000		15000	73,000
4th			53000	5000		15000	73,000
						Total Fee	300,000

Ph.D. (Science Programs)

Electrical Engineering

Semester	Admission Fee	Registrartion Fee	Tution Fee	Examination Fee	Library Security	Other Dues	Total Fee
1st	4000	2000	54000	5000	2500	15000	82,500
2nd			54000	5000		15000	74,000
3rd			54000	5000		15000	74,000
4th			54000	5000		15000	74,000
5th			54000	5000		15000	74,000
6th			54000	5000		15000	74,000
						Total Fee	452,500

Faculty of Medical Sciences

Bachelor 5-Year (Medical Sciences)

Doctor of Physical Therapy

Semester	Admission Fee	Registrartion Fee	Tution Fee	Examination Fee	Library Security	Other Dues	Total Fee
1st	2000	2000	36800	5000	2500	9000	57,300
2nd			36800	5000		9000	50,800
3rd			36800	5000		9000	50,800
4th			36800	5000		9000	50,800
5th			36800	5000		9000	50,800
6th			36800	5000		9000	50,800
7th			36800	5000		9000	50,800
8th			36800	5000		9000	50,800
9th			36800	5000		9000	50,800
10th			36800	5000		9000	50,800
						Total Fee	**514,500**

Bachelor 4-Year

BS (H) Allied Health Professionals (Paramedics) MLT, OTT, RIT and BS (H) Human Nuitrition & Dietics

Semester	Admission Fee	Registrartion Fee	Tution Fee	Examination Fee	Library Security	Other Dues	Total Fee
1st	2000	2000	22800	5000	2500	9000	43,300
2nd			22800	5000		9000	36,800
3rd			22800	5000		9000	36,800
4th			22800	5000		9000	36,800
5th			22800	5000		9000	36,800
6th			22800	5000		9000	36,800
7th			22800	5000		9000	36,800
8th			22800	5000		9000	36,800
						Total Fee	**300,900**



Bachelor 5-Year

Bachelor of Eastern Medicine and Surgery (BEMS)

Semester	Admission Fee	Registrartion Fee	Tution Fee	Examination Fee	Library Security	Other Dues	Total Fee
1st	2000	2000	22800	5000	2500	9000	43,300
2nd			22800	5000		9000	36,800
3rd			22800	5000		9000	36,800
4th			22800	5000		9000	36,800
5th			22800	5000		9000	36,800
6th			22800	5000		9000	36,800
7th			22800	5000		9000	36,800
8th			22800	5000		9000	36,800
9th			22800	5000		9000	36,800
10th			22800	5000		9000	36,800
						Total Fee	**374,500**

Bachelor 4-Year

Morning: BS (H) Orthotics and Prosthetics

Semester	Admission Fee	Registrartion Fee	Tution Fee	Examination Fee	Library Security	Other Dues	Total Fee
1st	2000	2000	35800	5000	2500	9000	56,300
2nd			35800	5000		9000	49,800
3rd			35800	5000		9000	49,800
4th			35800	5000		9000	49,800
5th			35800	5000		9000	49,800
6th			35800	5000		9000	49,800
7th			35800	5000		9000	49,800
8th			35800	5000		9000	49,800
						Total Fee	**404,900**

Master of Public Health (MPH)

Semester	Admission Fee	Registrartion Fee	Tution Fee	Examination Fee	Library Security	Other Dues	Total Fee
1st	3500	2000	53000	5000	2500	15000	81,000
2nd			53000	5000		15000	73,000
3rd			53000	5000		15000	73,000
4th			53000	5000		15000	73,000
						Total Fee	**300,000**

MS / M.Phil Human Nuitrition & Dietetics, Phytomedicine (Morning / Evening / Replica)

Semester	Admission Fee	Registrartion Fee	Tution Fee	Examination Fee	Library Security	Other Dues	Total Fee
1st	3500	2000	49800	5000	2500	9500	72,300
2nd			49800	5000		9500	64,300
3rd			49800	5000		9500	64,300
4th			49800	5000		9500	64,300
						Total Fee	**265,200**

Ph.D Human Nuitrition & Dietetics, Eastern Medicine

Semester	Admission Fee	Registrartion Fee	Tution Fee	Examination Fee	Library Security	Other Dues	Total Fee
1st	4000	2000	54800	5000	2500	10000	78,300
2nd			54800	5000		10000	69,800
3rd			54800	5000		10000	69,800
4th			54800	5000		10000	69,800
5th			54800	5000		10000	69,800
6th			54800	5000		10000	69,800
						Total Fee	**427,300**



Faculty of Economics & Management Sciences

Bachelor 4- Year

Morning:Economics

Semester	Admission Fee	Registrartion Fee	Tution Fee	Examination Fee	Library Security	Other Dues	Total Fee
1st	2000	2000	10800	5000	2500	8500	30,800
2nd			10800	5000		8500	24,300
3rd			10800	5000		8500	24,300
4th			10800	5000		8500	24,300
5th			10800	5000		8500	24,300
6th			10800	5000		8500	24,300
7th			10800	5000		8500	24,300
8th			10800	5000		8500	24,300
						Total Fee	**200,900**

Bachelor 4- Year

Morning: BS (H) Commerce, Accounting & Finance, Business Administration, Public Administration, Business Analytics

Semester	Admission Fee	Registrartion Fee	Tution Fee	Examination Fee	Library Security	Other Dues	Total Fee
1st	2000	2000	25800	5000	2500	8500	45,800
2nd			25800	5000		8500	39,300
3rd			25800	5000		8500	39,300
4th			25800	5000		8500	39,300
5th			25800	5000		8500	39,300
6th			25800	5000		8500	39,300
7th			25800	5000		8500	39,300
8th			25800	5000		8500	39,300
						Total Fee	**320,900**

Masters 2- Year

Morning:Economics

Semester	Admission Fee	Registrartion Fee	Tution Fee	Examination Fee	Library Security	Other Dues	Total Fee
1st	2000	2000	13600	5000	2500	8500	33,600
2nd			13600	5000		8500	27,100
3rd			13600	5000		8500	27,100
4th			13600	5000		8500	27,100
						Total Fee	**114,900**

Master 2-Year (Business & Professional Programs)

Morning: Master of Commerce (M. Com), Master of Public Administration (MPA)

Semester	Admission Fee	Registrartion Fee	Tution Fee	Examination Fee	Library Security	Other Dues	Total Fee
1st	2000	2000	45800	5000	2500	8500	65,800
2nd			45800	5000		8500	59,300
3rd			45800	5000		8500	59,300
4th			45800	5000		8500	59,300
						Total Fee	**243,700**

MBA Entrepreneurship 1.5 Year

Arabic, Islamic Studies, Urdu

Semester	Admission Fee	Registrartion Fee	Tution Fee	Examination Fee	Library Security	Other Dues	Total Fee
1st	3500	2000	49800	5000	2500	8500	71,300
2nd			49800	5000		8500	63,300
3rd			49800	5000		8500	63,300
						Total Fee	**197,900**



Master 3½-Year (Business & Professional Programs)

Morning: MBA, MBA (Banking & Finance), MBA (Industrial Management)

Semester	Admission Fee	Registrartion Fee	Tution Fee	Examination Fee	Library Security	Other Dues	Total Fee
1st	3500	2000	52500	5000	2500	9000	74,500
2nd			52500	5000		9000	66,500
3rd			52500	5000		9000	66,500
4th			52500	5000		9000	66,500
5th			52500	5000		9000	66,500
6th			52500	5000		9000	66,500
7th			52500	5000		9000	66,500
						Total Fee	**473,500**

MS / M. Phil (Morning / Evening / Replica)

Economics

Semester	Admission Fee	Registrartion Fee	Tution Fee	Examination Fee	Library Security	Other Dues	Total Fee
1st	3500	2000	39800	5000	2500	9000	61,800
2nd			39800	5000		9000	53,800
3rd			39800	5000		9000	53,800
4th			39800	5000		9000	53,800
						Total Fee	**223,200**

MS / M. Phil 2-Year Business & Professional Programs (Morning / Evening / Replica)

Business Administration /Public Administration / Commerce / MBA 2-Years/Executive MBA

Semester	Admission Fee	Registrartion Fee	Tution Fee	Examination Fee	Library Security	Other Dues	Total Fee
1st	3500	2000	49800	5000	2500	9500	72,300
2nd			49800	5000		9500	64,300
3rd			49800	5000		9500	64,300
4th			49800	5000		9500	64,300
						Total Fee	**265,200**

Ph.D. (Non Science Programs)

Economics

Semester	Admission Fee	Registrartion Fee	Tution Fee	Examination Fee	Library Security	Other Dues	Total Fee
1st	4000	2000	41300	5000	2500	9500	64,300
2nd			41300	5000		9500	55,800
3rd			41300	5000		9500	55,800
4th			41300	5000		9500	55,800
5th			41300	5000		9500	55,800
6th			41300	5000		9500	55,800
						Total Fee	**343,300**

Ph.D Business Administration

Semester	Admission Fee	Registrartion Fee	Tution Fee	Examination Fee	Library Security	Other Dues	Total Fee
1st	4000	2000	50300	5000	2500	10000	73,800
2nd			50300	5000		10000	65,300
3rd			50300	5000		10000	65,300
4th			50300	5000		10000	65,300
5th			50300	5000		10000	65,300
6th			50300	5000		10000	65,300
						Total Fee	**400,300**



Faculty of Islamic & Oriental Learning

Bachelor 4- Year (Non Science Programs)

Morning: Islamic Studies, Urdu, Arabic, Punjabi, Persian

Semester	Admission Fee	Registrartion Fee	Tution Fee	Examination Fee	Library Security	Other Dues	Total Fee
1st	2000	2000	10000	5000	2500	8500	30,000
2nd			10000	5000		8500	23,500
3rd			10000	5000		8500	23,500
4th			10000	5000		8500	23,500
5th			10000	5000		8500	23,500
6th			10000	5000		8500	23,500
7th			10000	5000		8500	23,500
8th			10000	5000		8500	23,500
						Total Fee	**194,500**

Masters 2- Year (Non Science Programs)

Morning: Arabic, Islamic Studies, Punjabi,Urdu.

Semester	Admission Fee	Registrartion Fee	Tution Fee	Examination Fee	Library Security	Other Dues	Total Fee
1st	2000	2000	12400	5000	2500	8500	32,400
2nd			12400	5000		8500	25,900
3rd			12400	5000		8500	25,900
4th			12400	5000		8500	25,900
						Total Fee	110,100

MS / M. Phil Non Science Programs (Morning / Evening / Replica)

Arabic, Islamic Studies, Urdu, Punjabi

Semester	Admission Fee	Registrartion Fee	Tution Fee	Examination Fee	Library Security	Other Dues	Total Fee
1st	3500	2000	39800	5000	2500	9000	61,800
2nd			39800	5000		9000	53,800
3rd			39800	5000		9000	53,800
4th			39800	5000		9000	53,800
						Total Fee	223,200

Ph.D. (Non Science Programs)

Arabic, Islamic Studies, Urdu,

Semester	Admission Fee	Registrartion Fee	Tution Fee	Examination Fee	Library Security	Other Dues	Total Fee
1st	4000	2000	41300	5000	2500	9500	64,300
2nd			41300	5000		9500	55,800
3rd			41300	5000		9500	55,800
4th			41300	5000		9500	55,800
5th			41300	5000		9500	55,800
6th			41300	5000		9500	55,800
						Total Fee	**343,300**

Faculty of Arts & Social Sciences

Bachelor 4- Year (Non Science Programs)

Morning:Education, English Literature, English Literature & Linguistics, Mass Communication,Defense and Strategic Studies, Political Science, International Relation, Polictics & Parliamentary Affairs History, Heritage & tourism, Pak Studies,information management, Sociology, Criminology Applied Psychology

Semester	Admission Fee	Registrartion Fee	Tution Fee	Examination Fee	Library Security	Other Dues	Total Fee
1st	2000	2000	10800	5000	2500	8500	30,800
2nd			10800	5000		8500	24,300
3rd			10800	5000		8500	24,300
4th			10800	5000		8500	24,300
5th			10800	5000		8500	24,300
6th			10800	5000		8500	24,300
7th			10800	5000		8500	24,300
8th			10800	5000		8500	24,300
						Total Fee	200,900

Bachelor 4- Year

Morning : Home Economics

Semester	Admission Fee	Registrartion Fee	Tution Fee	Examination Fee	Library Security	Other Dues	Total Fee
1st	2000	2000	13700	5000	2500	9500	34,700
2nd			13700	5000		9500	28,200
3rd			13700	5000		9500	28,200
4th			13700	5000		9500	28,200
5th			13700	5000		9500	28,200
6th			13700	5000		9500	28,200
7th			13700	5000		9500	28,200
8th			13700	5000		9500	28,200
						Total Fee	**232,100**

Bachelor 4- Year (Non Science Programs)

Morning:Bachelor in Fine Arts Fashion Design, Graphic Design, Textile Design, Painting

Semester	Admission Fee	Registrartion Fee	Tution Fee	Examination Fee	Library Security	Other Dues	Total Fee
1st	2000	2000	22200	5000	2500	9500	43,200
2nd			22200	5000		9500	36,700
3rd			22200	5000		9500	36,700
4th			22200	5000		9500	36,700
5th			22200	5000		9500	36,700
6th			22200	5000		9500	36,700
7th			22200	5000		9500	36,700
8th			22200	5000		9500	36,700
						Total Fee	300,100

B.Ed 1.5-Year Program

Semester	Admission Fee	Registrartion Fee	Tution Fee	Examination Fee	Library Security	Other Dues	Total Fee
1st	2000	2000	10800	5000	2500	8500	30,800
2nd			10800	5000		8500	24,300
3rd			10800	5000		8500	24,300
						Total Fee	**79,400**

Masters 2- Year (Non Science Programs)

Morning : English Linguistics, English Linguistics & Literature, Education, Applied Psychology, Pol Science,International Relations, History, Pakistan Studies,Library Sciences, Mass Comm, Sociology, Criminology

Semester	Admission Fee	Registrartion Fee	Tution Fee	Examination Fee	Library Security	Other Dues	Total Fee
1st	2000	2000	13600	5000	2500	8500	33,600
2nd			13600	5000		8500	27,100
3rd			13600	5000		8500	27,100
4th			13600	5000		8500	27,100
						Total Fee	**114,900**

BMS / M. Phil Programs (Morning / Evening / Replica)

Art & Design

Semester	Admission Fee	Registrartion Fee	Tution Fee	Examination Fee	Library Security	Other Dues	Total Fee
1st	3500	2000	49600	5000	2500	9500	72,100
2nd			49600	5000		9500	64,100
3rd			49600	5000		9500	64,100
4th			49600	5000		9500	64,100
						Total Fee	264,400

MS / M. Phil Non Science Programs (Morning / Evening / Replica)

Applied Linguistics, Clinical Psychology, Mass Communication, History, Pak Studies, International Relation, Political Science, Sociology, English, Education.

Semester	Admission Fee	Registrartion Fee	Tution Fee	Examination Fee	Library Security	Other Dues	Total Fee
1st	3500	2000	39800	5000	2500	9000	61,800
2nd			39800	5000		9000	53,800
3rd			39800	5000		9000	53,800
4th			39800	5000		9000	53,800
						Total Fee	**223,200**



Ph.D. (Non Science Programs)

Applied Linguistics, Applied Psychology, Sociology, English, Education, History, Pol. Science, International Relation, Pak Studies, Mass Communication.

Semester	Admission Fee	Registrartion Fee	Tution Fee	Examination Fee	Library Security	Other Dues	Total Fee
1st	4000	2000	43800	5000	2500	9500	66,800
2nd			43800	5000		9500	58,300
3rd			43800	5000		9500	58,300
4th			43800	5000		9500	58,300
5th			43800	5000		9500	58,300
6th			43800	5000		9500	58,300
						Total Fee	**358,300**

Bachelor 5-Year (Business & Professional Programs)

Morning: LLB(Hons) 5 Year

Semester	Admission Fee	Registrartion Fee	Tution Fee	Examination Fee	Library Security	Other Dues	Total Fee
1st	2000	2000	23100	5000	2500	8500	43,100
2nd			23100	5000		8500	36,600
3rd			23100	5000		8500	36,600
4th			23100	5000		8500	36,600
5th			23100	5000		8500	36,600
6th			23100	5000		8500	36,600
7th			23100	5000		8500	36,600
8th			23100	5000		8500	36,600
9th			23100	5000		8500	36,600
10th			23100	5000		8500	36,600
						Total Fee	372,500

LLM 2-Year Business & Professional Programs (Morning / Evening / Replica)

Semester	Admission Fee	Registrartion Fee	Tution Fee	Examination Fee	Library Security	Other Dues	Total Fee
1st	3500	2000	61600	5000	2500	9000	83,600
2nd			61600	5000		9000	75,600
3rd			61600	5000		9000	75,600
4th			61600	5000		9000	75,600
						Total Fee	**310,400**

NOTE:

Bachelor 4- Year, 5 Year (Science Programs /Non-Science Programs/Business & Professional Programs etc.)

1 Evening / Replica Programme Tution Fee @ Rs.12,000/- in addition per semester.
2 Bench Fee @ Rs. 25,000/- will be charged in addition per semester in case of bench fee admission.
3 Thesis Fee @ Rs. 5,000/- will be charged at the time of Thesis submission (if applicable).
4 Project Fee @ Rs. 2,500/- will be charged at the time of Project submission.(if applicable)
5 Degree/Certificate Verification Fee @ Rs. 1,500/- will be charged in 2nd semester/6th Bridging semester in addition to above.
6 Degree Fee @ Rs. 2,500/- will be charged in final semester in addition to above.
7 For Bridging Semester /5th Semester, Fee will be charges as per fee structure of BS Programmes 5th Semester in addition to Admission Fee, Registration Fee, Library Security etc.

Masters 2- Year, 1.5-Year, 3-Year, 3.5 Years (Science Programs/Non-Science Programs/Business & Professional Programs)

1 Evening / Replica Programme Tution Fee @ Rs.12,000/- in addition per semester.
2 Bench Fee @ Rs. 25,000/- will be charged in addition per semester in case of bench fee admission.
3 Thesis Fee @ Rs. 5,000/- will be charged at the time of Thesis submission (if applicalbe).
4 Project Fee @ Rs. 2,500/- will be charged at the time of Project submission.(if applicable).
5 Degree/Certificate Verification Fee @ Rs. 1,500/- will be charged in 2nd semester in addition to above.
6 Degree Fee @ Rs. 2,500/- will be charged in final semester in addition to above.

MS / M. Phil Science Programs/Non-Science Programs/Business & Professional Programs (Morning /Replica)

1 Thesis Fee @ Rs. 15,000/- at the time of thesis submission.
2 Degree/Certificate Verification Fee @ Rs. 1,500/- will be charged in 2nd semester in addition to above.
3 Degree Fee @ Rs. 2,500/- will be charged in final semester in addition to above.

Ph.D. (Science Programs/Non Science Programs/Business & Professional Programs)

1 Thesis Fee @ Rs. 20,000/- at the time of thesis submission.
3 Degree/Certificate Verification Fee @ Rs. 1,500/- will be charged in 2nd semester semester in addition to above.
4 Degree Fee @ Rs. 2,500/- will be charged in final semester in addition to above.

Faculty of
Arts & Social Sciences

Ph: 041-9201202

1. College of Law
2. Department of Applied Linguistics
3. Department of Applied Psychology
4. Department of Education
5. Department of English Literature
6. Department of History
7. Department of Home Economics
8. Department of International Relations
9. Department of Information Management
10. Department of Mass Communication
11. Department of Pakistan Studies
12. Department of Political Science
13. Department of Sociology
14. Institute of Arts & Design

College of Law

Phone: 041-9200152
Email: law@gcuf.edu.pk



Programs Offered

1. LLB (5 Years)
2. LLM

Chairperson : Dr. Ghulam Murtiza



Vision

The College of Law envisions a society which is just, democratic, and law abiding.

Mission

To prepare legal practitioners with sound theoretical background and commitment to ethics and fair play. These professionals will play their role in upholding the sanctity of the constitution and the courts of law. They will become torch bearers of human rights, child rights, women rights and minority rights, contributing immensely to the cause of social justice and just society.

Introduction

The Faculty of Law was established in 2003. The Faculty has its own distinction among other faculties of the University. The programmes offered by the College aim at satisfying academic and professional requirements of the students, so that they may enter the arena of legal practice with all the requisite legal and professional skills. The dynamic teaching faculty of law provides legal education with an Islamic and Pakistani perspective that is relevant to the structure of Pakistani state and society. The students are encouraged to develop critical and analytical skills by involving themselves in the research activities. Owing to the commitment and efforts of highly professional teaching staff, the Law College has made its name in the legal education. Five Years Law Programme is in accordance with the approved curriculum of HEC and Pakistan Bar Council and is designed to cater to all the professional and legal requirements of the students.

- Academic Programmes are recognized by HEC as well as by Pakistan Bar Council
- LL.B program contains latest laws which are not included in the curriculum of other colleges.
- Pakistan law site to consult latest case laws
- On line library of College of Law
- Faculty consists of young and experienced faculty members who are highly committed.

Faculty

Dr. Ghulam Murtiza
Associate Professor / Chairperson
Specialization: Intellectual Property Law

Dr. Aamir Abbas Haral
Assistant Professor
Specialization: Company & Corporate Law

Dr. Muhammad Amir Manj
Assistant Professor
Specialization: Jurisprudence & International Law

Dr. Fozia Naseem
Assistant Professor
Specialization: Peace & Conflict Studies, Human Rights Law

Dr. Mirza Shahid Rizwan Baig
Assistant Professor
Specialization: Corporate Law

Mr. Khalil ur Rehman Tariq
Lecturer
PhD Scholar
Specialization: Criminal Law

Mr. Shahid Sultan
Lecturer
PhD Scholar
Specialization: International Law

Mr. Muhammad Waqas Sarwar
Lecturer
PhD Scholar (On Study Leave)
Specialization: International Commercial Laws, Law of Property

Ms. Noreen Akhtar Butt
Lecturer
PhD Scholar
Specialization: Corporate Law

Mr. Syed Najam Ameer Shah
Lecturer
PhD Scholar
Specialization: Criminal Law, Special and Local Laws

Mr. Babar Shaheen Haral
Lecturer
LLM
Specialization: Criminal Law, Human Rights Law

Mr. Muhammad Sulyman Akbar
Lecturer
LLM (PU)
Specialization: Constitutional Law

Ms. Imrana Khan
Lecturer
LLM
Specialization: International Business Law

Scheme of Studies
LLB (5 Years)

Semester 1		
ENG-321	Functional English	03(3-0)
IDC-321	Ideology and Constitution of Pakistan	02(2-0)
PST-321	Pakistan Studies	02(2-0)
LAW-301	Introduction to Law	03(3-0)
IRS- 301	Introduction to International Relations	03(3-0)
SOC-307	Introduction to Sociology	03(3-0)
QTR-421	Quantitative Reasoning I	03(3-0)
LAW-303	Tolerance and Law	02(2-0)
+THQ-I	Teaching of The Holy Quran -I	1(1–0)
Semester 2		
ENG-322	Expository Writing	03(3-0)
ISL-321	Islamic Studies/ Ethics	02(2-0)
LAW- 302	Legal System of Pakistan	02(2-0)
HIS-404	History (1857-till date)	02(2-0)
LAW-304	Law of Torts-I	02(2-0)
QTR-422	Quantitative Reasoning II	03(3-0)
ECO-408	Issues in Pakistan Economy	03(3-0)
ENT-422	Entrepreneurship	02(2-0)
LAW-306	Law of Contract I	02(2-0)
Semester 3		
LAW-401	Islamic Jurisprudence I	03(3-0)
LAW-403	Law of Torts II	02(2-0)
LAW- 405	Law of Contract II	02(2-0)
LAW-407	Constitutional Law I (UK)	03(3-0)
PSY-321	Introduction to Psychology	03(3-0)
CCE-421	Civics & Community Engagements	02(2-0)
GSC-321	The Science of Global Challenges	03(3-0)
+THQ-II	Teaching of The Holy Quran -II	1(1–0)
Semester 4		
LAW-402	Human Rights Law	03(3-0)
LAW-404	Constitutional Law II (USA)	03(3-0)
LAW-406	Islamic Jurisprudence II	03(3-0)
LAW-408	Jurisprudence I	03(3-0)
ICT-321	Application of Information & Communication Technologies	03(2-1)
LAW-412	Constitutional Development In Pakistan	03(3-0)
Semester 5		
LAW-501	Jurisprudence II	03(3-0)
LAW-503	Consumer Protection Laws	03(3-0)
LAW-505	Islamic Personal Law I	03(3-0)
LAW-507	Criminal Law I	03(3-0)
LAW-509	Law of Property	03(3-0)
LAW-511	Environmental Laws	03(3-0)
+THQ-III	Teaching of The Holy Quran -III	1(1–0)
Semester 6		
LAW-502	Constitutional Law III (Pakistan)	03(3-0)
LAW-504	Law of Business Organizations	03(3-0)
LAW-506	Islamic Personal Law II	03(3-0)
LAW-508	Criminal Law II	03(3-0)
LAW-510	Special and Local Laws	03(3-0)
LAW-512	Equity and Specific Relief Act	03(3-0)
Semester 7		
LAW-601	Public International Law I	02(2-0)
LAW-603	Introduction to Logic and Legal Reasoning	02(2-0)
LAW-605	Civil Procedure I	03(3-0)
LAW-607	Criminal Procedure I	03(3-0)
LAW-609	Law of Evidence I	03(3-0)
LAW-611	Legal Drafting I	02(2-0)
INT-631	Internship	03(0-3)
+THQ-IV	Teaching of The Holy Quran -IV	1(1–0)
Semester 8		
LAW-602	Public International Law II	02(2-0)
LAW-604	Research Methods	03(3-0)
LAW-606	Civil Procedure II	03(3-0)
LAW-608	Criminal Procedure II	03(3-0)
LAW-610	Law of Evidence II	03(3-0)
LAW-612	Legal Drafting II	02(2-0)
LAW-614	Labour Laws	02(2-0)
Internship: After completion of 8th semester and before 10 semester (During Summer Vacations)		
+ Audit Course		
Semester 9		
LAW-651	Banking Laws	03(3-0)
LAW-653	Minor Acts	03(3-0)
LAW-655	Elective I	03(3-0)

LAW-657	Elective II	03(3-0)
LAW-659	Moot Cases and Professional Ethics	03(3-0)
CAP-630	Capstone Project	03(3-0)
Semester 10		
LAW-652	Administrative Law	03(3-0)
LAW-654	Interpretation of Statutes and Legislative Drafting	03(3-0)
LAW-656	Elective III	03(3-0)
LAW-658	Elective IV	03(3-0)
LAW-662	Public Interest Litigation	03(3-0)
LAW-664	Elective V	03(3-0)
List of Elective Subjects		
LAW-663	Alternate Dispute Resolution	03(3-0)
LAW-664	Banking Laws	03(3-0)
LAW-665	Conflict of Laws	03(3-0)
LAW-666	Consumer Protection Laws	03(3-0)
LAW-667	Custom and Tariff Laws	03(3-0)
LAW-668	e-Commerce Law	03(3-0)
LAW-669	Election Laws	03(3-0)
LAW-670	Environmental Laws	03(3-0)
LAW-671	Gender and Law	03(3-0)
LAW-672	Insurance laws	03(3-0)
LAW-673	Intellectual Property Laws	03(3-0)
LAW-674	International Economic Law	03(3-0)
LAW-675	International Humanitarian Law	03(3-0)
LAW-676	International Institutions	03(3-0)
LAW-677	International Trade Law	03(3-0)
LAW-678	Islamic Commercial Laws	03(3-0)
LAW-679	Labour Laws	03(3-0)
LAW-680	Land Laws	03(3-0)
LAW-681	Law and Development	03(3-0)
LAW-682	Law and Energy	03(3-0)
LAW-683	Local and Special Laws	03(3-0)
LAW-684	Media Laws	03(3-0)
LAW-685	Medical and Forensic Law	03(3-0)
LAW-686	Mergers and Acquisitions	03(3-0)
LAW-687	Minor Acts (Criminal Laws)	03(3-0)
LAW-688	Islamic Legal Maxims	03(3-0)
LAW-689	Public Interest Litigation	03(3-0)
LAW-690	Securities Regulation	03(3-0)
LAW-691	Shipping and Admiralty Laws	03(3-0)
LAW-692	Taxation Laws	03(3-0)
LAW-693	Telecommunication Laws	03(3-0)
LAW-694	Food Laws	03(3-0)
LAW-695	Police Rules	03(3-0)
LAW-696	Prisons Laws	03(3-0)
LAW-697	Juvenile Justice System	03(3-0)
LAW-698	Trial Advocacy (Civil & Criminal)	03(3-0)
LAW-699	Service Laws	03(3-0)

LLM

Compulsory Course		
LAW-707	Legal Research Methodology and Writing	3(3-0)
Optional Courses		
LAW-701	Administrative Law.	3(3-0)
LAW-702	Alternate Dispute Resolution	3(3-0)
LAW-703	International Law	3(3-0)
LAW-704	Intellectual Property Laws	3(3-0)
LAW-705	Banking Laws	3(3-0)
LAW-706	Criminology	3(3-0)
LAW-708	Law of Evidence	3(3-0)
LAW-709	Comparative Human Rights Law	3(3-0)
LAW-710	Commercial / Business Laws	3(3-0)
LAW-711	Constitutionalism and Constitutional Law	3(3-0)
LAW-712	Comparative Environmental Law	3(3-0)
LAW-713	Comparative Study of Islamic and Western Jurisprudence	3(3-0)
LAW-714	Legal History of Pakistan and India	3(3-0)
LAW-715	International Economic Law	3(3-0)
LAW-716	Company & Corporate Law	3(3-0)
LAW-717	International Trade Law	3(3-0)
LAW-718	Islamic Laws	3(3-0)
LAW-719	Labour Laws	3(3-0)
LAW-720	Law and Politics	3(3-0)
LAW-721	Law and Society in South Asia	3(3-0)
LAW-722	Law of International Institutions	3(3-0)
LAW-723	Law of Taxation	3(3-0)
LAW-724	Shipping Law	3(3-0)
LAW-725	Western Jurisprudence and Legal Theory	3(3-0)
LAW-726	Comparative Study of Wild Life Laws	3(3-0)
LAW-727	Comparative Study of Immigration Laws	3(3-0)
STA-795	Statistic of Research	3(2-1)
Thesis		
LAW-728	Seminar (General)	1(0-1)
LAW-729	Seminar (Research)	1(0-1)
LAW-730	Thesis	6(0-6)

At least 24 Credit Hours course work is compulsory. More than 24 courses can be offered by the college of law. Courses will be offered keeping in view the availability of the teachers.







Department of Applied Linguistics

Phone: 041-9200158
Email: masimrai@gmail.com



Programs Offered

1. BS English Language Teaching (ELT)
2. BS English Language Teaching (ELT)
3. MPhil Applied Linguistics
4. PhD Linguistics

Chairperson: Prof. Dr. Muhammad Asim Mahmood



Vision

Our vision is to be among the best Applied Linguistics departments in the world by producing world class graduates and scholars well versed in both theoretical and applied aspects of language studies, teaching and research, particularly, to enable the learners to cope with the radical changes taking place in the third world. The Department stimulates humanistic learning and the capacity to respond rationally and imaginatively to second and foreign language learning through the advancement of knowledge, skills and human creativity in the merging scenario of globalization.

Mission

Applied linguistics generally incorporates several identifiable subfields: for example, corpus linguistics, forensic linguistics, language testing, language policy and planning, lexicography, second language acquisition, second language writing, and translation and interpretation. The mission of the Department of Applied Linguistics at Government College University is to:

- Produce knowledge through research on all aspects of linguistics and language use including language teaching, language and business, language and society, language policy, language and the deaf, language and culture, language and law, language and politics etc.,
- Train students to appreciate the nature of language in general and regional languages in particular, and their role in the development of the society,
- Prepare our students to take up prominent roles and provide solutions in all aspects of public life where language expertise in all forms is called for.
- The term 'applied linguistics' refers to a broad range of activities which involve solving some language-related problem or addressing some language-related concern. It has earlier appeared as though applied linguistics, at least in North America, and was first officially recognized as an independent course at the University of Michigan in 1946. Now, It has become an independent department in all over the world universities. The objective of the department of Applied Linguistics Government College University is to produce intercultural harmony with the collaboration of worldwide famous universities.

Introduction

The Department aims at serving the nation by filling the gap of expertise in language-related studies in the country, directing its special attention to qualitative improvement in the profession of language teaching/learning and language-analysis through field-specific research. The Department seeks to join hands with the HEC in paving the way towards the common goals of achieving excellence in language-related studies/research and embarks upon this enterprise in conjunction with the centers sharing similar aspirations.

In order to realize its aims, the Department offers specialized courses at different levels such as BS (Hons) in English Literature & Linguistics (Morning & Evening), MA English Linguistics & Literature (Morning & Evening), MPhil in Applied Linguistics and PhD in Applied Linguistics. Our spirited team aims at providing students with an understanding of the theoretical and empirical foundations of various disciplines of linguistics and applied linguistics, enabling them to develop an informed and critical awareness of the issues of linguistic problems, their analyses and the solutions with innovative techniques. Above all, the students are trained to seek relevance and applications of theoretical perspectives in the national context. Alongside academics, the Department organizes various events to enhance its students' competencies in educational as well as social life. The students

who are awarded degrees from the Department have a vast range of job opportunities at national and international levels.

The faculty members of the Department have contributed more than hundred research papers to academic journals in addition to presenting papers at various conferences across Pakistan.

The Postgraduate Diploma in ELT is an evening program, primarily intended for teacher training. The syllabus of this program includes the latest models of grammar, and approaches and techniques of language teaching and testing.

Faculty

Prof. Dr. Muhammad Asim Mahmood
Chairman
PhD (BZU-Pakistan)
Specialization: Corpus Linguistics, Pakistani English

Dr. Aleem Shakir
Assistant Professor
PhD (IIUI - Pakistan)
Specialization: Corpus Linguistics, Multidimensional (MD)

Dr. Syed Kazim Shah
Assistant Professor
PhD (IIUI - Pakistan)
Specialization: English Language Teaching (ELT), Critical Literacy

Dr. Hafiz Muhammad Qasim
Assistant Professor (OPS)
PhD (BZU-Pakistan)
Specialization: ELT), Systemic Functional Grammar, Lexicography

Dr. Shahida Naz
Assistant Professor (OPS)
PhD (BZU-Pakistan)
Specialization: ELT, CALL / MALL

Ms. Rabia Yasmeen
Lecturer
PhD Scholar
Specialization: Sociolinguistics, Testing and Evaluation

Ms. Aisha Zulfiqar Choudhary
Lecturer (study leave)
PhD Scholar
Specialization: World Englishes, (ELT), Corpus Linguistics

Ms. Ansa Sattar
Lecturer (on study leave)
PhD Scholar
Specialization: Phonetics & Phonology, ELT Discourse Analysis

Dr. Wardah Azhar
Lecturer
PhD
Specialization: English Language Teaching (ELT), Critical Literacy

Dr. Muhammad Imran Shah
Lecturer
PhD (UUM-Malaysia).
Specialization: ELT, Language Learning Research, Corpus linguistics, Discourse Anlysis

Scheme of Studies
BS English Literature & Linguistics

Semester 1		
LNG-301	Introduction to Linguistics	3(3-0)
LNG-303	Study Skills	3(3-0)
LNG-305	English Grammar	3(3-0)
LNG-307	Introduction to Literary Studies	3(3-0)
ISL-321	Islamic Studies/Ethics	2(2-0)
ICT-321	Applications of Information and Communication Technologies	3(3-0)
+THQ-I	Teaching of The Holy Quran -I	1(1–0)
Semester 2		
ICP-321	Ideology and Constitution of Pakistan	2(2-0)
LNG-302	Academic Reading and Writing Skills	3(3-0)
LNG-304	Phonetics and Phonology	3(3-0)
LNG-306	Classical and Romantic Poetry	3(3-0)
LNG-308	Rise of the Novel (18th & 19th Century English Novel)	3(3-0)
SOC-307	Introduction to Sociology	3(3-0)
Semester 3		
QTR-421	Quantitative Reasoning-I	3(3-0)
GCS-321	The Science of Global Challenges	3(3-0)
LNG-405	ELT Methods and Approaches	3(3-0)
LNG-407	Classical and Renaissance Drama	3(3-0)
LNG-409	Semantics and Pragmatics	3(3-0)
LNG-411	Academic Listening and Speaking Skills	3(3-0)
IAD-525	AI for Creative Arts	3(0-3)
THQ-II	Teaching of the Holy Quran-II	1(1-0)
Semester 4		
QTR-422	Quantitative Reasoning-II	3(3-0)
LNG-402	Sociolinguistics	3(3-0)
CCE-321	Civics and Community Engagement	3(3-0)
LNG-404	Modern English Drama	3(3-0)
LNG-406	Morphology and Syntax	3(3-0)
PST-321	Pakistan Studies	2(2-0)
Semester 5		
LNG-501	Task-Based Language Teaching	3(3-0)
LNG-503	Second Language Acquisition	3(3-0)
LNG-505	Modern English Poetry	3(3-0)
LNG-507	Modern English Novel	3(3-0)
LNG-509	Corpus Linguistics	3(3-0)
LNG-509	Corpus Linguistics	3(3-0)
THQ-III	Teaching of the Holy Quran-III	1(1-0)
Semester 6		
LNG-502	Assessment in the Language Classroom	3(3-0)
LNG-504	History of English Literature	3(3-0)
LNG-506	Pakistani Literature in English	3(3-0)
LNG-508	Stylistics	3(3-0)
LNG-510	Computer-Assisted Language Learning	3(3-0)
ENT-422	Entrepreneurship	3(3-0)
Summer Semester		
INT-631	Internship	3(0-3)
Semester 7		
LNG-601	Research Methodology in Applied Linguistics	3(3-0)
LNG-603	Literary Criticism	3(3-0)
LNG-605	Syllabus Design	3(3-0)
LNG-607	Discourse Analysis	3(3-0)
LNG-609	Forensic Linguistics	3(3-0)
LNG-611	AI for English Language Learning	3(3-0)
+THQ-611	Teaching of The Holy Quran -IV	1(1–0)
Semester 8		

LNG-602	Literary Theory	3(3-0)
LNG-604	Capstone Project	3(3-0)
LNG-606	English for Specific Purposes	3(3-0)
LNG-608	World Literature	3(3-0)
LNG-610	Translation Studies	3(3-0)
* Compulsory courses for all BS students		

BS English Language Teaching (ELT)

Semester 1		
LNG-301	Introduction to Linguistics	3(3-0)
LNG-303	Study Skills	3(3-0)
LNG-305	English Grammar	3(3-0)
LNG-307	Introduction to Literary Studies	3(3-0)
LNG-309	Academic Reading and Writing Skills	3(3-0)
CSI-321	Introduction to Computing Applications	3(2-1)
+THQ-I	Teaching of The Holy Quran -I	1(1–0)
Semester 2		
LNG-302	Life Skills	3(3-0)
LNG-304	Phonetics and Phonology	3(3-0)
LNG-306	Classical and Romantic Poetry	3(3-0)
LNG-308	Rise of the Novel (18th & 19th Century English Novel)	3(3-0)
SOC-307	Introduction to Sociology	3(3-0)
ISL-321	Islamic Studies	2(2-0)
ISL-322	Ethics (for Non-Muslims only)	2(2-0)
Semester 3		
LNG-401	Sociolinguistics	3(3-0)
LNG-403	Morphology and Syntax	3(3-0)
LNG-405	ELT Methods and Approaches	3(3-0)
LNG-407	Classical and Renaissance Drama	3(3-0)
LNG-409	Semantics and Pragmatics	3(3-0)
LNG-411	Academic Listening and Speaking Skills	3(3-0)
+THQ-II	Teaching of The Holy Quran -II	1(1–0)
Semester 4		
STA-321	Introduction to Statistical Theory	3(3-0)
LNG-404	Language Descriptions	3(3-0)
LNG-406	Introduction to Teaching Language Skills	3(3-0)
LNG-408	Modern English Drama	3(3-0)
PSY-422	Introduction to Psychology	3(3-0)
PST-321	Pakistan Studies	2(2-0)
Semester 5		
LNG-501	Task-Based Language Teaching	3(3-0)
LNG-503	Second Language Acquisition	3(3-0)
LNG-511	World Literature	3(3-0)
LNG-521	Teaching Language Skills	3(3-0)
CCE-321	Civics and Community Engagement	3(3-0)
LNG-525	Corpus Linguistics and Language Teaching	3(3-0)
+THQ-III	Teaching of The Holy Quran -III	1(1–0)
Semester 6		
LNG-502	Assessment in the Language Classroom	3(3-0)
LNG-512	Computer-Assisted Language Learning	3(3-0)
LNG-522	Teaching Grammar Communicatively	3(3-0)
LNG-524	Error Analysis and Feedback	3(3-0)
LNG-526	Teaching English to Young Learners	3(3-0)
ENT-422	Entrepreneurship	3(3-0)
Summer Semester		
INT-631	Internship	3(0-3)
Semester 7		
LNG-621	Research Methodology in ELT	3(3-0)
LNG-623	Teaching Language Through Literature	3(3-0)
LNG-625	Language Curriculum Design	3(3-0)
LNG-627	Discourse Analysis and Language Teaching	3(3-0)
LNG-629	Lesson Planning	3(3-0)
LNG-630	AI for English language Learning	3(3-0)
+THQ-IV	Teaching of The Holy Quran -IV	1(1–0)
Semester 8		
LNG-604	Capstone Project	3(3-0)
LNG-606	English for Specific Purposes	3(3-0)
LNG-622	Microteaching and Teaching Practice	3(3-0)
LNG-626	Materials Development and Evaluation	3(3-0)
LNG-630	Management and Leadership in ELT	3(3-0)

Note: For 8 weeks the students of BS (ELT) will go to different schools for Micro Teaching Practice (LNG-622) and will submit a report (LNG-604) to the department.

BS English (Literature & Linguistics) 5th Semester (Bridging)

Deficiency Semester		
LNG-301	Introduction to Linguistics	3(3-0)
LNG-304	Phonetics and Phonology	3(3-0)
LNG-307	Introduction to Literary Studies	3(3-0)
LNG-405	ELT Methods and Approaches	3(3-0)
LNG-406	Morphology and Syntax	3(3-0)
LNG-409	Semantics and Pragmatics	3(3-0)
Semester 5		
LNG-501	Task-Based Language Teaching	3(3-0)
LNG-503	Second Language Acquisition	3(3-0)
LNG-505	Modern English Poetry	3(3-0)
LNG-507	Modern English Novel	3(3-0)
LNG-509	Corpus Linguistics	3(3-0)
LNG-511	Academic Listening and Speaking Skills	3(3-0)
THQ-III	Teaching of the Holy Quran-III	1(1-0)
Semester 6		
LNG-502	Assessment in the Language Classroom	3(3-0)
LNG-504	History of English Literature	3(3-0)
LNG-506	Pakistani Literature in English	3(3-0)
LNG-508	Stylistics	3(3-0)
LNG-510	Computer-Assisted Language Learning	3(3-0)
ENT-422	Entrepreneurship	3(3-0)
Internship in Summer semester after 6th Semester		
INT-631	Internship	3(3-0)
Semester 7		
LNG-601	Research Methodology in Applied Linguistics	3(3-0)
LNG-603	Literary Criticism	3(3-0)
LNG-605	Syllabus Design	3(3-0)
LNG-607	Discourse Analysis	3(3-0)
LNG-609	Forensic Linguistics	3(3-0)
LNG-611	AI for English Language Learning	3(3-0)
Semester 8		
LNG-602	Literary Theory	3(3-0)
LNG-604	Capstone Project	3(3-0)
LNG-606	English for Specific Purposes	3(3-0)

LNG-608	World Literature	3(3-0)
LNG-610	Translation Studies	3(3-0)

MPhil in Applied Linguistics / PhD in Linguistics

*LNG-701	Research Methodology-I	3(3-0)
*LNG-705	Research Methodology-II	3(3-0)
**LNG-709	Research Methods in Applied Linguistics-I	3(3-0)
**LNG-710	Research Methods in Applied Linguistics-II	3(3-0)
Other Mandatory Requirements for M.Phil		
LNG-728	Seminar General	1(0-1)
LNG-729	Seminar Research	1(0-1)
LNG-730	Thesis	6(0-6)
Other Mandatory Requirements for PhD		
LNG-758	Seminar General	1(0-1)
LNG-759	Seminar Research	1(0-1)
LNG-760	Thesis	
* Core Course for MPhil and 3 Elective Courses in Each Semester ** Core Course for PhD and 2 Elective Courses in Each Semester		

List of Elective Courses for MPhil and PhD

**LNG-702	Corpus Linguistics	3(3-0)
LNG-703	Multidimensional Analysis	3(3-0)
LNG-704	World Englishes	3(3-0)
LNG-724	Materials Evaluation and Development	3(3-0)
LNG-706	Applied Lexicology	3(3-0)
LNG-707	Advanced Stylistics	3(3-0)
LNG-708	Syntactic Theory	3(3-0)
LNG-712	Language and Gender	3(3-0)
LNG-713	Language, Culture and Identity	3(3-0)
LNG-714	Translation Studies	3(3-0)
LNG-715	Discourse Analysis	3(3-0)
LNG-716	Contrastive Rhetoric	3(3-0)
LNG-717	Systemic Functional Grammar	3(3-0)
LNG-718	Language in Social Context	3(3-0)
LNG-719	Stylistics	3(3-0)
LNG-720	Genre Analysis	3(3-0)
LNG-721	Language Testing	3(3-0)
**LNG-722	Applied Linguistics	3(3-0)
LNG-723	Syntax	3(3-0)
LNG-725	Semantics and Pragmatics	3(3-0)
LNG-726	Forensic Linguistics	3(3-0)
LNG-732	Advancement in Second Language Acquisition	3(3-0)
LNG-733	Bilingualism	3(3-0)
LNG-734	Computer Assisted Language Learning	3(3-0)
LNG-735	Language Teacher Education	3(3-0)
LNG-736	Class room Talk	3(3-0)
LNG-737	ELT Methodology	3(3-0)
LNG-738	Vocabulary	3(3-0)
Note ** Mandatory for PhD students if not studied in MPhil		







Department of Applied Psychology

Phone: 041-9200952
Email: rabiakhawar@gcuf.edu.pk



Programs Offered

1. **BS Applied Psychology**
2. **MS Clinical Psychology**
3. **PhD Applied Psychology**

Chairperson: Prof. Dr. Rabia Khawar



Vision

Fundamental purpose of the Department of Applied Psychology is to provide task orientated quality education to the students and to produce skillful professionals in the field of clinical psychology as well as in other applied areas of psychology. Moreover, the Department of Applied Psychology puts efforts to spread awareness among students, and the public regarding mental health issues and their possible solutions for improving well-being of the community.

Mission

The Department of Applied Psychology is committed to excellence in undergraduate, graduate and post-graduate education. The Department promotes a collaborative and exciting learning environment for the students and faculty through extensive training programs. Besides providing foundation to the knowledge of basic psychological processes; our programs offer the students insight into the future challenges of rapidly changing world and society. Our graduates are expected to follow the ethical professional guidelines of the science of psychology are committed to the educational and moral values of our university. We not only train the students for dealing with mental health problems but also focus on promoting psychological well-being in community through awareness seminars, workshops and conferences.

Introduction

The Department of Applied Psychology, Government College University Faisalabad first started M.Sc Applied Psychology in 2004 and later, BS (Hons) Applied Psychology in 2006. MS in Clinical Psychology was started in 2010 followed by PhD in Applied Psychology in 2018. The department provides high quality education, intensive clinical training, hand-on experience, and cutting-edge research exposure to students. Our students are pursuing excellent career and providing dedicated services in various fields of psychology; thus contributing for socio- economic growth and community wellbeing.

Faculty

Prof. Dr. Rabia Khawar
Chairperson
PhD (GCU Lahore - Pakistan)
Specialization: Cognitive Psychology , Developmental Psychopathology & Psychometrics

Dr. Khalid Mahmood Bhatti
Associate Professor
PhD (Bahria University - Pakistan)
Specialization: Clinical Psychology & Psychometrics

Dr. Qasir Abbas
Assistant Professor-Clinical Psychology (TTS)
PhD (UOK - Pakistan)
Specialization: Psychodiagnosis, Psychotherapy & Psychometrics

Dr. Muhammad Umar Khan
Assistant Professor
PhD (UTM - Malaysia)
Specialization: Educational Psychology & Qualitative Research

Dr. Shazia Habib
Assistant Professor
PhD (GCU Lahore - Pakistan)
Specialization: Forensic Psychology & Clinical Psychology

Dr. Arif Nadeem
Assistant Professor (OPS)
PhD (UMT-Pakistan)
Specialization: Clinical Psychology & Psychometrics

Dr. Saima Saeed
Assistant Professor (OPS)
PhD (PU-Pakistan)
Specialization: Child Psychology & Psychometrics

Dr. Rabia Maryam
Assistant Professor (OPS)
PhD (GCUF-Pakistan)
Specialization: Clinical Psychology & Educational Psychology

Dr. Abida Kareem
Assistant Professor (OPS)
PhD (GCUF-Pakistan)
Specialization: Clinical Psychology & Counseling Psychology

Dr. Asma Riaz
Assistant Professor (OPS)
PhD (GCUF-Pakistan)
Specialization: Clinical Psychology & Health Psychology

Ms. Fozia Akram
Lecturer
PhD (GCUF-Pakistan)
Specialization: Clinical Psychology & Personality Psychology

Ms. Fareeha Fatima
Lecturer
MPhil (GCU Lahore - Pakistan)
Specialization: Industrial /Organizational Psychology

Ms. Zartashia Kynat Javaid
Lecturer (On Study Leave)
PhD (Scholar)
Specialization: Clinical Psychology & Social Psychology

Ms. Abida Ajid Ali
Teaching Assistant
MS (GCUF - Pakistan)
Specialization: Clinical Psychology & Counseling Psychology

Scheme of Studies
BS Applied Psychology

Semester 1		
ENG-321	Functional English	3(3-0)
ISP-321	Ideology and Constitution of Pakistan	2(2-0)
ICT-321	Applications of Information & Communicative Technologies	3(3-0)
BGD-317 / SOC-307	Art, Craft, and Calligraphy / Introduction to Sociology	3(0-3) 3(3-0)
WSC-321	What is Science?	3(3-0)
PSY-301	Introduction to Psychology-I	3(2-1)
+THQ-I	Teaching of The Holy Quran -I	1(1–0)
Semester 2		
ENG-322	Expository Writing	3(3-0)
ISL-321 ISL-322	Islamic Studies / Ethics	2(2-0) 2(2-0)
PSY-302	Introduction to Psychology-II	3(2-1)
PSY-304	Introduction to Data in Psychology	2(1-1)
EDU-503	Foundation of Education	3(3-0)
URD-321	Functional Urdu	2(2-0)
MCM- 352	Basics of Mass Communication	2(2-0)
PST-321	Pakistan studies	2(2-0)
Semester 3		
CCE-421	Civic and Community Engagement	2(2-0)
QTR-421	Quantitative Reasoning-I	3(3-0)
PSY-401	History & Systems in Psychology	3(3-0)
PSY-403	Personality Psychology	3(3-0)
IAD-465 / IRS-301	Drawing-I / Introduction to International Relations	3(0-3) 3(3-0)
PSY-405	Social Psychology	3(3-0)
+THQ-II	Teaching of The Holy Quran -II	1(1–0)
Semester 4		
QTR-422	Quantitative Reasoning-II	3(3-0)
ENT-422	Entrepreneurship	2 (2-0)
PSY-402	Developmental Psychology	3(3-0)
PSY-404	Positive Psychology	3(3-0)
PSY-406	Behavioral Neurosciences	4(4-0)
IAD-466 / MPH-601	Drawing-II / Foundation of Public Health	3(0-3) 3(3-0)
Semester 5		
PSY-501	Psychological Testing & Measurement-I	3(3-0)
PSY-503	Mental Health and Psychopathology-I	3(3-0)
PSY-505	Research Methodology-I	3(3-0)
PSY-507	Application of Statistics in Psychology	3(2-1)
PSY-509	Cognitive & Affective Processes	4(3-1)
+THQ-III	Teaching of The Holy Quran -III	1(1–0)
Semester 6		
PSY-502	Psychological Testing & Measurement-II	3(2-1)
PSY-504	Mental Health and Psychopathology-II	3(3-0)
PSY-506	Research Methodology-II	3(2-1)
PSY-508	Counseling Psychology	4(3-1)
PSY-510	Health Psychology	4(3-1)
Semester 7		
PSY-601	Clinical Psychology-I	3(3-0)
PSY-603	Industrial and Organizational Psychology	3(3-0)
PSY-607	Educational Psychology	4(3-1)
PSY-617	Psychological Research Report and Article Writing	3(0-3)
INT-631	Internship	2(0-2)
+THQ-IV	Teaching of The Holy Quran -IV	1(1–0)
Semester 8		
PSY-602	Clinical Psychology-II	4(3-1)
PSY-604	Community Psychology	3(2-1)
PSY-608	Forensic Psychology	3(3-0)
PSY-618	Child & Family Psychology	3(3-0)
CAP-630	Capstone Project	3(0-3)
Note: Specialization (Clinical Psychology) will be offered in 7th and 8th semesters. BS Apllied Psychology with specialization in clinical psychology includes following courses in 7th and 8th semster (for University only).		
BS Applied Psychology (Clinical)		
Semester 7		
PSY-609	Psychological Interventions-I	3(3-0)
PSY-611	Child Psychopathology and Assessment	3(3-0)
PSY-613	Clinical Placement (Child)	3(0-3)

CAP-630	Capstone Project	3(0-3)
PSY-617	Psychological Research Report and Article Writing	3(0-3)
*THQ-IV	Teaching of the Holy Quran -IV	1(1–0)
Semester 8		
PSY-610	Adult Psychopathology and Assessment	4(4-0)
PSY-612	Psychological Interventions -II	3(3-0)
PSY-615	Drug Addiction and Rehabilitation	3(2-1)
PSY-616	Clinical Placement (Adult)	3(0-3)
PSY-618	Child & Family Psychology	3(3-0)
Course for Other Departments		
PSY-321	Introduction to Psychology	3(3-0)
PSY-310	Basics of Psychology	2(2-0)

Deficiency courses For BA /BSc Students

PSY-401	History & Systems in Psychology	3(3-0)
PSY-402	Developmental Psychology	3(3-0)
PSY-403	Personality Psychology	3(3-0)
PSY-405	Social Psychology	3(3-0)
PSY-407	Biological Basis of Behavior	3(3-0)

PMDCP

Semester 1		
Psy-683	Research Methodology and Data Analysis-I	4(3-1)
Psy-685	Psychodiagnosis and Assessment-I	3(3-0)
Psy-687	Psychotherapy -I	3(3-0)
Psy-689	Psychophysiology & Psychopharmacology-I	3 (3-0)
Psy-691	Internship	4(0-4)
Semester 2		
Psy-684	Research Methodology and Data Analysis-II	4(3-1)
Psy-686	Psychodiagnosis and Assessment-II	3(3-0)
Psy-688	Psychotherapy -II	3(3-0)
Psy-690	Psychophysiology & Psychopharmacology-II	3(3-0)
Psy-692	Internship	4(0-4)
Summer Semester		
Psy-693	Internship	4(0-4)

MS Clinical Psychology

Core Courses for MS Clinical Psychology		
PSY-701	Quantitative Research Methods and Data Analysis in Clinical Psychology	3(3-0)
PSY-702	Psycho diagnosis and Assessment-I	3(3-0)
PSY-703	Psychotherapy –I	3(3-0)
PSY-704	Psychophysiology & Psychopharmacology-I	3(3-0)
PSY-705	Clinical Training and Placement-I	3(0-3)
PSY-711	Qualitative Research Methods and Data Analysis in Clinical Psychology	3(3-0)
PSY-712	Psychodiagnosis and Assessment-II	3(3-0)
PSY-713	Psychotherapy –II	3(3-0)
PSY-714	Psychophysiology & Psychopharmacology-II	3(3-0)
PSY-710	Clinical Training and Placement-II	3(0-3)
PSY-715	Clinical Training and Placement-III	4(0-4)
Mandatory Courses for MS Clinical Psychology		
PSY-730	Thesis	6(0-6)
PSY-728	Seminar (General)	1(0-1)
PSY-729	Seminar (Research)	1(0-1)

PhD in Applied Psychology

Core Courses for PhD Applied Psychology		
PSY-716	Advanced Research Designs and Data Analysis-I	3(3-0)
PSY-718	Advanced Methods of Assessment	2(2-0)
PSY-717	Advanced Research Designs and Data Analysis-II	3(2-1)
PSY-719	Instrument Development & Psychometric Evaluation	2(2-0)
Optional Courses for PhD Applied Psychology		
PSY-720	I. Clinical Psychology-I	2(2-0)
PSY-722	II. Educational Psychology-I	2(2-0)
PSY-724	III. Health Psychology-I	2(2-0)
PSY-726	IV. Forensic Psychology-I	2(2-0)
PSY-733	V. Industrial Organizational Psychology-I	2(2-0)
PSY-732	VI. Cognitive Psychology-I	2(2-0)
PSY-721	I. Clinical Psychology-II	2(2-0)
PSY-723	II. Educational Psychology-II	2(2-0)
PSY-725	III. Health Psychology-II	2(2-0)
PSY-727	IV. Forensic Psychology-II	2(2-0)
PSY-735	V. Industrial Organizational Psychology-II	2(2-0)
PSY-731	VI. Cognitive Psychology-II	2(2-0)
PSY-734	Internship-I /Practical -I	3(0-3)
PSY-747	Internship-II /Practical -II	3(0-3)
Mandatory Courses for PhD Applied Psychology		
PSY-746	Developing Research Proposal	1(0-1)
PSY-758	Seminar (General)	1(0-1)
PSY-759	Seminar (Research)	1(0-1)
PSY-760	Thesis	---







Department of Education

Phone: 041-9201556
Email: education@gcuf.edu.pk



Programs Offered

1. BEd (Hons) Elementary
2. BEd 1.5 Year
3. MPhil Education
4. PhD Education

Chairperson: Dr. Bushra Naoreen



Vision

To prepare reflective educators and researchers who possess theoretical knowledge as well as practical mastery of pedagogical techniques and who can face future challenges in the education sector with confidence and to develop in graduates a critical understanding of the core areas of education by providing quality education. .

Mission

The Department strives to prepare professional educators and researchers with the knowledge, skills and dispositions needed for life and work in an interdependent global community. The department provides flexible, multi-method learning opportunities with a variety of approaches including lectures, tutorial group discussions, seminars, presentations, research work, teaching practice, fieldwork etc.

Introduction

The department of Education was established in 2003 with an idea of providing quality education to the individuals interested in adopting teaching as a profession. The department has been evolving and flourishing according to the social and technological changes in the society in general and the educational environment in particular. The department aims to provide quality education and research to prepare reflective educators who can meet future challenges in the education sector. The department intends to develop in its graduates a critical understanding of the core issues of education and research aptitude. So that after completing the programmes, the graduates can serve different fields of education and research.

Faculty

Dr. Bushra Naoreen
AssociateProfessor (TTS) / Chairperson
PhD (IUB)
Specialization: Teacher Education & Research in Education

Dr. Shumaila Shahzad
Associate Professor (TTS)
PhD
Specialization: Educational Psychology & Measurement

Dr. Khuda Bakhsh Malik
Associate Professor (TTS)
PhD
Science Education, Educational Leadership & Management

Dr. Muhammad Naeem Mohsin
Assistant Professor (On Ex-Pakistan Leave)
PhD, Post Doc (Austria)
Specialization: Special Education & Training, Distance Education

Dr. Muhammad Shabbir
Assistant Professor
PhD
Specialization: Administration & Management, TQM

Dr. Shamaiela Mehboob
Assistant Professor (OPS)
PhD (GCUF)
Specialization: Educational Administration

Dr. Shafqat Rasool
Assistant Professor (OPS)
PhD, Post Doc (UK)
Specialization: Educational Administration, TQM

Ms. Hina Gull
Lecturer
MPhil
Specialization: Educational Administration

Ms. Asma Ishtiaq
Lecturer
MPhil
Specialization: Educational Administration

BEd (Hons) Elementary

Semester 1		
ENG-321	Functional English	3(3-0)
ISL-321	Islamic Studies / Ethics (for non-Muslims only)	2(2-0)
EDU-305	Child development	3(3-0)
URD-321	Urdu	3(3-0)
WSC-321	What is Science?	3(3-0)
EDU-311	General methods of teaching	3(3-0)
*THQ-I	Teaching of the Holy Quran - I	1(1-0)
Semester 2		
ENG-322	Expository writing	3(3-0)
ICT-321	Applications of information & communication technologies	3(2-1)
EDU-306	Philosophy of education	3(3-0)
QTR-421	Quantitative reasoning I	3(3-0)
ICP-321	Ideology and constitution of Pakistan	2(2-0)
EDU-312	Methods of teaching Islamic Studies	3(3-0)
Semester 3		
QTR-422	Quantitative reasoning II	3(3-0)
EDU-403	Teaching literacy skills	3(3-0)
IAD-447	Drawing I (Arts & Humanities)	2(0-2)
EDU-407	Teaching of Urdu/Regional Languages	3(3-0)
CCE-421	Civics and community engagement	2(2-0)
EDU-409	Teaching practice I (Internal)	3(0-3)
*THQ-II	Teaching of the Holy Quran-II	1(1-0)
Semester 4		
EDU-402	Classroom assessment	3(3-0)
EDU-404	Teaching of English	3(3-0)
PST-321	Pakistan Studies	2(2-0)
ENT-422	Entrepreneurship	2(2-0)
INM-303	Introduction to Information Management (Social Sciences)	2(2-0)
EDU-410	Teaching Practice (Primary)	3(0-3)
Semester 5		
EDU-501	School, Community and Teacher	3(3-0)
EDU-503	Foundations of Education	3(3-0)
GSS-321 HIS-301	General Science 1 (for science students) / Introduction to History (for arts students) (content from discipline I)	3(3-0)
MTH-321 CSI-551	Algebra and Trigonometry (for science students) / Computer Science I (for arts students) (content from discipline II)	3(3-0)
EDU-509	Curriculum Development	3(3-0)
EDU-511	Comparative Education	3(3-0)
*THQ-III	Teaching of the Holy Quran-III	1(1-0)
Semester 6		
EDU-502	Contemporary Trends and issues in Education	3(3-0)
GSS-322 GEO-321	General Science II (for science students) / Introduction to Geography (for arts students) (content from discipline I)	3(3-0)
MTH-322 CSI-552	Introduction to Calculus (for science students) / Computer Science II (for arts students) (content from discipline II)	3(3-0)
EDU-508	Educational Psychology	3(3-0)
EDU-510	Introduction to guidance and counseling	3(3-0)
EDU-512	Teaching Practice (Elementary)	3(0-3)
Semester 7		
EDU-601	Inclusive Education	3(3-0)
EDU-603	Data Analysis in Education	3(3-0)
EDU-605	Quantitative Research Methods in Education	3(3-0)
EDU-607 EDU-609	Teaching of General Science / Teaching of Social Studies (Pedagogy of contents from discipline I)	3(3-0)
EDU-611 EDU-613	Teaching of Mathematics / Teaching of Computer Science (Pedagogy of contents from discipline II)	3(0-3)
EDU-615	Teaching Practice	3(0-3)
*THQ-1V	Teaching of the Holy Quran-1V	1(1-0)
Semester 8		
EDU-602	School Management	3(3-0)
EDU-604	Test development and evaluation	3(3-0)
EDU-606	Classroom management	3(3-0)
EDU-608	Reflective Practice	3(3-0)
EDU-610	Qualitative Research Methods in Education	3(3-0)
CAP-630	Research project	3(0-3)

Deficiency Courses For Bridging Students

Deficiency Courses for Bridging Students		
EDU-311	General Methods of Teaching	3(3-0)
ENG-321	Functional English	3(3-0)
EDU-306	Philosophy of Education	3(3-0)
EDU-402	Classroom Assessment	3(3-0)
EDU-305	Child Development	3(3-0)

BEd 1.5 years/3 semesters

Semester 1		
EDU-551	Philosophy of Education	3(3-0)
EDU-553	Introduction to Educational Psychology	3(3-0)
EDU-555	Sociology of Education	3(3-0)
EDU-557	Educational Management & Supervision	3(3-0)
EDU-559	Curriculum Development & Implementation	3(3-0)
EDU-561	Research Methods in education	3(3-0)
Semester 2		
EDU-552	Educational Technology	3(3-0)
EDU-556	Educational Measurement & Evaluation	3(3-0)
	Area of Specialization (Course-I)	3(3-0)
	Area of Specialization (Course-II)	3(3-0)
	Area of Specialization (Course-III)	3(3-0)
	Area of Specialization (Course-IV)	3(3-0)
Semester 3		

EDU-611	Teaching Practice	6(0-6)
EDU -613	General Methods of Teaching	3(3-0)
EDU-615	Inclusive Education	3(3-0)
EDU-631	Research Project	3(0-3)
ENG-421	Communication Skills	3(3-0)
Elective Courses		
Group 1: Leadership and Management		
EDU-562	Management Strategies in Educational Institutions	3(3-0)
EDU-564	School Administration and Supervision	3(3-0)
EDU-661	Human Resource Management	3(3-0)
EDU-568	School Leadership	3(3-0)
Group 2: Information and Communication Technology in Education		
EDU-570	Educational Technology	3(3-0)
EDU-572	Computers in Education	3(3-0)
EDU-574	Education and Media	3(3-0)
EDU-576	Education and Social Media	3(3-0)
Group 3: Teacher Education		
EDU-578	Elementary Education	3(3-0)
EDU-580	Secondary Education	3(3-0)
EDU-582	Higher Education	3(3-0)
EDU-584	Teacher Education in Pakistan	3(3-0)
Group 4: Science Education		
EDU-586	Foundations of Science Education	3(3-0)
EDU-588	Assessment in Science Education	3(3-0)
EDU-589	Laboratory Organization, Management and Safety Methods	3(3-0)
EDU-590	General Science in Schools	3(3-0)
Group 5: Inclusive Education		
EDU-592	Foundations of Inclusive Education	3(3-0)
EDU-594	Psychology of Special Children	3(3-0)
EDU-596	Socialization of Children with Special Needs	3(3-0)
EDU-598	Assessment of Children with Special Needs	3(3-0)

MPhil and PhD Education

EDU-701	Advanced Educational Administration and Management *	3(3-0)
EDU-702	Advanced Educational Psychology *	3(3-0)
EDU-703	Curriculum Planning and Development *	3(3-0)
EDU-704	Advanced Research Methods in Education *	3(3-0)
STA-795	Statistics for Research *	3(3-0)
EDU-705	Assessment and Evaluation in Education *	3(3-0)
EDU-731	Research Methodology (Qualitative, Quantitative and Mixed Method)	3(3-0)
EDU-732	Data Analysis Techniques	3(3-0)
EDU-733	Academic Writing Skills	3(3-0)
EDU-734	Philosophical Paradigms of Education **	3(3-0)
EDU-735	Emerging Trends in Teacher Education **	3(3-0)
EDU-736	Policy Studies in Education **	3(3-0)
EDU-737	Technology in Education **	3(3-0)
EDU-738	Emerging trends in Educational Research **	3(3-0)
EDU-739	Comparative Education **	3(3-0)
*** Students will choose any two courses from Specialization**		
Group 1: Educational Administration		
EDU-707	Organizational Theory and Behavior in Education	3(3-0)
EDU-708	Total Quality Management (TQM) in Education	3(3-0)
EDU-709	Human Resource Management in Education	3(3-0)
EDU-710	Educational Leadership and Supervision	3(3-0)
Group 2: Educational Psychology		
EDU-711	Psychology of Exceptional Children	3(3-0)
EDU-712	Learning and Instructions	3(3-0)
EDU-713	Psychological Testing	3(3-0)
EDU-714	Social Psychology	3(3-0)
Group 3: Curriculum Studies		
EDU-715	Trends and Issues in Curriculum	3(3-0)
EDU-716	Curriculum Theories and Practices	3(3-0)
EDU-717	Curriculum Evaluation and Assessment	3(3-0)
EDU-718	Curriculum Change and Innovation in Education	3(3-0)
Group 4: Educational Assessment and Evaluation		
EDU-719	Test theories and Designs	3(3-0)
EDU-720	Trends and Issues in Educational Assessment	3(3-0)
EDU-721	Test Development	3(3-0)
EDU-722	Methods and techniques of Classroom Assessment	3(3-0)

*Courses for MPhil program

** Core courses for PhD students; They will have to take three core courses as and when offered by the department.

Mandatory Requirements for MPhil		
STA-795	Statistics for Research	3(2-1)
EDU-728	Seminar (General)	1(0-1)
EDU-729	Seminar (Research)	1(0-1)
EDU- 730	Thesis	6 (0-6)
Mandatory Requirements for PhD		
EDU-758	Seminar (General)	1(0-1)
EDU-759	Seminar (Research)	1(0-1)
EDU- 760	Thesis	

*Ph.D students who have not studied the course “Statistics for Research” in M.Phil will have to take this course as audit course as mandatory requirement.


One-Day Workshop on
Navigating the Shift:
Response to Evolution in Educational Paradigms for
Global Citizenship and Sustainable Development
December 8, 2023
Speaker:
Prof. Dr. Nasir Mahmood
Vice-Chancellor
Allama Iqbal Open University, Islamabad/
Chairperson NACTE
Jointly Organized by:
Department of Education & Directorate of Training


Navigating the Shift:
Response to Evolution in Educational Paradigms for
Global Citizenship and Sustainable Development
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GOVERNMENT
COLLEGE UNIVERSITY
FAISALABAD
One-Day Seminar on
ROLE OF UNIVERSITY TEACHERS IN
ACADEMIC PLANNING & TEACHING
Chief Guest
Prof. Dr. Nasir Amin
Vice Chancellor
Govt. College University, Faisalabad
Speaker
Prof. Dr. Munawar Sultana Mirza
Former Vice Chancellor
University of Education, Lahore
Host
Prof. Dr. M. Asim Mahmood
Dean, FASS
Co-Host
Dr. Bushra Naoreen
Chairperson, Dept. of Education
Organizer
Dr. Shafqat Rasool
Assistant Professor
December 20, 2023
12:00 noon
Iqbal Hall, GCUF
Organized by



Department of
English Literature

Phone: 041-9201413
Email: engliterature@gcuf.edu.pk

Programs Offered

1. BS English Language & Literature
2. MPhil English Literature
3. PhD English Literature

Chairperson: Prof. Dr. Ghulam Murtaza



Vision

The Department aims to stimulate humanistic learning and the capacity to respond rationally and imaginatively to literature and life. Through the advancement of knowledge, skills and human creativity, the Department prepares students to be independent, enlightened thinkers aiming to work as professionals and opinioned leaders of tomorrow.

Mission

The mission of the Department of English Literature at Government College University is to inspire an appreciation for the English language and its literatures, and to cultivate its effective use in creative expression and day-to-day life. The Department strives to enhance student success by fostering an environment conducive to intellectual and personal growth and aims to preserve and protect academic freedom and intellectual independence. It provides a forum for critical inquiry and debate. Our mission is to instil in the students a spirit of critical inquiry with a capability to look beyond their parochial surroundings and analytical vision to place and define themselves in the wider social, cultural, political and ideological environment. Through our extensive curriculum, we aim at the development of an educated and enlightened population capable of informed judgment and responsible citizenship and the availability of persons who have the knowledge, skills and adaptability required by public and private enterprise.

Introduction

The Department of English Literature is one of the leading departments of the University with a rich history of excellence, quality teaching and research spanning over decades. The Department has always been committed to the symbiotic relationship of teaching, research and the larger concerns of society. The Department of English seeks to address the diverse needs of its students by offering them the opportunity to read widely, understand and enjoy what they read, and to express themselves both orally and in writing with ease, force and clarity. The English Department maintains its strong commitment to traditional areas of study, while also supporting groundbreaking research and teaching in new and interdisciplinary approaches to literary studies.

The Department grants BS, M Phil and PhD degrees. We are one of the largest departments in the university with 28 regular & more than 50 visiting faculty members. The Department of English caters for the needs of other departments related to English language, hence maintaining close ties with other departments. English Department teaches across the whole range of English literature and language studies including English Translation Studies. Our aim is to provide students with a stimulating environment in which to develop skills in all areas of English.



Faculty

Prof. Dr. Ghulam Murtaza
Professor
PhD (NUML-Pakistan)
Specialization: Native American Literature, CDA

Prof. Dr. Ali Usman Saleem
Professor
PhD (University of Bedfordshire, England)
Specialization: 9/11 & Pakistani Literature in English

Dr. Muhammad Asif
Associate Professor
PhD (NUML-Pakistan)
Specialization: Postcolonial Studies, Shakespearean Studies

Dr. Asma Aftab
Associate Professor
PhD (NUML-Pakistan)
Specialization: Feminism & Pakistani Literature in English

Dr. Aamer Shaheen
Assistant Professor
PhD (IUB-Pakistan)
Specialization: Pakistani literature in English, Literary Theory

Dr. Sadia Akram
Assistant Professor (OPS)
PhD (GCUF-Pakistan)
Specialization: Comparative Literature, World Literature

Dr. Sadia Qamar
Assistant Professor (OPS)
PhD (WUM-Pakistan)
Specialization: Modern English Poetry, Novel in "englishes"

Mr. Noor-ul-Qamar Qasmi
Lecturer
PhD (Scholar, NUML-Pakistan)
Specialization: Popular Narratives, Post Colonialism

Ms. Uzma Asmat
Lecturer (On Study Leave)
PhD (Scholar)
Specialization: Discourse Analysis

Ms. Saddaf Rashid
Lecturer
PhD (Scholar, GCUF-Pakistan)
Specialization: Feminist Literary Criticism

Ms. Safana Hashmat
Lecturer
PhD (Scholar, GCUF-Pakistan)
Specialization: Modernism and Post Modernism

Mr. Muhammad Afzal Khan Janjua
Lecturer
PhD (Scholar, GCUF-Pakistan)
Specialization: Post-colonial Literature, Novel, Criticism

Mr. Tasawar Abbas Shah
Lecturer
PhD (Scholar, UNM-USA)
Specialization: Syntax , Semantics, Classical Drama

Ms. Sahar Javaid
Lecturer
PhD (Scholar, GCUF-Pakistan)
Specialization: English Literature, Novel, Communication Skills

Ms. Nosheen Yousaf
Lecturer
M.Phil (FC College, Pakistan)
Specialization: Postcolonial Studies, TranscuLtural Studies

Ms. Sajjida Iqbal
Lecturer (On Study Leave)
PhD (Scholar, GCUF-Pakistan)
Specialization: New Historicism, Psychoanalysis

Ms. Kanza Umer Khan
Lecturer
PhD (Scholar, GCUF-Pakistan)
Specialization: Communication Skills, Report-writing

Ms. Hina Kanwal
Lecturer
M.Phil (GCUF-Pakistan)
Specialization: American Literature

Ms. Anum Javed
Lecturer
M.Phil (GCUF-Pakistan)
Specialization: Post Historicism

Ms. Farkhanda Nazir
Lecturer (On study leave)
PhD (Scholar, FJWU-Pakistan)
Specialization: Literary Theory, Research Methodology & Novel

Ms. Kiran Rabbani
Lecturer
PhD (Scholar) (GCUF-Pakistan)
Specialization: CDA, SFL, ELT, Corpus Linguistics

Ms. Sonia Rafique
Lecturer
M.Phil (UMT-Pakistan)
Specialization: Phonetics & Phonology, CDA, TEFL

Ms. Sabeen Nadeem
Lecturer
M.Phil (GCUF-Pakistan)
Specialization: Modern Novel, Communication Skills

Ms. Zahida Rehman
Lecturer
M.Phil (GCUF-Pakistan)
Specialization: Modern Novel, Communication Skills

Ms. Tabassum Maqbool
Lecturer
M.Phil (GCUF-Pakistan)
Specialization: Feminisim, Creative Writing, Literary Theory

Ms. Samreen
Lecturer
M.Phil (GCUF-Pakistan)
Specialization: Communication Skills

Scheme of Studies
BS English Language & Literature

Semester 1		
ENG-321	Functional English	3(3-0)
ICP-321	Ideology and Constitution of Pakistan	2(2-0)
ICT-321	Applications of Information and Communication Technologies	3(2-1)
ENG-303	Introduction to Literary Studies	3(3-0)
GSC-321	The Science of Global Challenges	3(3-0)
PSY-310	Basics of Psychology	2(2-0)

+THQ-I	Teaching of The Holy Quran -I	1(1–0)
Semester 2		
ENG-322	Expository Writing	3(3-0)
ISL-321	Islamic Studies/Ethics	2(2-0)
ENG-304	Classical Poetry	3(3-0)
ENG-306	History of English Literature	3(3-0)
ENG-308	Greek and Elizabethan Drama	3(3-0)
ENG-310	Basic English Grammar	3(3-0)
Semester 3		
CCE-421	Civics and Community Engagement	2(2-0)
QTR-421	Quantitative Reasoning-I	3(3-0)
ENG-403	Introduction to Linguistics	3(3-0)
ENG-405	Romantic and Victorian Poetry	3(3-0)
ENG-407	Prose	3(3-0)
URD-321	Tarekh-e-Urdu Abab Aur Adbi Tehreken	2(2-0)
PST-321	Pakistan Studies	2(2–0)
+THQ-II	Teaching of The Holy Quran -II	1(1–0)
Semester 4		
QTR-422	Quantitative Reasoning-II	3(3-0)
BAM-422	Entrepreneurship	2(2-0)
ENG-402	World Literature	3(3-0)
ENG-404	Literary Criticism	3(3-0)
ENG-406	Classical and Victorian Novel	3(3-0)
ENG-408	Literature of War and Conflict	3(3-0)
Semester 5		
ENG-501	Literary Theory I	3(3-0)
ENG-503	Pakistani Literature in English I	3(3-0)
ENG-505	Modern Drama	3(3-0)
ENG-507	American Literature I	3(3-0)
ENG-511	Modern Poetry	3(3-0)
ENG-513	Modern Novel	3(3-0)
+THQ-III	Teaching of The Holy Quran -III	1(1–0)
Semester 6		
ENG-502	Literary Theory II	3(3-0)
ENG-504	Translation Studies	3(3-0)
ENG-506	Pakistani Literature in English II	3(3-0)
ENG- 508	Research Methodology	3(3-0)
ENG-510	American Literature II	3(3-0)
ENG-512	Content and Copywriting	3(3-0)
Semester 7		
ENG-601	Popular Narrative	3(3-0)
ENG-603	Postcolonial Theory	3(3-0)
ENG-605	Pakistani Literature in Translation	3(3-0)
ENG-607	Theatre of the Absurd	3(3-0)
CAP-630	Capstone Project	3(3-0)
+THQ-IV	Teaching of The Holy Quran -IV	1(1–0)
Semester 8		
ENG-602	Digital Humanities	3(3-0)
ENG-604	Discourse Studies	3(3-0)
ENG-606	Life Narrative Studies	3(3-0)
ENG-608	Postcolonial Literature	3(3-0)
ENG-610	TESOL	3(3-0)
INT-631	Internship	3(0-3)

Deficiency Courses For Briding Semester

ENG-303	Introduction to Literary Studies	3(3-0)
ENG-304	Classical Poetry	3(3-0)
ENG-306	History of English Literature	3(3-0)
ENG-308	Greek and Elizabethan Drama	3(3-0)
ENG-404	Literary Criticism	3(3-0)
ENG-406	Classical and Victorian Novel	3(3-0)

MPhil / PhD English Literature

Core Courses		
*ENG-701	Literary Theory	3(3-0)
*ENG-704	Research Methodology	3(3-0)
*ENG-705	Postcolonial Studies	3(3-0)
*ENG-706	Pakistani Literature in English	3(3-0)
**ENG-711	Advanced Research Methods	3(3-0)
**ENG-712	Literary and Critical Studies	3(3-0)
Other Manadatory Requirment for M.Phil		
ENG-728	Seminar (Genral)	1(1-0)
ENG-721	Seminar (Research)	1(1-0)
ENG-730	Thesis	6(6-0)

* Core course for M.Phil and 2 elective courses in each semester
** Core course for Ph.D and 2 elective courses in each semester

List of Elective Courses for Mphil / Phd English		
ENG-702	20th Century Drama and Poetry	3(3-0)
ENG-703	20th Century Fiction	3(3-0)
ENG-707	American Literature	3(3-0)
ENG-708	World Literature in Translation	3(3-0)
ENG-709	Classical Rhetorical Studies	3(3-0)
ENG-710	South Asian Literature	3(3-0)
ENG-713	Contemporary Pakistani Literature	3(3-0)
ENG-714	Literatures Across Time and Cultures	3(3-0)
ENG-715	Postcolonial Theory and Literature	3(3-0)
ENG-716	Gender Studies	3(3-0)
ENG-717	Native American Literatures n Shakespearean Studies	3(3-0)
Other Manadatory Requirment for Ph.D		
ENG-758	Seminar General	1(0-1)
ENG-759	Seminar Research	1(0-1)
ENG-760	Thesis	



Department of History

Phone: 041-9201428
Email: historyhi100@gcuf.edu.pk



Programs Offered

1. BS History
2. BS Heritage & Toursim
3. MPhil History
4. PhD History

Chairman: Prof. Dr. Rizwan Ullah Kokab



Vision

We aim to be a leader of the disciplines of social sciences by developing analytical tools excelling in teaching, scholarship and exploiting opportunities for academic research.

Mission

To make the discipline of history an excellent part of social sciences for the students by inculcating a curiosity for raising and sorting out solutions to questions about the complex past of humankind. Thus, enabling them to become productive parts of the society. The department instills the students with a passion for in-depth knowledge and skills to understand phenomenon of the human experiences by a comparative study of the past and present societies cultures and Civilizations.

Introduction

The discipline of History was launched by bifurcation of already existing Department of Pakistan Studies and Political Science that was in 2011 renamed as the Department of History and Pakistan Studies.This department was further bifurcated in two independant departments i.e. History and Pakistan studies.

As history focuses the actions and deeds of the human beings, therefore, it studies the past societies, cultures and events caused by human beings in particular time and space. The Department of History specifically deals with those societies, cultures and events with reference to the temporal and special dimensions. Besides the core subjects of History, Historiography/Philosophy of History and Research Methodology, the department imparts learning and understanding in a wide range of subjects and topics, such as social, cultural, geographical, political, economic and religious contours. The Department of History exclusively offers the courses of history, therefore, it also envisions in the near future to offer the neglected courses of the history of designing, history of art and history of architecture and History of Archives. The department believes to teach the courses in a way to enable the students to draw lessons from the past experiences of human beings and to help the contemporary society in correcting its course of action.

The goal and objective of the faculty of the Department of History is to create a conducive environment for the students to polish their skills and become experts in carrying out quality research in the discipline of History. The horizon and spectrum of the discipline of history is very broad and it encompasses various periods, epochs and events. It covers the histories of geographies, topographies, areas, regions, continents, wars, religions, governments, elections, constitutional developments, economies, movements, personalities, concepts, languages, literature, cultures, civilizations, writings, medicines, food, arts and paintings. Being multi-disciplinary in nature, history is connected with all other social sciences as they deal with the actions and deeds of human beings within the society and has come out from the lap of history itself. History shares concepts and ideas with these various disciplines and in return borrows from them. Keeping in view, the faculty of the Department of History intends to teach the subject from that broader perspective. Besides, the Department aims at, the promotion of factual and interpretive history, curiosity to find the truth, generalization, objectivity, unbiased and unprejudiced approach, and curiosity to find the truth. For the pursuit of enhancing conceptual and intellectual capabilities of and activities of the students, the Department has a functional Society and Study Circle. That is why the Department is growing and flourishing day by day in size and performance.

Faculty

Prof. Dr. Rizwan Ullah Kokab
Professor/Chairman
PhD, Post Doc (Edinburgh UK).
Specialization: Movements, Separatism, Elections, Institutions

Mr. Ghulam Ghous
Assistant Professor
M.Phil (QAU-Pakistan)
Specialization: Freedom Movement, Party Politics

Dr. Muhammad Dilshad Muhabbat
Assistant Professor
PhD (QAU-Pakistan)
Specialization: Education in Colonial Punjab

Dr. Azmat Ullah
Assistant Professor
PhD (QAU-Pakistan)
Specialization: Pastun's Struggle for Power in Afghanistan

Dr. Mansoor Ahmed
Assistant Professor (OPS)
PhD (France)
Specialization: Religion and Politics in Pakistan

Dr. Mazhar Abbas
Assistant Professor (OPS)
PhD (China)
Specialization: Landed Aristocracy in Pakistan

Dr. Somia Tasneem
Assistant Professor (OPS)
PhD (University of Canterburg - New Zealand)
Specialization: Federalisim & Parlimentary Democracy in Pak.

Ms. Asma Naureen
Lecturer (on Study Leave)
Ph.D (Scholar)
Specialization: Pakistan Movement

Mr. Zaighum Sarfraz Kamoka
Lecturer (on Study Leave)
Ph.D (Scholar)
Specialization: Modern south Asia & governance crises in Pak.

Mr. Muhammad Hassan Sanwal
Lecturer
PhD (Scholar)
Specialization: Pakistan Movement, Political History

Scheme of Studies
BS History

Semester 1		
ISL-321	Islamic Studies - OR - Religious Education/ Ethic (For Non-Muslims)	2 (2-0)
HIS-322	Social Sciences (History, Society and State)	2 (2-0)
HIS-321	Arts and Humanities (History and Civilizations)	2 (2-0)
HIS-301	Introduction to History	3 (3-0)
HIS-413	History of Communication and Media	3 (2-1)
HIS-501	History of Islam (571-750)	3 (3-0)
HET-308	Socio-Cultural Heritage & Tourism in Pakistan	3 (3-0)
THQ-I	**Teaching of Holy Quran - I	1(1-0)
Semester 2		
HIS-403	Muslim Struggle for Independence in India (1857-1947)	3 (3-0)
HIS-407	Historical Geography of Pakistan	3 (2-1)
HIS-409	Historical Analysis of Pakistan's Major Problems	3 (3-0)
HET-301	Introduction to Heritage and Tourism	3 (3-0)
ENG-322	*Expository Writing	3 (3-0)
ICT-321	*Application of Information and Communication Technologies	3 (3-0)
Semester 3		
HET-305	Tourist Destinations in Pakistan	3 (2-1)
HIS-336	History of Abbasids	3 (3-0)
HIS-304	Study of Archives	3 (2-1)
HET-421	Heritage and Tourism for Peace	3 (3-0)
ENG-321	*Functional English	3 (3-0)
QTR-421	*Quantitative Reasoning – I	3 (3-0)
THQ-II	**Teaching of Holy Quran - II	1(1-0)
Semester 4		
QTR-422	*Quantitative Reasoning – II	3 (3-0)
WSC-321	*What is Science?	3 (2-1)
ICP-321	*Ideology and Constitution of Pakistan	2 (2-0)
HIS-101 / ENT-422	*Entrepreneurship (Social Media for Promotion of Heritage) / *Entrepreneurship	2 (1-1)
HIS-102 / CCE-321	*Civics and Community Engagement (Heritage and Museums) / *Civics and Community Engagement	2 (1-1)
HIS-404	Introduction to Archeology	3 (2-1)
HIS-408	Historiography	3 (3-0)
Semester 5		
HIS-306	Basics of Research Methodology	3 (3-0)
HIS-302	History of Ancient India (Earliest to 712 AD)	3 (3-0)
HIS-503	**Political History of Pakistan (1947-2018)**	3 (3-0)
HIS-616	Introduction to Philosophy	3 (3-0)
	Elective – 1	
	Elective – 2	
THQ-III	**Teaching of Holy Quran - III	1(1-0)
Semester 6		
HIS-502	Advanced Methods of Historical Research	3 (3-0)
HIS-505	Muslims in South Asia (712-1526)	3 (3-0)
HIS-507	Electoral Politics in Pakistan	3 (3-0)
HIS-411	Foreign Policy of Pakistan	3 (3-0)
	Elective – 3	
	Elective – 4	
Summer Semester		
INT-631	* Internship	3 (0-3)
Semester 7		
HIS-506	Muslims in South Asia (1526-1707)	3 (3-0)
HIS-721	Cultural History of Pakistan	3 (3-0)
HIS-808	Applied Research Methods	3 (2-1)
	Elective – 5	
	Elective – 6	
THQ-IV	** Teaching of The Holy Quran -IV	1(1–0)
Semester 8		
HIS-603	Muslims in South Asia (1707-1857)	3 (3-0)
HIS-512	Constitutional History of Pakistan	3 (3-0)
HIS-514	Civil-Military Relations in Pakistan	3 (3-0)
	Elective – 7	
	Elective – 8	
Compulsory Requirement		
CAP-630	*Capstone Project	3 (0-3)
Elective I, II, III, IV will be selected from the list below		

HIS-621	History of the Punjab (712-1849)	3 (3-0)
HIS-622	History of the Punjab (1849-1947)	3 (3-0)
HIS-623	History of Postcolonial Punjab (1947-2018)	3 (3-0)
HIS-609	Migration and Rehabilitation in Punjab	3 (3-0)
HIS-627	History of Baluchistan	3 (3-0)
HIS-504	History of Afghanistan	3 (3-0)
HIS-601	History of Khyber Pakhtunkhwa	3 (3-0)
HIS-626	History of Sindh	3 (3-0)
HIS-624	History of the Lyallpur (1876-2018)	3 (3-0)
HIS-733	History of Text and Coinage in South Asia	3 (3-0)
HIS-707	History of Literary Movements in South Asia	3 (3-0)
HIS-608	History of Sufism in India	3 (3-0)
HIS-511	International Organizations	3 (3-0)
HIS-610	Religion and Politics in Pakistan	3 (3-0)
HIS-809	History of Parliamentary Institutions in Pakistan	3 (3-0)
HIS-611	Federalism in Pakistan	3 (3-0)
HIS-614	State and Society in Pakistan	3 (3-0)
HIS-612	Political Parties in Pakistan	3 (3-0)
HIS-613	Women Empowerment in Pakistan	3 (3-0)
HIS-615	History of Arts in Pakistan	3 (3-0)
HIS-605	History of Ottomans (1299-1924)	3 (3-0)
HIS-412	History of USA	3 (3-0)
HIS-604	History of Europe	3 (3-0)
HIS-625	History of France	3 (3-0)
HIS-304	Study of Archives	3 (2-1)
HIS-375	History of Muslims in Spain	3 (3-0)
HIS-509	History of Ancient Civilizations	3 (3-0)
HIS-628	History of Central Asia	3 (3-0)
*As decided by Academic Council **Audit Courses		

Deficiency courses For BA /BSc/ ADP Students

HIS-301	Introduction to History	3 (3-0)
HIS-408	Historiography	3 (3-0)
HIS-407	Historical Geography of Pakistan	3 (2-1)
HIS-403	Muslim Struggle for Independence in India (1857-1947)	3 (3-0)
HIS-336	History of Abbasids	3 (3-0)
HIS-501	History of Islam (571-750)	3 (3-0)

BS Heritage and Tourism

Semester 1		
ISL-321	Islamic Studies - OR - Religious Education/ Ethic (For Non-Muslims)	2 (2-0)
HIS-322	Social Sciences (History, Society and State)	2 (2-0)
HIS-321	Arts and Humanities (History and Civilizations)	2 (2-0)
HET-301	Introduction to Heritage and Tourism	3 (3-0)
HET-305	Tourist Destinations in Pakistan	3 (3-0)
HET-309	Religious Tourism in Pakistan	3 (3-0)
HIS-413	History of Communication and Media	3 (3-0)
THQ-I	** Teaching of The Holy Quran –I	1(1-0)
Semester 2		
HET-421	Heritage and Tourism for Peace	3 (3-0)
HIS-407	Historical Geography of Pakistan	3 (2-1)
HET-405	Contemporary Challenges in the Promotion of Tourism in Pakistan	3 (3-0)
HET-313	Cultural Tourism in Pakistan	3 (3-0)
ENG-322	*Expository Writing	3 (3-0)
ICT-321	*Application of Information and Communication Technologies	3 (3-0)
Semester 3		
HIS-624	History of the Lyallpur (1876-2018)	3 (3-0)
HIS-721	Cultural History of Pakistan	3 (3-0)
HET-402	Heritage and Civilizations in South Asia	3 (3-0)
HET-406	Heritage Management	3 (2-1)
ENG-321	*Functional English	3 (3-0)
QTR-421	*Quantitative Reasoning – I	3 (3-0)
THQ-II	** Teaching of The Holy Quran –II	1(1-0)
Semester 4		
QTR-422	*Quantitative Reasoning – II	3 (3-0)
WSC-321	*What is Science?	3 (2-1)
ICP-321	*Ideology and Constitution of Pakistan	2 (2-0)
HET-101 / ENT-422	*Entrepreneurship (Social Media and Promotion of Heritage) / *Entrepreneurship	3(3-0)
HET-102 / CCE-321	*Civics and Community Engagement (Heritage, Archeology and Tourist Organizations) / *Civics and Community Engagement	3(2-1)
HET-308	Socio-Cultural Heritage & Tourism in Pakistan	3 (3-0)
HET-317	Emerging Trends in Tourism	3 (3-0)
Semester 5		
HET-302	Basics of Research Methodology	3 (3-0)
HET-320	Tourism Marketing	3 (2-1)
HET-303	Financial Management for Tourist Tours	3 (2-1)
HET-401	Cultural Heritage in Pakistan and Tourism	3 (3-0)
	Elective – 1	
	Elective – 2	
THQ-III	** Teaching of The Holy Quran –III	1(1-0)
Semester 6		
HET-307	Advanced Methods of Research	3 (3-0)
HET-315	Event Management Skills for Tourism	3 (2-1)
HET-409	Heritage Preservation Legislation in Pakistan	3 (3-0)
HET-306	Social Media for Promotion of Tourism	3 (2-1)
	Elective – 3	
	Elective – 4	
Summer Semester		
INT-631	*Internship	3 (0-3)
Semester 7		
HET-312	Applied Research Methods	3 (2-1)
HET-441	Religious Heritage in Pakistan and Tourism	3 (3-0)
HET-314	Hospitality and Tourism	3 (2-1)
	Elective – 5	
	Elective – 6	
THQ-IV	** Teaching of The Holy Quran –IV	1(1-0)
Semester 8		
HET-316	Heritage, Tourism and International Relations	3 (3-0)
HET-321	Media Management for Tourism	3 (2-1)
HET-422	Echo-Tourism in Pakistan	3 (3-0)
	Elective – 7	
	Elective – 8	

Elective Courses (five courses will be chosen from list)		
HET-408	Archeological Heritage in Punjab	3 (3-0)
HET-410	Archeological Heritage in Sindh	3 (3-0)
HET-411	Archeological Heritage in KPK	3 (3-0)
HET-412	Archeological Heritage in Baluchistan	3 (3-0)
HET-442	Archeological Heritage in South Asia	3 (3-0)
HET-403	Muslim Heritage in Pakistan	3 (3-0)
HET-501	Heritage of Hinduism in Pakistan and Tourism	3 (3-0)
HET-511	Effects of Migrations on Heritage in Punjab	3 (3-0)
HET-502	Sikh Heritage in Pakistan and Tourism	3 (3-0)
HET-503	Gandhara Heritage in Pakistan and Tourism	3 (3-0)
HET-504	Christian Heritage in Subcontinent and Tourism	3 (3-0)
HET-505	Buddhist Heritage and Tourism in Pakistan and Tourism	3 (3-0)
HET-506	Jain Heritage in Pakistan and Tourism	3 (3-0)
HET-507	Sports Tourism in Pakistan	3 (3-0)
HET-508	Human Resource Management for Tourism	3 (3-0)
HET-509	Heritage and Visitor Attraction Management	3 (3-0)
HET-512	Art, Culture and Heritage of Baluchistan	3 (3-0)
HET-513	Art, Culture and Heritage of Khyber Pakhtunkhwa	3 (3-0)
HET-514	Art, Culture and Heritage of Sindh	3 (3-0)
HET-515	Art, Culture and Heritage of Punjab	3 (3-0)
HET-516	Art, Culture and Heritage of Gilgit	3 (3-0)
HET-517	Art, Culture and Heritage of Waseb	3 (3-0)
HET-518	Art, Culture and Heritage of Lyallpur	3 (3-0)
HET-519	History of Muslim Art of Central Asia	3 (3-0)
HET-520	History of South Asian Art	3 (3-0)
HET-521	History of Modern Art	3 (3-0)
HET-522	History of Muslim Art in Subcontinent	3 (3-0)
*As decided by Academic Council **Audit Courses		

MPhil/PhD History

Core Courses for MPhil		
HIS-701	Methods of Historical Research	3(3-0)
HIS-703	Trends in Historiography	3(3-0)
HIS-702	Philosophy of History	3(3-0)

Core Courses for PhD		
HIS-705	Applied Historical Research	3(3-0)
HIS-706	Issues in Philosophy of History	3(3-0)
Optional Courses for MPhil & PhD		
HIS-732	Foreign Policy Analysis	3(3-0)
HIS-708	Study of Archives	2(2-0)
HIS-710	Primary Sources on Freedom Movement, 1857-1947	2(2-0)
HIS-712	Regional History (Punjab, Sindh, KPK, Baluchistan, AJK, Tribal Areas, etc.)	3(3-0)
HIS-714	History of Colonialism in India	3(3-0)
HIS-716	River Valley Civilizations	2(2-0)
HIS-718	History of Migrations	3(3-0)
HIS-720	Sufism in South Asia	3(3-0)
HIS-707	Contemporary issues of Pakistan	3(3-0)
HIS-709	Kashmir/any other contemporary issue	3(3-0)
HIS-711	Study of Leadership	2(2-0)
HIS-713	Study of a Historical Movement(s)	2(2-0)
HIS-715	Study of an Institution(Plarliment, Judiciary Executive and Bureaucracy)	2(2-0)
HIS-717	Study of Personalities in History	3(3-0)
HIS- 719	Study of an Era (specific period in History)	3(3-0)
HIS-721	Study of a Region	3(3-0)
HIS-723	Modern Trends in Historiography	2(2-0)
HIS-725	Problems of History Writing in Pakistan	3(3-0)
HIS-727	History of Muslim Natinalism in South Asia	2(2-0)
HIS-722	Human Rights	3(3-0)
HIS-724	Politics of Political Parties in Pakistan	2(2-0)
HIS-726	Islam in South Asia	3(3-0)
HIS-734	Persian as Historical Source	3(3-0)
HIS-731	History of Electoral Politics in Pakistan	2(2-0)
Mandatory Requirements for MPhil		
HIS- 728	Seminar (General)	1(0-1)
HIS-729	Seminar (Research)	1(0-1)
HIS-730	Thesis	6(0-6)
Mandatory Requirements for PhD		
HIS-758	Seminar (General)	1(0-1)
HIS-759	Seminar (Research)	1(0-1)
HIS-760	Thesis	

* Students will study in PhD if not studied in MPhil.









Department of Home Economics

Phone: (041)9203032



Programs Offered

1. BS Home Economics
   - Food and Nutrition
   - Textile and Clothing
   - Housing Home Management and Interior Design
   - Human Development and Family Studies
2. MS Food & Nutrition
3. MS Textile and Clothing

Chairperson: Dr. Farhana Nosheen



Vision

To shape-up the future professionals in optimizing the nutritional health, well-being and positive development of individuals, families and communities. With a commitment to the principles of Human wellbeing, the Department is providing the transformative academic, research and outreach programs which promote the overall well-being of people and their living.

Mission

To enable the students with innovative skills and knowledge that will improve the quality of life at individual and community level. Department is also carving out integrated Food, Textile, Art &Craft and management skills in the students to work as an entrepreneurs for income generating purposes.

Introduction

Home Economics is committed to educate and empower human by imparting knowledge of nutrition, hygiene, safety, public health, early childhood development, personality development, textile technologies, Fashion designing, Interior Designing and latest trends of Applied Arts and Crafts. This integrated field of Social Sciences provides an opportunity to study five major disciplines of Home Economics i.e. Food and Nutrition, Textile and Clothing, Art and Design, Human Development and Family studies, Interior Design which is a unique blend of subject's may open National/International revenue for personal, professional, skilled income generation and social enhancement.

Home Economics department was established in 2004, with the passage of time department producing graduates, who are working in government and private sector institutions/ organizations as well as individual entrepreneurs.

Home Economics as a leading profession focusing on effective utilization of the multi-dimensional inherent potential of the students and preparing them to meet and overcome challenges of community with in changing and complex global society.

Students gain knowledge in specific areas of garment construction, Pattern making, Draping, Fashion Designing, Textile Chemistry, Experimental Textile, Colour Chemistry,Textile Designing, Textile Processing and Textile research. All the Offered Degrees are dealing with Management Studies to equip students with the knowledge about strategic, tactical and analytic traits to make sound business decisions in new entities. Our undergraduate Major offers students' hands-on dealing with real-world applications; small, friendly atmosphere in collaboration with international and national institutions like:

1. College of Human Sciences, Iowa State University of Science & Technology, USA
2. University of Home Economics Lahore
3. Punjab Technical & Vocational Institutes
4. Allied Hospital, Faisalabad
5. Alshifa International Hospital, Islamabad
6. Sheikh Zaid Hospital, Lahore
7. Rabia Trust, Robina Memorial, Faisalabad.
8. Prime Care Hospital, Faisalabad
9. WHO Divisional Office, Faisalabad
10. Child Protection Bureau, Faisalabad.
11. Crescent Textile Mill,Faisalabad.
12. Export Mall MTM,Faisalabad.
13. Sadaqat Limited,Faisalabad.
14. Chenab Textile,Faisalabad.

15 Nishat Textile Mills,Faisalabad.
16. College of Home Economics (University of Peshawar)
17. Woman University Swabi
18. Gomal University DI Khan
19. Faisal hospital faisalabad
20. CMH Rawalpindi

Objectives

• To inculcate individuals with wide range of personal and professional skills and qualities
• To train individuals for professional placement
• To develop a wide range of practical skills through relevant learning experiences
• To enable individuals to work independently and as part of an organization
• To Create research avenues in nutraceutical and functional foods
• To Enhance the creative ability and expression through art, interior, textile & Clothing

Faculty

Dr. Farhana Nosheen
Chairperson
Associate Professor (Agri Extention)
PhD (UAF) , Post Doc USA
Specialization: Child Nutrition, Family and women development

Ms. Sabeen Rehman
Lecturer
M.Sc Home Economics (University of the Punjab)
Specialization: Art and Design

Ms. Umaira Bilal
Lecturer (Study Leave)
MS Textiles and Clothing (GCUF)
Specialization: Textile Processing

Ms. Sumaira Rehman
Lecturer
M.Sc Home Economics (University of Peshawar)
Specialization: Management Studies

Ms. Sidra Shahzadi
Lecturer
MPhil (Arts & Design)
Government College University Faisalabad

Ms. Unsa Noureen
Lecturer
MS Textiles and Clothing (UAF)
Specialization: Textile Finishing

BS Home Economics

Semester 1		
HEC-301	Introduction to Home Economics	3(3-0)
HEC-303	Fundamentals of Food & Nutrition	3(2-1)
BOT-303	Functional Biology	3(2-1)
ENG-321	Functional English	3(3-0)
ICT-321	Application of Information and Communication Technologies	3(2-1)
PST-321	Ideology and constitution of Pakistan	2(2-0)
+THQ-I	Teaching of The Holy Quran -I	1(1–0)
Semester 2		
HEC-302	Introduction to Clothing and Textile	3(2-1)
HEC-304	Introduction to Art and Design	3(2-1)
HEC-308	Meal Management Practices	3(2-1)
ENG-322	Expository Writing	3(3-0)
ISL-321	Islamic Studies	2(2-0)
ISL-322	Ethics	2(2-0)
GSC-321	The Science Global Challenges	3(3-0)
Semester 3		
HEC-401	Applied Art and Design	3(2-1)
HEC-403	Family Clothing and Consumer Education	3(2-1)
HEC-306	Home Management and Housing	3(2-1)
HEC-308	Life Span Development	3(2-1)
IAD-304	Basic Photography 1	3(1-2)
QTR-421	Quantitative Reasoning I	3(3-0)
+THQ-II	Teaching of The Holy Quran -II	1(1–0)
Semester 4		
HEC-403	Family and Community Development	3(2-1)
HEC-405	Applied housing and home management	3(2-1)
	Organic Chemistry	2(1-1)
STA-301	Introduction to Statistical Theory	3(3-0)
CCT-421	Civics and Community Engagement	2(2-0)
QTR-421	Quantitative Reasoning II	3(3-0)
ENT-422	Entrepreneurship	2(2-0)
Semester 5		
Specialization in Food Nutrition and Dietetics		
HEC-501	Home Economics Education, Administration & Supervision	3(3-0)
THQ-III	Teaching of Holy Quran III	1(1-0)
Major Courses (Food , Nutrition & Dietetics)		
HEC-503	Physiological Aspects of Nutrition	3(2-1)
HEC-505	Experimental Foods	3(2-1)
HEC-507	Advanced Nutrition	3(2-1)
HEC-509	Dietetics I	3(2-1)
HEC-511	Institutional Management	3(2-1)
Major Courses (Textiles & Clothing)		
HEC-513	Fiber Chemistry	3(2-1)
HEC-515	Fundamentals of garment construction	3(1-2)
HEC-517	Textiles Computer aided Design I	3(1-2)
HEC-519	Advanced Textile	3(3-0)
HEC-521	Pattern Making	3(1-2)
Semester 6		
HEC-502	Research Methodology	3(3-0)
Major Courses (Food , Nutrition & Dietetics)		
HEC-504	Public Health Nutrition	3(2-1)
HEC-506	Nutritional Biochemistry I	3(3-0)
HEC-508	Food Microbiology	3(2-1)
HEC-510	Dietetics II	3(2-1)
HEC-512	Applied Nutrition	3(3-0)
Major Courses (Textiles & Clothing)		
HEC-514	Textiles Computer aided Design II	3(1-2)
HEC-516	Textile Dying and Printing	3(2-1)
HEC-518	Textile Marketing and Merchandizing	3(3-0)
HEC-520	Fundamentals of Drapping	3(1-2)
Semester 7		
INT-631	Internship	3(0-3)
HEC-602	Family Economics & Small Business Management	3(2-1)
HEC-604	Family Problems and Interventions	3(2-1)
HEC-606	Health and Safety	3(3-0)

HEC-608	Climate Change	3(2-1)
THQ-IV	Teaching of Holy Quran IV	1(1-0)
Semester 8		
CAP-630	Capstone Project	3(0-3)
Major Courses (Food , Nutrition & Dietetics)		
HEC-603	Preventive nutrition	3(2-1)
HEC-605	Nutritional biochemistry II	3(3-0)
HEC-607	Nutritional Immunology	3(2-1)
HEC-609	Life Cycle Nutrition	3(3-0)
HEC-611	Sports Nutrition	3(3-0)
Major Courses (Textiles & Clothing)		
HEC-613	Dress designing through Draping	3(0-3)
HEC-615	Fiber Science	3(2-1)
HEC-617	Fashion Illustration II	3(1-2)
HEC-619	Laundry and Dry Clean Management	3(2-1)
HEC-621	Craft and Interior Textile	3(2-1)

Deficiency courses for Bridging Semseter

List of Deficiency courses		
HEC-302	Meal Management	3(2-1)
HEC-403	Clothing and Consumer Education	3(2-1)
HEC-306	Applied Art and Design	3(2-1)
HEC-406	Entrepreneurship Development	3(2-1)
HEC-402	Applied Housing & Home Management	3(2-1)
HEC-404	Family and Community Development	3(2-1)
Semester 5		
HEC-501	Home Economics Education, Administration & Supervision	3(3-0)
HEC-503	Small Business management	3(2-1)
Major Courses (Textiles & Clothing)		
HEC-513	Fiber Chemistry	3(2-1)
HEC-515	Fundamentals of garment construction	3(1-2)
HEC-517	Concept of Fashion Design	3(2-1)
HEC-519	Advanced Textile	3(3-0)
HEC-521	Textile Dying and Printing	3(2-1)
Semester 6		
HEC-502	Methods of Research	3(3-0)

Major Courses (Textiles & Clothing)		
HEC-514	Textiles Computer aided Design	3(1-2)
HEC-516	Pattern Making	3(1-2)
HEC-518	Textile Marketing and Merchandizing	3(3-0)
HEC-520	Fundamentals of Drapping	3(1-2)
HEC-522	Fashion Illustration I	3(1-2)
Semester 7		
INT-631	Internship	3(0-3)
Semester 8		
CAP-630	Capstone Project	3(0-3)
Major Courses (Textiles & Clothing)		
HEC-613	Dress designing through Draping	3(0-3)
HEC-615	Fiber Science	3(2-1)
HEC-617	Fashion Illustration II	3(1-2)
HEC-619	Textile Surface Enrichment	3(2-1)
HEC-621	Craft and Interior Textile	3(2-1)

MPhil Food and Nutrition

HEC-701	Physiology and Biochemistry of Human Nutrition	3(3-0)
HEC-702	Principals of Nutritional Assessment	3(3-0)
HEC-703	Community Nutrition	3(3-0)
HEC-704	Dietetics and Applied Nutrition	3(2-1)
HEC-705	Food Toxicology	3(3-0)
HEC-706	Life Cycle Nutrition	3(3-0)
HEC-707	Macro Nutrient Metabolism	3(3-0)
HEC-708	Nutrition and Physical Fitness	3(3-0)
HEC-709	Analytical Techniques in Food and Nutrition	3(2-1)
HEC-710	Process in Clinical Nutrition	3(3-0)
HEC-711	Vitamins in Human Nutrition	3(3-0)
HEC-712	Human and Environmental Allergies	3(3-0)
HEC-713	Maternal and Child Nutrition	3(3-0)
HEC-714	Nutrition in Health and Disease	3(3-0)
HEC-715	Research Methods in Food and Nutrition	3(3-0)
HEC-716	Recent Advances in Food and Nutrition	3(3-0)
HEC-717	Nutritional Assessment and Health Care	3(2-1)

HEC-718	Food Deficiencies and Combating Strategies	3 (2-1)
HEC-719	Need Based Human Nutrition	3(2-1)
HEC-720	Nutraceutical Foods	3(2-1)
HEC-721	Nutritional Disorders and Diet Therapy	3(2-1)
HEC-722	Advanced Dietetics and Applied Nutrition	3(2-1)
HEC-723	Minerals in Human Nutrition	3(3-0)
HEC-724	Human Nutrition and Chronic Diseases	3(3-0)
HEC-725	Nutrition Immunology	3(3-0)
HEC-726	Nutrition Policies and Programmes	3(3-0)
Other mandatory requirements for MS		
STA-795	Statistics for Research	3(2-1)
HEC-728	Seminar (General)	1(0-1)
HEC-729	Seminar (Research)	1(0-1)
HEC-730	Thesis	6(0-6)

MS Textiles and Clothing*

HEC-731	Social and Psychological Aspects of Clothing	3 (3-0)
HEC-732	Experimental Textiles	3(3-0)
HEC-733	Fundamentals of Fabric Formation	3(2-1)
HEC-734	Consumer Behavior	3 (3-0)
HEC-735	Textile Chemistry	3(2-1)
HEC-736	Decorative Fabrics	3 (3-0)
HEC-737	Textile Finishing	3 (3-0)
HEC-738	Fabric Processing	3 (3-0)
HEC-739	Colour Chemistry	3(2-1)
HEC-740	Fashion Designing	3 (1-2)
HEC-741	Textile and Garment Industry of Pakistan	3(2-1)
HEC-742	Clothing Culture and Economy	3 (3-0)
HEC-743	Methods of Research	3 (3-0)
Other mandatory requirements for MS		
STA-795	Statistics for Research	3(2-1)
HEC-728	Seminar (General)	1(0-1)
HEC-729	Seminar (Research)	1(0-1)
HEC-730	Thesis	6(0-6)

Note:
Minor Courses: To be offered during Fall and Spring semesters as per departmental decision and selected from other Departments i.e. Biochemistry, Microbiology and Biotechnology
Deficiency Courses: Compulsory to fulfill the requirements of research based degree program (Statistics, Biochemistry)

*** Subject to the approval from Acadmic Council**















Department of International Relations

Phone: 041-9200814
Email: irs@gcuf.edu.pk

Programs Offered

1. BS International Relations
2. BS Bridging
3. BS Defence and Strategic Studies
4. MPhil International Relations
5. PhD International Relations

Chairman: Dr. Ghulam Mustafa



Vision

The department is dedicated to research and teaching that impact regions and communities. The critical social scientific approach is applied to analyse the complexities of global issues. The Department is committed in promotion of independent and intellectual minds to analyse the globalized world.

Mission

Our mission is to impart quality education to the students who are committed to theoretical and practical underpinnings of the International Relations. The endeavor is to inculcate better academic standards through quality training in research and education for the needs of the society.

Introduction

Established in 2021 as an independent department within the faculty of Arts and Social Sciences, Department of International Relations at Government College University Faisalabad is one of the best departments in its field in Pakistan. The department offers four year Programs of Bachelor of international Relations and Defence and Strategic Studies along with M.Phil and PhD programmes in International Relations. The department provides a forward looking and progressive academic environment to students as well as faculty which is engaged in quality research and teaching. The department encourages debate and provides various forums for it. The academic year is filled with an active schedule of Conferences, Workshops and Seminars.

Faculty

Dr. Ghulam Mustafa
Associate Professor/ Chairman
PhD (Hanyang University, South Korea)
Specialization:Inter-Korean Relations, Pak-Bangladesh Relations, Conflict and Peace Studies, Human Rights

Dr. Adnan Nawaz
Assistant Professor (OPS)
PhD (RMIT University, Australia)
Specialization: International Relations, Global Security Issues, Foreign Policy Analysis.

Dr. Bilal Bin Liaqat
Assistant Professor (OPS)
PhD (GCUF-Pakistan)
Specialization: International Relations, Pak-China Relations, Foreign Policy, International Security, International Organizations

Dr. Imran Wakil
Assistant Professor (OPS)
PhD (GCUF-Pakistan)
Specialization: International Law, Sovereignty, State & Politics

Miss. Raheela Asfa Cheema
Lecturer
MPhil (Quaid-i-Azam University, Pakistan)
Specialization: International Relations, Security Studies

Scheme of Studies
BS International Relations

Semester 1		
ENG-321	Functional English	3(3-0)
ICP-321	Ideology and Constitution of Pakistan	2(2-0)
ICT-321	Applications of Information & Communicative Technologies	3(2-1)
IRS-301	Introduction to International Relations	3(3-0)
IRS-303	Approaches And Theories of International Relations	3(3-0)
DSS-305	Introduction to Defence & Strategic Studies	2(2-0)
THQ-I	Teaching to The Holy Quran-I	1(1-0)
Semester 2		
ENG-322	Expository Writing	3(3-0)
ISL-321	Islamic Studies/Ethics	2(2-0)
POL-301	Introduction to Political Science	3(3-0)
IRS-302	International Relations: 1648-1945	3(3-0)
IRS-304	Pakistan Defence and Security Policy	3(3-0)
URD-321	Introduction to Urdu	3(3-0)
Semester 3		
CCD-421	Civics and Community Engagement	2(2-0)
QTR-421	Quantitative Reasoning-I	3(3-0)
IRS-305	Globalization and International Relations	3(3-0)
LAW-301	Introduction to law	3(3-0)
PER-	Introduction to Persian	2(2-0)
MCM-713	Media and Politics	3(3-0)
PST-321	Pakistan Studies	2(2-0)
THQ-II	Teaching to The Holy Quran-II	1(1-0)
Semester 4		
QTR-422	Quantitative Reasoning-II	3(3-0)
ENT-422	Entrepreneurship	2(2-0)
IRS-402	Politics of American Continent (North & South America)	3(3-0)
GSC-321	The Science of Global Challenges	3(3-0)
IRS-404	International Relations Since 1945	3(3-0)
IRS-406	International Security	3(3-0)
Semester 5		
IRS-501	Arms Control and Disarmament	3(3-0)
IRS-503	Central Asia and Caucasus	3(3-0)
IRS-505	Regional and International Organizations	3(3-0)
IRS-507	Muslim Political Thought	3(3-0)
IRS-509	Conflict Management And Resolution	3(3-0)
THQ-III	Teaching to The Holy Quran-III	1(1-0)
Semester 6		
IRS-502	Economic Issues of Pakistan	3(3-0)
IRS-504	Ethnic Conflicts in Global Perspective	3(3-0)
IRS-506	Public International Law	3(3-0)
IRS-508	Politics of Europe	3(3-0)
IRS-510	Geo-Political Structure of the World	3(3-0)
IRS-512	Comparative Politics	3(3-0)
Semester 7		
IRS-601	Middle East and North Africa	3(3-0)
IRS-603	Research Methodology	3(3-0)
CAP-630	Capstone Project	3(3-0)
IRS-607	Politics of Indian Ocean	3(3-0)
IRS-609	Emerging Regional and World Orders	3(3-0)
THQ-IV	Teaching to The Holy Quran-IV	1(1-0)
Semester 8		
IRS-602	Peace-Building in Asia	3(3-0)
IRS-606	Western Political Thought	3(3-0)
IRS-608	Comparative Foreign Policies of US, Russia and China	3(3-0)
IRS-610	Foreign Policy Analysis	3(3-0)
IRS-612	Major Issues in International Relations	3(3-0)
INT-631	Internship	3(3-0)
Note: Students will be allowed to do Internship (3 credit hours) from 5th semester to onwards and they will be issued course completion certificate at the end of 8th semester		
Deficiency Courses For Bridging Semester		
IRS-301	Introduction to International Relations	3(3-0)
IRS-303	Approaches And Theories of International Relations	3(3-0)
IRS-302	International Relations: 1648-1945	3(3-0)
IRS-404	International Relations Since 1945	3(3-0)
IRS-406	International Security	3(3-0)
IRS-305	Globalization and International Relation	3(3-0)

BS Defence and Strategic Studies

Semester 1		
ENG-321	Functional English	3(3-0)
ICP-321	Ideology and Constitution of Pakistan	2(2-0)
ICT-321	Applications of Information & Communicative Technologies	3(3-0)
DSS-301	Introduction to Defence Strategic Studies	3(3-0)
GSC-321	The Science of Global Challenges	3(3-0)
IRS-301	Introduction to International Relations	3(3-0)
THQ-I	Teaching to The Holy Quran-I	1(1-0)
Semester 2		
ENG-322	Expository Writing	3(3-0)
ISL-321	Islamic Studies/Ethics	2(2-0)
POL-301	Introduction to Political Science	3(3-0)
INM-303	Introduction to Information Management	2(2-0)
DSS-302	Evolution of Strategic Thought	3(3-0)
DSS-304	World Politics Since 1945	3(3-0)
Semester 3		
CCD-421	Civics and Community Engagement	2(2-0)
QTR-421	Quantitative Reasoning-I	3(3-0)
BAM-301	Principles of Management	2(2-0)
GEO-321	Introduction to Geography	3(3-0)
SOC-321	Introduction to Sociology	3(3-0)
DSS-401	Arms Control and Disarmament	3(3-0)
PST-321	Pakistan Studies	2(2-0)
THQ-II	Teaching to The Holy Quran-II	1(1-0)
Semester 4		
QTR-422	Quantitative Reasoning-II	3(3-0)
ENT-422	Entrepreneurship	2(2-0)
DSS-402	Research Methodology	3(3-0)

DSS-404	Evolution and Dimensions of Nuclear Strategy and Deterrence Theory	3(3-0)
DSS-406	Enduring Rivalries in World Politics	3(3-0)
DSS-408	Regional Studies (South Asia)	3(3-0)
Semester 5		
DSS-501	Military History: An Introduction	3(3-0)
DSS-503	Introduction to War: Theory and Conduct	3(3-0)
DSS-505	Fundamentals of Parliamentary Studies	3(3-0)
DSS-507	Introduction to Nuclear Proliferation	3(3-0)
DSS-509	Terrorism: Domestic, Regional and Global Dynamics	3(3-0)
DSS-511	East Asian Security Issues	3(3-0)
THQ-III	Teaching of the Holy Quran III	1 (1-0)
Semester 6		
DSS-601	National Security of Pakistan	3(3-0)
DSS-603	Conflict and Crisis Management	3(3-0)
DSS-605	Power: Elements and Evaluation	3(3-0)
DSS-607	International Peacekeeping	3(3-0)
DSS-609	Traditional & Non Traditional Security Paradigms	3(3-0)
DSS-611	Dynamics of Military Alliances	3(3-0)
Semester 7		
DSS-701	Maritime security	3(3-0)
DSS-703	Psychological warfare	3(3-0)
DSS-705	Dynamics of civil wars	3(3-0)
DSS-707	Strategic studies and national security	3(3-0)
DSS-709	Evolution of nuclear strategy	3(3-0)
CAP-630	Capstone Project	3(3-0)
THQ-IV	Teaching to The Holy Quran-IV	1(1-0)
Semester 8		
DSS-802	Civil-military relations	3(3-0)
DSS-804	Peace, conflict and world order	3(3-0)
DSS-806	Introduction to nuclear proliferation	3(3-0)
DSS-808	Media and Security	3(3-0)
DSS-810	Challenges to nation-state system	3(3-0)
INT-631	Internship	3(3-0)
Note: Students will be allowed to do Internship (3 credit hours) from 5th semester to onwards and they will be issued course completion certificates at the end of 8th semester		

M.Phil International Relations

Semester 1		
IRS-702	Advanced Research Methodology (Compulsory)	3(3-0)
IRS-703	Traditional and Non-traditional Security Paradigms (Compulsory)	3(3-0)
IRS-704	An Analysis of Pakistan's Foreign Policy (Optional)	3(3-0)
IRS-728	Seminar (General) (Mandatory Course)	1(0-1)
Semester 2		
IRS-765	Conflict, Security & Development	3(3-0)
IRS-766	Global Migration Mobility and Development	3(3-0)
IRS-767	Economic Justice and International Political Economy	3(3-0)
IRS-768	Global Issue of Climate change and Mitigation	3(3-0)
IRS-729	Seminar (General) (Mandatory Course)	1(0-1)
Optional Courses		
IRS-709	Internal Law and Use of Force	3(3-0)
IRS-710	Global Political Economy	3(3-0)
IRS-711	Ethnic Conflict in Global Perspective	3(3-0)
IRS-712	Politics of Middle East	3(3-0)
IRS-713	International Law and Use of Force	3(3-0)
IRS-714	Contemporary Trends in International Law	3(3-0)
IRS-715	Comparative Analysis of Foreign Policy of Major Powers (any two)	3(3-0)
IRS-716	Foreign Policy Analysis	3(3-0)
IRS-717	Role of International Financial Institutions in International Relations	3(3-0)
IRS-718	Politics and Security of Asia-Pacific Region	3(3-0)
IRS-719	National Security Issues in Contemporary Pakistan	3(3-0)
IRS-720	Contemporary Environmental Issues	3(3-0)
IRS-721	Conflict and Cooperation in South Asia	3(3-0)
IRS-722	Peace Building in Post-conflict Societies	3(3-0)
IRS-723	Power Sharing in Multiethnic States	3(3-0)
IRS-724	Chemical, Biological, Nuclear, and Radiological Terrorism	3(3-0)
IRS-725	Maritime Security in the Indian Ocean	3(3-0)
IRS-726	Kinetic and Non-Kinetic Warfare	3(3-0)
IRS-732	Central Asian and Caucasus Regions	3(3-0)
IRS-733	Politics of Human Rights	3(3-0)
IRS-734	Contemporary Political Theories	3(3-0)
M.Phil. International Relations 3rd&4th Semester		
IRS-730	Thesis	6(0-6)

PhD International Relations

Semester 1		
IRS-735	International Relations: Advanced Theory and Practice (Compulsory)	3(3-0)
IRS-736	Advanced Research Methodology (Compulsory)	3(3-0)
	OPTIONAL- I	3(3-0)
IRS- 758	Seminar (General)	1(1-0)
Semester 2		
	OPTIONAL-II	3(3-0)
	OPTIONAL-III	3(3-0)
	OPTIONAL-IV	3(3-0)
IRS- 759	Seminar (Research)	1(1-0)
3rd-6th Semester		
IRS-760	Thesis	12
List of Elective / Optional Courses		
IRS-737	Conflict and Cooperation in South Asia	3(3-0)
IRS-738	Peace Building in Post-conflict Societies	3(3-0)
IRS-739	Power Sharing in Multiethnic States	3(3-0)
IRS-740	Traditional and Non-Traditional Security Paradigms	3(3-0)
IRS-741	Power, Interdependence and Trans-Nationalism	3(3-0)
IRS-742	International Security, Arms Control, and Nuclear Non-Proliferation	3(3-0)
IRS-743	Chemical, Biological, Nuclear, and Radiological Terrorism	3(3-0)
IRS-744	Maritime Security in the Indian Ocean	3(3-0)
IRS-745	Kinetic and Non-Kinetic Warfare	3(3-0)
IRS-746	Central Asian and Caucasus Regions	3(3-0)
IRS-747	Politics of Human Rights	3(3-0)
IRS-748	Contemporary Issues in International Strategic Environment	3(3-0)

IRS-749	Global Energy	3(3-0)
IRS-750	Politics of South Asia	3(3-0)
IRS-751	Ethnic Conflict in Global Perspective	3(3-0)
IRS-752	Politics of Middle East	3(3-0)
IRS-753	International Law and Use of Force	3(3-0)
IRS-754	Contemporary Trends in International Law	3(3-0)
IRS-755	Foreign Policy Analyses	3(3-0)
IRS-756	Role of International Financial Institutions in International Relations	3(3-0)
IRS-757	An Analysis of Pakistan's Foreign Policy	3(3-0)
IRS-761	Politics and Security of Asia-Pacific Region	3(3-0)
IRS-762	National Security Issues in Contemporary Pakistan	3(3-0)
IRS-762	Contemporary Environmental Issues	3(3-0)
IRS-764	Major Issues of Muslim World	3(3-0)









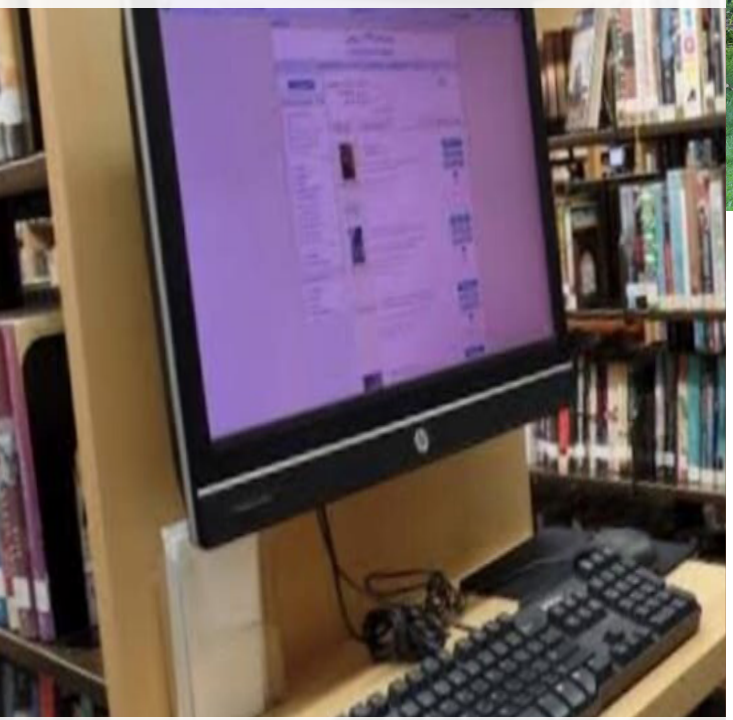






Department of Information Management

Phone: 041-9201563



Programs Offered:

BS Information Management

Incharge: Dr. Sakhawat Ali



Vision

As we are living in the era of information explosion, millions of documents are created in seconds and it is nearly impossible for a user to search for its needed information without using advanced searching strategies. Therefore it is the need of the hour to enable the students to search, locate, retrieve, use, store and disseminate the relative information. The department seeks to produce such information managers which can guide the students, faculty, and researchers to meet their information needs.

Mission

To equip the new generation with the methods and strategies which enable them to search, recognize and disseminate the needed information to their patrons. As reliable, valid, and authentic information is of key importance for a prosperous society, therefore the main objective of the department is to produce a team of information and library professionals who can cater to the information needs of their target audience.

Introduction

Libraries and information centers play a vital role in the economic, educational, and social development of the nation. Libraries offer educational, research, and scientific services to accomplish social needs, and help people flourish. The present era has fetched a lot of variations not only in the field of library and information services but it has changed the role of information managers.

The department of Library and information science was established in 2012 and initially, the programme Master of Library and Information (MLIS) was approved, but admissions in MLIS were started first time in the spring of 2015, under the Distance Learning Education (DLE) Programme. Until now, four batches of MLIS students have completed their studies, and passed out students are providing services in various Government and private institutions. The MLIS programme was discontinued as per the HEC policy. As there is no library school in the Faisalabad region and the students have to travel to Lahore and Sargodha for seeking admissions in MLIS and BS Information Management (IM). Keeping in view the interests and demands of the people of the Faisalabad region the Vice Chancellor Prof. Dr. Shahid Kamal very graciously granted the approval to start the BS IM programme under the faculty of arts and social sciences.

Faculty

Dr. Sakhawat Ali
Assistant Professor (OPS) / Incharge
PhD (UOS-Pakistan)
Spcialization: Information Literacy

Mr. Muhammad Tariq Latif
Sr. Librarian
MPhil (SUJ-Pakistan)

Mr. Muhammad Ashfaq
Sr. Librarian
MLIS (PU-Pakistan)

Ms. Anila Shamim
Sr. Librarian
MLIS (IUB-Pakistan)

BS Information Management

Semester 1		
ENG-321	Functional English	3 (3-0)
ISL-321or ETH-322	Islamic Studies or Ethics (For Non-Muslims)	2 (2-0)
EDU-324	Introduction to Education	2 (2-0)
GSC-321	The Science of Global Challenges	3 (3-0)
MCM-306	Mass Media and Tolerance	3 (3-0)
INM-301	Foundation of Information Based Organizations	3 (3-0)
*THQ-I	Teaching of the Holy Quran-I	1 (1-0)
Semester 2		
ENG-322	Expository Writing	3 (3-0)
ICP-321	Ideology and Constitution of Pakistan	2 (2-0)
QTR-421	Quantitative Reasoning	3 (3-0)
LAW-673	Intellectual Property Laws	3 (3-0)
INM-302	Human Information Behaviour	3 (3-0)
INM-304	Information Services and Sources	3 (3-0)
Semester 3		
QTR-422	Quantitative Reasoning	3 (3-0)
CCE-421	Civics and Community Engagement	2 (2-0)
CIT-304	Web Technologies	3 (2-1)
ICT-321	Applications of Information and Communication Technologies	3 (2-1)
INM-401	Management of Libraries and Information Centers	3 (3-0)
INM-403	Personal Information and Knowledge Management	3 (3-0)
*THQ-II	Teaching of The Holy Quran-II	1 (1-0)
Semester 4		
ENT-422	Entrepreneurship	2 (2-0)
PSY-310	Basics of Psychology	2 (2-0)
CCC-304	Data Base Systems	4 (3-1)
INM-402	Organization of Information	3 (3-0)
INM-404	Information Sources (Humanities, Social Sciences, Scientific, and Technical)	3 (3-0)
INM-406	Human Resource Management	3 (3-0)
Semester 5		
INM-501	Managing Collections and Online Access	3 (3-0)
INM-503	Online Information Retrieval	3 (2-1)
INM-505	Applied Classification	4 (3-1)
INM-507	Archives and Records Management	3(3-0)
INM-509	Marketing of Library and Information Services	3 (3-0)
*THQ-III	Teaching of the Holy Quran-III	1 (1-0)
Semester 6		
INM-502	Quantitative Research Methods	3 (3-0)
INM-504	Library Automation Systems	3 (2-1)
INM-506	Applied Cataloging	4 (3-1)
INM-508	Information Literacy Instruction	3 (3-0)
INM-510	Application of Information Systems	3 (3-0)
Summar Semester		
INT-631	Internship	3 (0-3)
Note: Students must take an internship of 8 weeks 3 (0-3) at the end of 6th semester for the award of the degree.		
Semester 7		
INM-601	Indexing and Abstracting	3 (2-1)
INM-603	Library & Information Services in Pakistan	3 (3-0)
INM-605	Qualitative Research Methods	3 (3-0)
INM-607	Personality Development and Communication Skills	3 (3 -0)
INM-609	Project Management	3 (3-0)
*THQ-IV	Teaching of The Holy Quran-IV	1 (1-0)
Semester 8		
INM-602	Digital Libraries	3 (2-1)
INM-604	Advance Management & Leadership Skills	3 (3-0)
INM-606	Knowledge Management	3 (3-0)
INM-608	Electronic Resources Management	3 (3-0)
CAP-630	Capstone Project	3 (0 -3)
Course For Other Departments		
INM-303	Introduction to Information Managment	2(2-0)



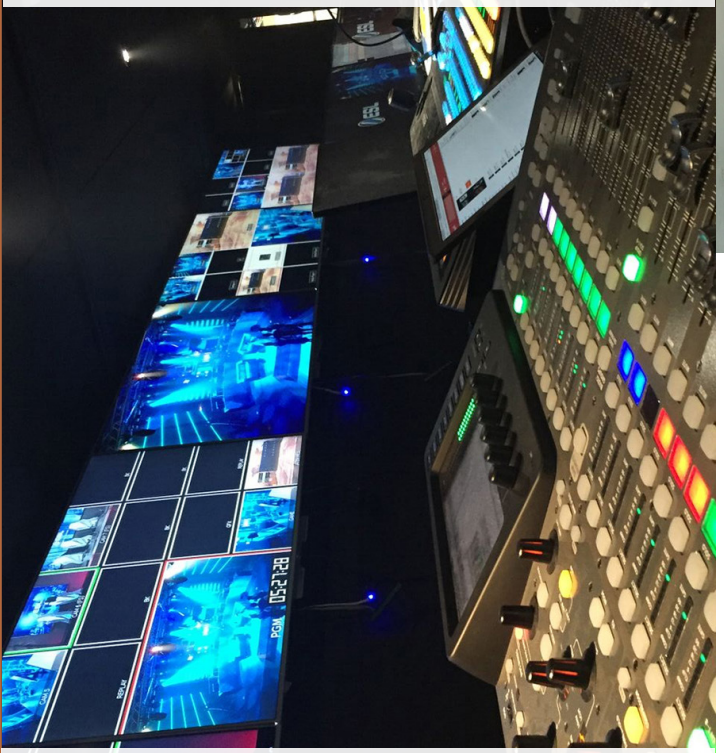






Department of
Mass Communication

Phone: 041-9201415
Email: masscom@gcuf.edu.pk



Programs Offered

1. BS Mass Communication
2. MS/ MPhil Mass Communication
3. PhD Mas Communication

Chairperson: Dr. Salma Umber



Vision

To groom the students for carrier oriented approaches in the field of Media studies and prepare them to be true professionals and researchers .The department seeks to inculcate the values of truth, objectivity and impartiality among the students so that they may perform their roles as disseminators of knowledge and makers of opinion without any bias and prejudice.

Mission

To promote healthy and positive approach towards the better understanding of information, knowledge and opinion building.

Introduction

Communication and media studies have gained vital importance in this age of science and information technology. A nation cannot safeguard its domestic and foreign interests, and get its due status in the globe without using its communication channels effectively. Advancement in information technology has made the world a global village. So, it is the need of the hour to give special focus on mass media education. Although Mass Communication is an emerging discipline, yet, it has got paramount importance in recent times. Media is playing a vital role in promoting different ideologies both in the domestic arena and around the globe. It is a reality, that a plenty of factors influence the production and consumption of the message for effective communication. The productions of media contents have to pass through different phases. Therefore, in-depth understanding of covert and overt pressures on the production of the media contents is indispensable for the students of Mass Communication. Public Relations, Communication Strategy, Advertising Campaign, Media Policy, Image Building and Public Opinion Formation are the basic tools of communication in media studies. The department has an excellent academic environment. All the faculty members are experienced and qualified. Students are also being benefited from the expertise of media educators and known professionals. All University facilities; transport, hostel residence, main library membership, study, excursion tours and sports facilities are available for the students.

Vision of Department of Mass Communication is to be a leader in Pakistan by providing communication excellence in visual, verbal and written competencies for the 21st century. Shortly, a print production house, a broadcasting house and TV studio will be set to impart practical skills to the working journalists and students alike. After the completion of their courses, students will be able to become professionals in public relations, advertising agencies, print and electronic media, as reporters, editors, anchors persons, radio producers, TV producers, media managers, public relation officers, publicity officers and copy writers.

A well-equipped and technical video lab has been established for practical work of the course.

Faculty

Dr. Salma Umber
Chairperosn / Associate Professor
PhD (Pak)
Specialization: Media and Conflict resolution, International Communication

Dr. Ashraf Iqbal
Assistant Professor
PhD (Pak)
Specialization: Theory and Research, International Communication

Dr. Irem Sultana
Assistant Professor
PhD (Pak)
Specialization: Research methodology, Health communication

Dr. Sobia Shahzad
Assistant Professor (OPS)
PhD (Malaysia)
Specialization: New Media, Mass Communication Theories

Dr. Imran Muslim
Assistant Professor (OPS)
PhD (Pak)
Specialization: Political Communication

Dr. Fakhta Zeib
Assistant Professor (OPS)
PhD (Germany)
Specialization: International Communication, Theory and Research

Dr. Sana Haroon
Assistant Professor (OPS)
PhD Scholar (Pak)
Specialization: TV Production, Media Theories

Mr. Rehan Tariq
Lecturer (On Study Leave)
MPhil (PU), PhD Scholar (Malaysia)
Specialization: Political Communication, South Asian Media

Mr. M. Majid Hamid Nasir
Lecturer (On Study Leave)
MPhil (Pak)
Specialization: Research Methods, Public Relations

Ms. Noshaba Nargis
Lecturer (On Leave)
MPhil (Pak).
Specialization: TV Production, Opinion Writing

Mr. Ahmed Zuhair Khan
Lecturer
PhD Scholar,
Specialization: Media and Communication Studies

Scheme of Studies
BS Mass Communication

Semester 1		
MCM-301	Introduction to Communication	3(3-0)
MCM-303	News Writing and Reporting	3(3-0)
WSC-321	Natural Sciences * (What is Science?)	3(2-1)
ENG-321	Functional English	3(3-0)
PST-321	Ideology and Constitution of Pakistan	2(2-0)
ICT-321	Applications of Information & Communication Technologies	3(2-1)
+THQ-I	Teaching of The Holy Quran -I	1(1–0)
Semester 2		
MCM-302	Mass Media in Pakistan	3(3-0)
MCM-304	National and International Affairs	3(3-0)
URD-409	Arts & Humanities * (Functional Urdu)	2(2-0)
PST-321	Social Sciences * (Pakistan Studies)	2(2-0)
ENG-322	Expository Writing	3(3-0)
ISL-321	Islamic Studies/Ethics	2(2-0)
POL-301	Introduction to Political Science	3(3-0)
Semester 3		
MCM-401	Sub-editing and Page Designing	3(3-0)
MCM-403	Principles of Advertising	3(2-1)
MCM-405	Electronic Media Production-I	3(3-0)
QRT-421	Quantitative Reasoning-I	3(3-0)
CCE-421	Civics & Community Engagement	2(2-0)
ENT-422	Entrepreneurship	2(2-0)
+THQ-II	Teaching of The Holy Quran -II	1(1–0)
Semester 4		
MCM-402	Feature, Column & Editorial Writing (T&P)	3(2-1)
MCM-404	Principles of Public Relations	3(2-1)
MCM-406	Electronic Media Production-II	3(3-0)
QRT-422	Quantitative Reasoning-II (Tools)	3(3-0)
IRS-301	Introduction to International Relations	3(3-0)
ENG-421	Communication Skills	3(3-0)
Semester 5		
MCM-501	Research Methods-I	3(3-0)
MCM-503	International Communication	3(3-0)
MCM-505	New Media and Online Journalism	3(3-0)
MCM-507	Media Ethics and Laws	3(3-0)
MCM-509	Theories of Communication-I	3(3-0)
SOC-408	Gender Studies	3(3-0)
+THQ-III	Teaching of The Holy Quran -III	1(1–0)
Semester 6		
MCM-502	Research Methods-II	3(3-0)
MCM-504	Media Society and Culture	3(3-0)
MCM-506	Development Support Communication	3(3-0)
MCM-508	Media Literacy	3(3-0)
MCM-510	Theories of Communication-II	3(3-0)
Semester 7		
Compulsory Courses		
MCM-601	Health Communication & Advocacy Campaign	3(2-1)
MCM-603	Political Communication	3(3-0)
CAP-630	Capstone Project	3(0-3)
+THQ-IV	Teaching of The Holy Quran -IV	1(1–0)
One group of specialization from the following		
1. Print Media		
MCM-607	Advanced Reporting	3(3-0)
MCM-609	Newspaper Production	3(3-0)
2. Broadcast Media		
MCM-611	Radio News Reporting & Production	3(3-0)
MCM-613	TV News Reporting & Production	3(3-0)
3. Advertising & Public Relations		
MCM-615	Advertising-I	3(3-0)
MCM-617	Public Relations-I	3(3-0)
4. Digital Media		
MCM-623	Digital Media Practices	3(3-0)

MCM-625	Content writing for Digital Media	3(3-0)
Semester 8		
Compulsory Courses		
MCM-602	Conflict and Crisis Communication	3(3-0)
MCM-604	Issues in Social Sciences	3(3-0)
INT-631	Internship	3(0-3)
Specialization (one group of the specialization from the following)		
1. Print Media		
MCM-610	Advanced Sub-editing	3(3-0)
MCM-612	Magazine & Book Production	3(3-0)
2. Broadcast Media		
MCM-614	Radio Program Production	3(3-0)
MCM-616	TV Program Production	3(3-0)
3. Advertising & PR		
MCM-618	Advertising-II	3(3-0)
MCM-620	Public Relations-II	3(3-0)
4. Digital Media		
MCM-626	Social Media Production	3(3-0)
MCM-628	Social Media Management and Marketing	3(3-0)
+ Audit Course		

BS Bridging

Semester 1		
MCM-301	Introduction to Communication	3(3-0)
MCM-302	Mass Media in Pakistan	3(3-0)
MCM-303	News Writing and Reporting	3(3-0)
MCM-304	National and International Affairs	3(3-0)
MCM-401	Sub-editing and Page Designing	3(3-0)
MCM-402	Feature, Column and Editorial Writing (T&P)	3(2-1)

MS/ MPhil Mass Communication

Semester 1		
MCM-701	Research Methods in Mass Communication	3(3-0)
MCM-703	Approaches to Communication Theories	3(3-0)
MCM -	Optional Course 1	3(3-0)
MCM -	Optional Course 2	3(3-0)
Semester 2		
MCM-702	Advanced Communication Research Methods	3(3-0)
MCM-704	Advanced Communication Theories	3(3-0)
MCM-706	Proposal Writing	3(3-0)
MCM -	Optional Course 3	3(3-0)
Mandatory Requirements for MS		
MCM-728	Seminar (General)	1(0-1)
MCM-729	Seminar (Research)	1(0-1)
Semester 3 & 4		
MCM-730	Thesis	06
Optional Courses		
MCM-709	Pakistani Media: Issues and Challenges	3(3-0)
MCM-710	Media, Culture and Society	3(3-0)
MCM-711	International Communication	3(3-0)
MCM-712	Theories of influence on Media Contents	3(3-0)
MCM-713	Media and Politics	3(3-0)
MCM-714	Digital Media	3(3-0)
MCM-715	Media and Social Change	3(3-0)

PhD Mass Communication

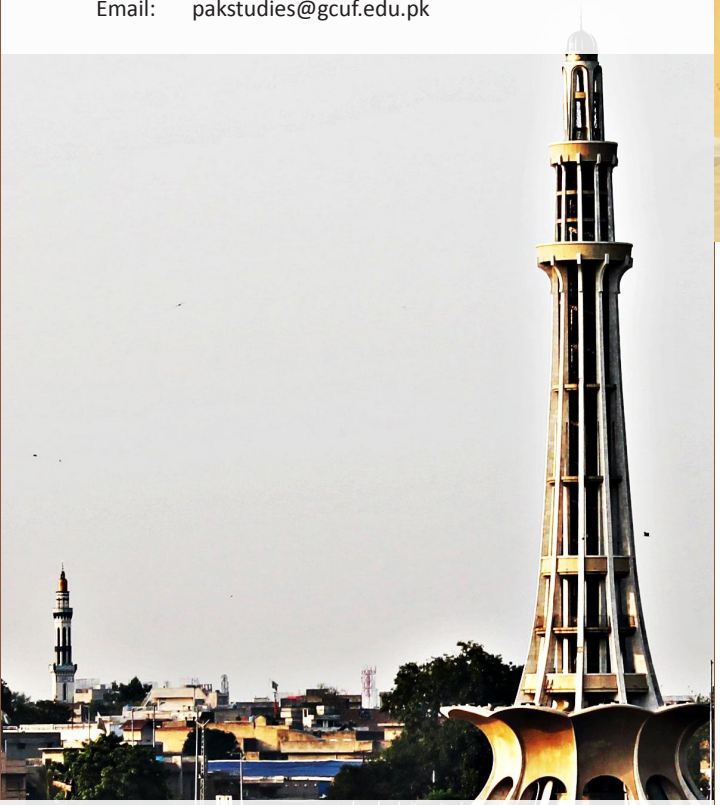
Semester 1		
MCM-721	Tools and Skills of Mass Communication Research	3(3-0)
MCM-723	Mass Communication Theories and Research Debates	3(3-0)
MCM-725	Managing Information	3(3-0)
Semester 2		
MCM-722	Qualitative Research Methods of Mass Communication	3(3-0)
MCM-724	Academic Writing Workshop	3(3-0)
MCM-	Optional Course	3(3-0)
MCM-758	Seminar (General)	1(0-1)
MCM-759	Seminar (Research)	1(0-1)
Optional Courses (*Note: One optional course will be selected by the students. The course will be offered on the availability of the teachers as well as on the numbers of students who select any certain optional subject).		
Optional Courses		
MCM-731	Philosophy of Social Sciences	3(3-0)
MCM-732	Creative Thinking	3(3-0)
MCM-733	Political Communication	3(3-0)
MCM-734	Regulating Media in 21st century: Various Perspectives (Global, National & Regional)	3(3-0)
MCM-735	Pakistani Media Code of Ethics Past / Present	3(3-0)
MCM-736	Ethical Issues in Electronic Media	3(3-0)
MCM-737	Gender and Media	3(3-0)
MCM-738	Media Psychology	3(3-0)
MCM-739	New Media and Society	3(3-0)
MCM-740	Research Practicum	3(3-0)
Semester 3,4,5 and 6 (RESEARCH WORK) Candidate with an M. Phil degree has to study 20 Cr. Hrs. and a thesis of 12 Cr. Hrs. Total Credit hours for Ph. D Program will be 32 Note: Thesis will not be graded. It will be evaluated on pass or fail basis.		
Mandatory Courses For PhD		
MCM-760	Dissertation/Thesis	12(0-12)




Say No To
Pressure Horn
DAD
I LOVE YOU
Please Wear
HELMET
DON'T LEARN
SAFETY
BY
ACCIDENTS
Road Safety
Awareness Walk
FAISALABAD

Department of Pakistan Studies

Phone: 041-9201417
Email: pakstudies@gcuf.edu.pk



Programs Offered

1. BS Pakistan Studies
2. MPhil Pakistan Studies
3. PhD Pakistan Studies

Chairman: Prof.Dr. Abdul Qadir Mushtaq



Vision

To be a leader among other disciplines of social sciences at institutions of comparable size and character through excelling in teaching, scholarship and counseling and exploiting opportunities for academic research, experimental learning and off-campus study; the Department promotes scholarship, discipline and civic participation.

Mission

The Department of Pakistan Studies is dedicated to the pursuit of academic excellence and diversity. The department strives to polish the students' intellectual curiosity with a focus on tools to assess and solve complex problems and inculcate skills to become independent and motivated decision-makers.

Introduction

The Department of Pakistan Studies was established in 2003. The Department offers programs i.e Bs, Mphil and PhD in Pakistan Studies. It aims to impart deep learning and understanding of the historical, social and cultural, political and economic contours of the state and society of Pakistan. It also attempts to orientate the students towards the institutional strengths and weaknesses of the government in order to reinforce its strengths and correct what we may call our deficiencies.

We envisage making the department as a center of excellence of Pakistan Studies with the aims of producing capable experts and quality research in the subject of Pakistan Studies. The Department has launched PhD program. Pakistan Studies is an inter-disciplinary subject and it offers courses which have close affinity with and understanding of other subjects of Social Sciences such as Economics, Sociology, History, Political Science, International Relations and Pakistani languages and their literature. We are trying our best to encourage and prepare the students for the exploration, analysis and advancement of research on the issues besetting Pakistan internally and externally. In this regard, the authorities of the university are planning to establish a Research Centre in near future which would not only concentrate on the basic issues of Pakistani state and society but also examine and boost the prospects of peace in South Asia and suggest ways and means to promote harmony and stability in the region.

Faculty

Prof. Dr. Abdul Qadir Mushtaq
Chairman/ Professor
PhD
Specialization: Constitutional and Political History of Pakistan

Dr. Zil-e-Huma Rafique
Assistant Professor
PhD
Specialization: Madrasa Education in Pakistan

Ms. Iffat Tahira
Lecturer (On Study Leave)
PhD Scholar
Specialization: Foreign Policy of Pakistan

Mr. Umer Yaqoob
Lecturer (On Study Leave)
PhD Scholar
Specialization: Sufism in South Asia

Ms. Bushara Shoukat
Lecturer
MPhil
Specialization: Freedom Movement

Dr. Tohid Ahmad Chattha
Teaching Assistant
PhD
Specialization:Party Politics in Punjab

BS Pakistan Studies

Semester 1		
PST-301	A Study of Civilizations	3(3-0)
PST-303	Struggle for Pakistan (1857-1947)	3(3-0)
WSC-321/ GSC-321	Natural Sciences * (What is Science OR The Science of Global Challenges)	3(2-1)
ENG-321	Functional English	3(3-0)
PST-321	Ideology and Constitution of Pakistan	2(2-0)
ICT-321	Applications of Information & Communication Technologies	3(2-1)
*THQ-I	Teaching of The Holy Quran -I	1(1-0)
Semester 2		
PST-302	Research Methodology	3(3-0)
PST-304	Islamic Culture and Ideology of Pakistan	3(3-0)
PST-321	Pakistan Studies	2(2-0)
PSY-321	Social Sciences * (Introduction to Psychology)	2(2-0)
ENG-322	Expository Writing	3(3-0)
ISL-321	Islamic Studies/Ethics	2(2-0)
POL-301	Introduction to Political Science	3(3-0)
Semester 3		
PST-401	Government and Politics in Pakistan (1947-1971) – I	3(3-0)
PST-403	Foreign Policy of Pakistan (1947-71) – I	3(2-1)
PST-405	Languages and Literature in Pakistan	3(3-0)
QRT-421	Quantitative Reasoning-I	3(3-0)
CCE-421	Civics & Community Engagement	2(2-0)
ENT-422	Entrepreneurship	2(2-0)
*THQ-II	Teaching of The Holy Quran -II	1(1-0)
Semester 4		
PST-402	Government and Politics in Pakistan (1972-to date)-II	3(2-1)
PST-404	Foreign Policy of Pakistan (1972- to date) – II	3(2-1)
PST-406	Local Government System in Pakistan	3(3-0)
QRT-422	Quantitative Reasoning-II (Tools)	3(3-0)
IRS-301	Introduction to International Relations	3(3-0)
PER-321	Persian Language and Literature	3(3-0)
Semester 5		
PST-501	Constitutional Developments in Pakistan	3(3-0)
PST-503	Party Politics in Pakistan (1947-todate)	3(3-0)
PST-505	Historiography in Pakistan	3(3-0)
PST-507	Public Administration in Pakistan	3(3-0)
PST-509	Pakistan in International and Regional Organizations	3(3-0)
EDU-311	General Methods of Teaching	3(3-0)
*THQ-III	Teaching of The Holy Quran -III	1(1-0)
Semester 6		
PST-502	Sufism and Sufi Practices in Pakistan	3(3-0)
PST-504	Issues of Human Rights in Pakistan	3(3-0)
PST-506	Public Policy and Governance in Pakistan	3(3-0)
PST-508	Women Empowerment in Pakistan	3(3-0)
PST-510	Contemporary Issues of Pakistan	3(3-0)
PST-512	Museums and Historical Sites in Pakistan	3(2-1)
Semester 7		
PST-603	Archival Studies	3(2-1)
PST-605	Minorities in Pakistan	3(3-0)
CAP-630	Capstone Project	3(0-3)
PST-607	Socio-Cultural Dynamics in Pakistan	3(3-0)
PST-609	Land & People of Pakistan	3(2-1)
*THQ-IV	Teaching of the Holy Quran -IV	1(1-0)
Semester 8		
PST-602	History of Film and Cinema in Pakistan	3(3-0)
PST-604	Museums and Historical Sites in Pakistan	3(2-1)
INT-631	Internship	3(0-3)
PST-610	Political Economy of Pakistan	3(3-0)
PST-612	Institutional Development in Pakistan	3(3-0)

Deficiency Courses For Bridging Semester

PST-301	A Study of Civilizations	3(3-0)
PST-302	Struggle for Pakistan (1857-1919)—I	3(3-0)
PST-405	Struggle for Pakistan (1920-1947)—II	3(3-0)
PST-402	Government and Politics in Pakistan (1947-1971)— I	3(3-0)
PST-406	Socio-Cultural Dynamics in Pakistan	3(3-0)
PST-306	Social and Religious Movements in Pakistan	3(2-1)

MPhil Pakistan Studies

PST-701	Methods of Research	3(3-0)
PST-702	Critical Analysis of Social Theories	3(3-0)
PST-703	Politics and Constitutions of Pakistan	3(3-0)
PST-704	Allama Iqbal and Quaid-i-Azam : Lives and Thoughts	3(3-0)
Optional Courses for MPhil		
PST-705	Historiography in Pakistan	3(3-0)
PST-706	Pakistan's Economy: Challenges and Responses	3(3-0)
PST-708	Contemporary Issues in Pakistan's Foreign Policy	3(3-0)
PST-712	Social Change and Cultural Transformation	3(3-0)
PST-714	Pakistani Society as Reflected in Pakistani Literature (1947-till date)	3(3-0)
PST-716	Study of Archives	3(2-1)
PST-718	Theories of Leadership	2(2-0)
PST-720	Sufism in South Asia	3(3-0)
PST-721	Trends of Performing Art in Pakistan	2(2-0)
PST-719	Industrial and Agricultural Development in Pakistan	3(2-1)
PST-717	Urbanization and Development in Pakistan	3(2-1)
PST-715	Elections in Pakistan	2(2-0)
PST-713	History of Canal Colonies in Pakistan	3(3-0)
PST-711	Extremism and Tolerance in Pakistan	3(3-0)
PST-709	Study of Culture and Heritage of Pakistan	3(2-1)
PST-707	Federalism in Pakistan	3(2-1)
PST-723	Challenges of Human Rights in Pakistan	3(2-1)
PST-724	Historical sites in Pakistan	3(2-1)
PST-725	Legal System of Pakistan	3(3-0)
PST-726	Language and Literature in Pakistan	3(3-0)
PST-727	Punjab Studies	3(3-0)

PST-732	Institutional Development in Pakistan	3(3-0)
PST-733	Policy Making in Pakistan	3(3-0)
Mandatory Requirements for MPhil		
PST-728	Seminar (General)	1(0-1)
PST-729	Seminar (Research)	1(0-1)
PST-730	Thesis	6(0-6)

PhD Pakistan Studies

Semester 1 (Student will take 9 credit hours)		
PST-701	Freedom Movement (1857-1947)	
	3(3-0)	
PST-703	Socio-Political Thoughts in Pakistan	3(3-0)
PST-705	Society and Culture of Pakistan	3(3-0)
PST-707	Political Economy of Pakistan	3(3-0)
PST-709	Political and institutional Development in Pakistan	3(3-0)
PST-711	History and Politics in Punjab	3(3-0)
Semester 2 (Student will take 9 credit hours)		
PST-702	Political and Constitutional History of Pakistan (1947-till date)	3(3-0)
PST-704	Leadership in Pakistan	3(3-0)
PST-706	Research Methods in Social Sciences	3(3-0)
PST-708	Islam and Pakistan	3(3-0)
PST-710	Ethnicity , sectarianism and national integration in Pakistan	3(3-0)
PST-712	Human rights in Pakistan	3(3-0)
Mandatory Requirements for PhD		
PST-758	Seminar (General)	1(0-1)
PST- 759	Seminar (Research)	1(0-1)
PST-760	Thesis	



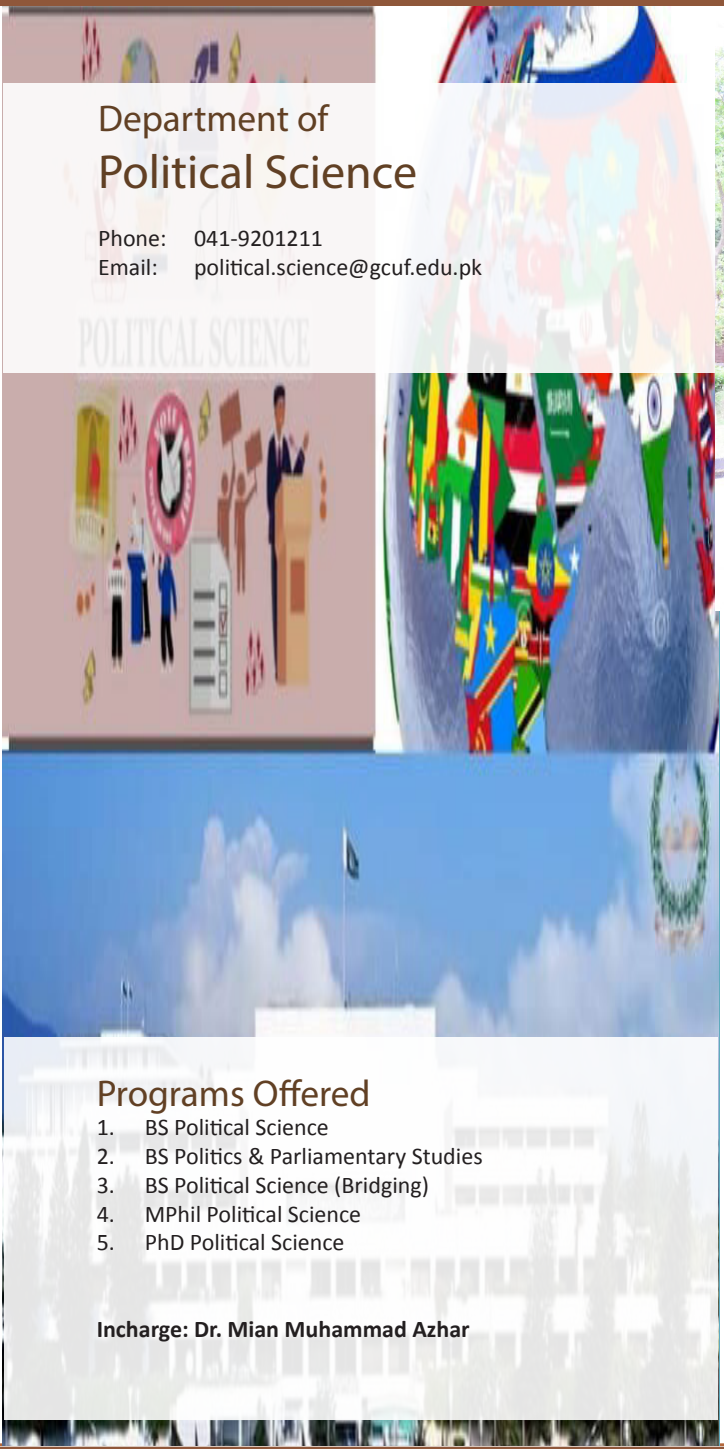












Department of Political Science

Phone: 041-9201211
Email: political.science@gcuf.edu.pk



Vision

The vision of Department of Political Science is to enable students to analyze political structure, political systems, institutions, and to enhance awareness of political science by promoting theoretical knowledge of political theory and comparative political systems, international relations, international and regional organizations, political parties and interest groups, state issues, contemporary international issues as well as scientific disciplines and branches of study. For productive and effective human resources development, nationally and internationally, emphasizing over competitive, independent and cultural thinking, the department is open to work with national and international research oriented institutions.

Mission

The mission of department is to provide conducive learning environment in which students can conduct rigorous intellectual research, develop analytical skills, and gain a comprehensive understanding of the political process at the local, national, and international levels. The department seeks to educate students to become leaders who are able to address complex issues in a rapidly changing world using multidisciplinary approaches, innovative research, and hands-on learning opportunities. The department is dedicated to promote diversity, inclusion and dialogue, as well as providing insights useful for discussions on governance, diplomacy and international affairs. The department prepares students for careers in government and non-government organizations by teaching them analytical skills.

Introduction

Political science is one of the most important social science disciplines in a rapidly changing world. The Department of Political Science at Government College University Faisalabad has a rich history of academic excellence, dating back to 2009 when it was established with a Master program in Political Science. Since then, the department has grown and evolved to meet the changing needs of time and accomplish the same to students and academic community. This was followed by the launch of the BS Political Science program in 2010, providing students with a comprehensive education in political theory, political institutions, and processes. In 2011, the department launched the M.Phil Political Science program, catering to the needs of students seeking advanced research-based education. The department continued to expand its offerings with the introduction of the M.A International Relations program in 2012, focusing on global politics, diplomacy, and international relations. In 2015, the department started the Ph.D. Political Science program, providing students with advanced research training and expertise in political science. The department further expanded its undergraduate programs with the launch of the BS International Relations program in 2016 and the BS Politics and Parliamentary studies (PPS) program in 2016.

The department is dedicated to develop a deeper understanding of ideologies, international relations, public policy, human rights,

Programs Offered

1. BS Political Science
2. BS Politics & Parliamentary Studies
3. BS Political Science (Bridging)
4. MPhil Political Science
5. PhD Political Science

Incharge: Dr. Mian Muhammad Azhar

and economic development, governance and their impact on society. Ultimately, it serves as valuable tool for understanding our ever-evolving global political environment, both locally and internationally. Political science as an academic discipline also provides valuable perspectives on gender issues, social movements, minority rights, and civil society throughout the world. It bridges across differences and create more sustainable paths toward peace, diversity, stability, and justice. With a strong emphasis on critical thinking, research, and community engagement, the department prepares students to become active and well- informed citizens, policymakers, and future leaders in a rapidly changing world. Our experienced faculty and vibrant academic community create an environment for intellectual growth and discovery.

Faculty

Dr. Mian Muhammad Azhar
Assistant Professor (TTS) / Incharge
PhD (Pakistan)
Specialization:Electoral Politics, Voting Behaviour, Political Economy, Comparative Politics

Dr. Ali Shan Shah
Assistant Professor
PhD (Pakistan)
Specialization: Interest Groups, Pressure Groups, Local Self-Government, International Law

Dr. Abdul Basit Khan
Assistant Professor
PhD (Pakistan)
Specialization: Conflict Issues, Ethnicity

Dr. Anwar Ali
Assistant Professor (OPS)
PhD (Pakistan)
Specialization: Energy Security, Energy Politics, Middle East Politics

Miss. Sadia Naz
Lecturer
MPhil (Pakistan)
Specialization: Political System, Western Political Thoughts

Scheme of Studies
BS Political Science

Semester 1		
ENG-321	Functional English	03(3-0)
ICT-321	Applications of Information and Communication Technologies (ICT)	03(2-1)
ICP-321	Ideology and Constitution of Pakistan	02(2-0)
BOT-616	Every Day Science	03(3-0)
POL-301	Introduction to Political Science	03(3-0)
POL-303	Pakistan Movement	03(3-0)
+THQ-I	Teaching of The Holy Quran -I	1(1–0)
Semester 2		
ENG-322	Expository Writing	03(3-0)
ISL-321	Islamic Studies OR Ethics (for Non-Muslims)	02(2-0)
PST-321	Pakistan Studies	02(2-0)
POL-302	Principles of Political science	03(3-0)
POL-304	Political Tolerance	03(3-0)
POL-306	Foreign Policy of Pakistan	03(3-0)
PPS-301	Introduction to Parliamentary Studies	02(2-0)
Semester 3		
CCE-421	Civics and Community Engagement	02(2-0)
QTR-421	Quantitative Reasoning-I	03(3-0)
ENG-310	Basic English Grammar	02(2-0)
POL-401	Political Ideologies	03(3-0)
POL-403	Political systems (developed)	03(3-0)
POL-405	Gender and Human Rights	03(3-0)
POL-301	Introduction to Political Science	02(2-0)
+THQ-II	Teaching of The Holy Quran -II	1(1–0)
Semester 4		
QTR-422	Quantitative Reasoning-II	03(3-0)
BAM-422	Entrepreneurship	02(2-0)
POL-408	Public Policy	03(3-0)
POL-402	Political systems (developing)	03(3-0)
POL-404	Global Contemporary Issues	03(3-0)
POL-406	Political and Constitutional Development in Pakistan	03(3-0)
Semester 5		
POL-501	Foundations of Western Political Philosophy	03(3-0)
POL-503	Foundations of Muslim Political Philosophy	03(3-0)
POL-505	Comparative & Developmental Politics-I	03(3-0)
POL-507	International Law-I	03(3-0)
POL-509	Central Asian Studies	03(3-0)
IRS-301	Introduction to International Relations	03(3-0)
+THQ-III	Teaching of The Holy Quran -III	1(1–0)
Semester 6		
POL-502	Modern Western Political Philosophy	03(3-0)
POL-504	Modern Muslim Political Philosophy	03(3-0)
POL-506	Comparative &Developmental Politics-II	03(3-0)
POL-508	International Law-II	03(3-0)
POL-510	Civil Military Relations in Pakistan	03(3-0)
PPS-401	Political parties and elections in Pakistan	03(3-0)
Semester 7		
POL-601	International Organizations	03(3-0)
POL-603	Research Methodology	03(3-0)
POL-605	Politics of Federation in Pakistan	03(3-0)
POL-607	Diplomacy	03(3-0)
GEO-321	Introduction to Geography	03(3-0)
+THQ-IV	Teaching of The Holy Quran -IV	1(1–0)
Semester 8		
POL-602	Political Economy	03(3-0)
POL-604	Local Government System	03(3-0)
POL-606	Public Administration in Pakistan	03(3-0)
POL-608	Democracy and good governance	03(3-0)
CAP-630	Capstone Project	03(3-0)
HIS-502	History of Europe (1848-1991)	03(3-0)

+ Audit Course
Note: Internship (INT-631) will be offered to the students of BS Political Science during semester (V-VIII) as per viability and availability

Deficiency Courses For Bridging Semester

POL-301	Introduction to Political Science	03(3-0)
POL-402	Political systems (developing)	03(3-0)
POL-403	Political systems (developed)	03(3-0)

POL-406	Political and Constitutional Development in Pakistan	03(3-0)
POL-302	Principles of Political Science	03(3-0)
POL-401	Political Ideologies	03(3-0)

BS Politics & Parliamentary Studies

Semester 1		
ENG-321	Functional English	03(3-0)
ICT-321	Applications of Information and Communication Technologies (ICT)	03(2-1)
ICP-321	Ideology and Constitution of Pakistan	02(2-0)
BOT-616	Every day Science	03(3-0)
PPS-301	Introduction to Parliamentary Studies	03(3-0)
PPS-303	Structure and Functions of Parliament (Pakistan & India)	03(3-0)
+THQ-I	Teaching of The Holy Quran -I	1(1–0)
Semester 2		
ENG-322	Expository Writing	03(3-0)
ISL-321	Islamic Studies OR Ethics (for Non-Muslims)	02(2-0)
PST-321	Pakistan Studies	02(2-0)
PPS-302	Introduction to Legislative Process	03(3-0)
PPS-304	Genesis of Pakistan Movement	03(3-0)
PPS-306	Evolution of Parliamentary Democracy	03(3-0)
POL-301	Introductrion to Political Science	02(2-0)
Semester 3		
CCE-421	Civics and Community Engagement	02(2-0)
QTR-421	Quantitative Reasoning-I	03(3-0)
ENG-310	Basic English Grammar	02(2-0)
PPS-401	Political Parties and Pressure Groups	03(3-0)
PPS-403	Comparative Political Systems-I(UK,USA, Malaysia & Turkey	03(3-0)
PPS-405	Budget Scrutiny at Parliament	03(3-0)
+THQ-II	Teaching of The Holy Quran -II	1(1–0)
Semester 4		
QTR-422	Quantitative Reasoning-II	03(3-0)
BAM-422	Entrepreneurship	02(2-0)
PPS-402	Parliamentary Ethics and Values	03(3-0)
PPS-404	Comparative Political Systems-II (France, Russia, China & Iran	03(3-0)
PPS-406	Evolution of Pakistan's Parliament (1947-2000)	03(3-0)
PPS-408	Civil Military Relations in Pakistan	03(3-0)
Semester 5		
PPS-501	Western Political thought-I	03(3-0)
PPS-503	Muslim Political thought-I	03(3-0)
PPS-505	Evolution of Pakistan's Parliament (2001-till date)	03(3-0)
PPS-507	Role of Parliament in Pakistan's Foreign Policy	03(3-0)
PPS-509	Political parties and elections in Pakistan	03(3-0)
IRS-301	Introduction to International Relations	03(3-0)
+THQ-III	Teaching of The Holy Quran -III	1(1–0)
Semester 6		
PPS-502	Western Political thought-II	03(3-0)
PPS-504	Muslim Political thought-II	03(3-0)
PPS-506	Role of Legislatures in Non-democratic Regimes	03(3-0)
PPS-508	Local Government System in Pakistan	03(3-0)
PPS-510	Judiciary-Parliament Relations in Pakistan: Shaping Law and Democracy	03(3-0)
POL-405	Gender and human rights	03(3-0)
Semester 7		
PPS-601	International Parliamentary Organizations	03(3-0)
PPS-603	Research Methodology	03(3-0)
PPS-605	Politics of Federation in Pakistan	03(3-0)
PPS-607	Parliamentary Committees	03(3-0)
GEO-321	Introduction to Geography	03(3-0)
+THQ-IV	Teaching of The Holy Quran -IV	1(1–0)
Semester 8		
PPS-602	Political Ideologies	03(3-0)
PPS-604	Non-Legislative Parliamentary Functions	03(3-0)
PPS-606	Parliament and Good Governance	03(3-0)
PPS-608	International Issues and Parliament of Pakistan	03(3-0)
CAP-630	Capstone Project	03(3-0)
HIS-502	History of Europe (1848-1991)	03(3-0)

+ Audit Course
Note: Internship (INT-631) will be offered to the students of BS Political Science during semester (V-VIII) as per viability and availability.

MPhil Political Science

Semester 1		
POL-701	Research Methodology (Compulsory)	3(3-0)
***Three Courses from the Given Optional Courses**		
Semester 2		
POL-703	Comparative Politics (Compulsory)	3(3-0)
***Three Courses from the Given Optional Courses**		
Mandatory Requirements		
POL-728	Seminar (General)	1(0-1)
POL-729	Seminar (Research)	1(0-1)
POL-730	Thesis	6(0-6)
Optional Courses		
POL-715	Western Political Philosophy	3(3-0)
POL-716	Theories of International Relations	3(3-0)
POL-717	Advanced Political Theories	3(3-0)
POL-718	Public Policy Analysis	3(3-0)
POL-719	Social Change and Political Development	3(3-0)
POL-720	Muslim Political Philosophy	3(3-0)
POL-721	Muslim Political Institutions	3(3-0)
POL-722	Pre-partition Political Actors, Issues and Legislation	3(3-0)
POL-723	Local Government: Theory and Practice	3(3-0)
POL-724	Local Governance in Pakistan	3(3-0)
POL-725	Politics of Ethnicity and Nationalism	3(3-0)
POL-726	Politics of Inclusion and Exclusion	3(3-0)
POL-732	Gender and Politics	3(3-0)
POL-733	Public Administration	3(3-0)
POL-734	Constitutional Development in Pakistan	3(3-0)
POL-735	Electoral Politics	3(3-0)
POL-736	Democracy and Governance	3(3-0)
POL-737	Area/Regional Studies (any one region)	3(3-0)
POL-738	Politics & Parliamentary Studies	3(3-0)
POL-739	Foreign Policy of Pakistan	3(3-0)
POL-740	Defense and Strategic Studies	3(3-0)

POL-741	Human Rights	3(3-0)
POL-742	Globalization	3(3-0)
POL-743	Political Psychology	3(3-0)
POL-744	Political Geography	3(3-0)
POL-745	Political Sociology	3(3-0)
POL-746	Media and Politics	3(3-0)
POL-747	Conflict Management and Resolution	3(3-0)
POL-748	Foreign Policy Analysis	3(3-0)
POL-749	Political Economy	3(3-0)

PhD Political Science

Semester 1		
POL-709	Pakistan's Foreign Policy (Compulsory)	3(3-0)
POL-711	Domestic Politics of Pakistan (Compulsory)	3(3-0)
***One Course from the Given Optional Courses**		
Semester 2		
POL-714	Research Methods in Political Science (Compulsory)	3(3-0)
***Two Courses from the Given Optional Courses**		
Other Mandatory Requirements for PhD Political Science		
POL-760	Thesis	6(0-6)
POL-758	Seminar (General)	1(0-1)
POL-759	Seminar (Research)	1(0-1)
Optional Courses		
POL-750	Theories and Dimension of Strategy	3(3-0)
POL-751	Developmental Politics	3(3-0)
POL-752	Issues in South Asian Region	3(3-0)
POL-753	Issues in Central Asian Region	3(3-0)
POL-754	New Paradigm in International Security	3(3-0)
POL-755	Foreign Policies of neighboring states	3(3-0)
POL-763	Nuclear Proliferation	3(3-0)
POL-764	Conflict Resolution	3(3-0)
POL-765	Theories of International Relations	3(3-0)

*Ph.D students who have not studied the course "Statistics for Research" in M.Phil will have to take this course as audit course as mandatory requirement.













Department of Sociology

Phone: 041-9201412
Email: sociology@gcuf.edu.pk
zahbatool@gcuf.edu.pk

Programs Offered

1. BS Sociology
2. BS Criminology
3. MPhil Sociology
4. PhD Sociology

Chairperson: Prof. Dr. Zahira Batool



Vision

To enable the students through teaching and research to develop their bright future.
To highlight the social issues and address them through the research and maximize the social development.

Mission

Sociology is systematic study human behavior in a society. Moreover, sociological knowledge provides social and cultural guide line to the students in their practical life. This is being achieved by imparting knowledge and skills to young sociologists-social engineers and social workers. Moreover, efforts are made to discover the broad pattern of interaction of social life that influences the social behavior. This is further strengthened by carrying out research on socio-economic, cultural, social, demographic, environmental and political problems of Pakistani Society.

Introduction

Sociological knowledge is applicable in every field, in every day personal interactional situation and in all aspects of life. Sociology is the scientific study of the human relationships and their consequences. It is the study of collective human behavior and social forces. It is committed to provide research skills to students that can be integrated usefully with relevant practical experience. Sociologist seeks to discover the broad patterns of interaction of social life that influences social behaviors. We provide students with a coherent introduction to core themes and issues of the discipline in a stimulating environment. Moreover, we offer graduate and post graduate level education in social sciences with a strong emphasis on communicative process and technologies within institutional settings, drawing on the active research interest of faculty and students. We also offer education in social sciences within an interdisciplinary context which highlights the continuities and differences among a number of scientifically social prospective. Training in a range of methodologies and research skills appropriate to these disciplines provides rigorous foundation for this distinctive feature. In addition, internship opportunity with international and national organizations working in the field of social development is provided to the students in order to blend the academic knowledge with practical skills.

This department was established in 2005 at Government College University Faisalabad. The faculty of the Department includes highly qualified and experienced teachers who have a track record of academic and research experience and relevant field experience in national or international organizations. In addition, short certificate courses on different social development aspects like Poverty Alleviation, Gender and Development, Human Development and Sociology, Communication and Presentation Skills, Community Management Skills, Urban Transportation Management, Urban Renewal, Participatory Relax/Rapid Approach (PAR), Project Planning and Logical Framework, Population Studies, and Social Problems of Pakistan etc. are being planned to be launched very soon.

Faculty

Prof. Dr. Zahira Batool
Professor/ Chairperson / Warden HC-II
PhD (UAF), Post Doc (UC-Australia)

Prof. Dr. Babak Mahmood
Professor/ Director DDLE
PhD (UAF-Pakistan)

Dr. Ayesha Ch.
Associate Professor
PhD (UAF-Pakistan)

Dr. Nazia Malik
Assistant Professor
PhD (UAF-Pakistan)

Dr. Saira Siddiqui
Assistant Professor (OPS)
PhD (UAF-Pakistan)

Dr. Sana Ejaz
Assistant Professor (OPS)
PhD (GCUF-Pakistan)

Dr. Basharat Ali
Assistant Professor (OPS)
PhD (GCUF-Pakistan)

Mr. Sajid Mehmood Sajid
Lecturer,
MPhil (PU-Pakistan)

Ms. Paris ZakaUllah
Lecturer
PhD Continue (GCUF-Pakistan)

Ms. Ammara Asghar
Lecturer
MPhil (Riphah-Pakistan)

Ms. Fozia Mumtaz
Teaching Assistant
MSc (UAF)

Scheme of Studies
BS Sociology

Semester 1		
ENG-321	Functional English	3(3-0)
ICP-321	Ideology and Constitution of Pakistan	2(2-0)
WSC-321	What is science?	3(3-0)
PSY-321	Introduction to Psychology	2(2-0)
ISL-321	Islamic studies or	2 (2-0)
ISL-322	Ethics (for Non-Muslim)	2(2-0)
SOC-305	Social Work	3(3-0)
SOC-307	Introduction to Sociology	3(3-0)
THQ - I	Teaching of the Holy Quran - I	1(1-0)
Semester 2		
ENG-322	Expository Writing	3(3-0)
PST-321	Pakistan Studies	2(2-0)
QTR-421	Quantitative Reasoning-1	3(3-0)
ECO-408	Issues in Pakistan Economy	3(3-0)
SOC-302	Social Tolerance	3(3-0)
SOC-308	Social Thought	3(3-0)
Semester 3		
CCE-421	Civics and Community Engagements	2(2-0)
ICT-321	Applications of Information and Communicative Technologies	3(3-0)
SOC-403	Introduction to Industrial Sociology	3(3-0)
SOC-405	Organizational Behavior and HRD	3(3-0)
SOC-407	Community Development	3(3-0)
QTR-422	Quantitative Reasoning-II	3(3-0)
THQ-II	Teaching of the Holy Quran-II	1(1-0)
Semester 4		
IRS-301	Introduction to International Relations	3(3-0)
HET-308	Socio-Cultural Heritage and tourism in Pakistan	3(3-0)
SOC-404	Rural Sociology	3(3-0)
SOC-406	Pakistani Society & Culture	3(3-0)
SOC-408	Gender Studies	3(3-0)
BAM-422	Enterpreurship	2(2-0)
Semester 5		
SOC-501	Gerontology	3(3-0)
SOC-503	Research Methodology	4(3-1)
SOC-507	Comparative Social Institutions	3(3-0)
SOC-509	Classical Sociological Theories	3(3-0)
SOC-511	Criminology	3(3-0)
THQ-III	Teaching of the Holy Quran-III	1(1-0)
Semester 6		
SOC-502	Project Planning & Management	4(3-1)
SOC-504	Anthropology	3(3-0)
SOC-506	Population Studies	4(3-1)
SOC-508	Contemporary Sociological Theories	3(3-0)
SOC-510	Urban Sociology	3(3-0)
Semester 7		
SOC-603	Sociology of Health & Medicine	3(3-0)
SOC-605	Research Design &Socio-metry	3(3-0)
SOC-607	Sociology of Development	3(3-0)
	Elective-I	3(3-0)
CAP-630	Capstone project	3(0-3)
+THQ-611	Teaching of The Holy Quran -IV	1(1–0)
Semester 8		
SOC-602	Social Change & Transformation	3(3-0)
SOC-604	Sociology of Religion	3(3-0)
SOC-606	Sociology of Globalization	3(3-0)
INT-631	Internship	3(3-0)
	Elective-IV	3(3-0)

Deficiency Courses For Bridging Semester

SOC-305	Social Work	3(3-0)
SOC-308	Social Thought	3(3-0)
SOC-403	Introduction to Industrial Sociology	3(3-0)
SOC-406	Pakistani Society and Culture	3(3-0)
SOC-405	Organizational Behavior and HRD	3(3-0)
SOC-408	Gender Studies	3(3-0)
Optional Subject of BS		
SOC-608	Clinical Sociology	3(3-0)
SOC-609	Impact Assessment	3(3-0)
SOC-610	Governance in Social Policy	3(3-0)
SOC-611	Conflict and Alternative Dispute Resolution	3(3-0)
SOC-612	Corporate Social Responsibilities	3(3-0)
SOC-613	Electronic Media and Virtual Society	3(3-0)

SOC-614	Sociology of Law and Human Rights	3(3-0)
SOC-615	Islamic Sociology	3(3-0)
SOC-616	Rural Development	3(3-0)
SOC-661	Social Problems of Pakistan	3(3-0)
SOC-665	Sociology of Human Rights	3(3-0)
SOC-505	Sociology of Education	

BS Criminology

Semester 1		
ENG-321	Functional English	3(3-0)
ICP-321	Ideology and Constitution of Pakistan	2(2-0)
WSC-321	What is science?	3(3-0)
SOC-307	Introduction to Sociology	3(3-0)
ISL-321	Islamic studies or	2 (2-0)
ISL-322	Ethics (for Non-Muslim)	2(2-0)
EDU-305	Child Development	3(3-0)
CRM-307	Introduction to Criminology	3(3-0)
THQ-I	Teaching of the Holy Quran-I	1(1-0)
Semester 2		
ENG-322	Expository writing	3(3-0)
PST-321	Pakistan Studies	2(2-0)
QTR-421	Quantitative Reasoning -1	3(3-0)
SOC-408	Gender studies	3(3-0)
ECO-408	Issues in Pakistan Economy	3(3-0)
CRM-308	Sociology of Deviance	3(3-0)
Semester 3		
CCE-421	Civics and Community Engagements	2(2-0)
ICT-321	Applications of Information and Communicative Technologies	3(3-0)
SOC-661	Social problems of Pakistan	3(3-0)
MCM-302	Mass media in Pakistan	3(3-0)
CRM-407	Theoretical Perspectives on Crime and Criminals	3(3-0)
QTR-422	Quantitative Reasoning-II	3(3-0)
THQ-II	Teaching of the Holy Quran-II	1(1-0)
Semester 4		
BAM-422	Entrepreneurship	2(2-0)
POL-404	Global Contemporary Issues	3(3-0)
CRM-404	Juvenile Delinquency	4(3-1)
CRM-406	Criminal Psychology	3(3-0)
CRM-408	Islamic Perspective on Crime and Punishment	3(3-0)
Semester 5		
CRM-501	Applied Criminology	3(3-0)
CRM-503	Criminal Justice system	4(3-1)
CRM-505	Penology	3(3-0)
CRM-507	Crime and security	3(3-0)
CRM-509	Correctional Institutions	3(2-1)
THQ-III	Teaching of the Holy Quran-III	1(1-0)
Semester 6		
CRM-502	Patterns of Crime	3(3-0)
CRM-504	Research Methodology -I	4(3-1)
CRM-506	Forensic Criminology	4(3-1)
CRM-508	Police and Policing	3(2-1)
CRM-510	Victimology	3(3-0)
Semester 7		
CRM-601	Procedures of evidence in Criminal Law	3(2-1)
CRM-603	Research Methodology-II	4(3-1)
CRM-605	Peace and conflict Resolution	3(3-0)
CRM-607	Cyber Crime	3(3-0)
CAP-630	Capstan Project	3(0-3)
THQ-IV	Teaching of the Holy Quran-IV	1(1-0)
Semester 8		
INT-631	Internship	3(0-3)
CRM-604	Community Justice and Crime Prevention	3(2-1)
CRM-606	Methods of Criminal Investigation	3(3-0)
CRM-631	Drug Abuse and Related Crimes/ Human Rights	3(3-0)
CRM-632	Women and Crime/ Violence and Terrorism	3(3-0)

MPhil / PhD Sociology

Core Courses for MPhil		
SOC-702	Contemporary Sociological Theory	3(3-0)
SOC-703	Gender and Development	4(3-1)
SOC-704	Population Dynamics	3(3-0)
SOC-705	Criminology	4(3-1)
SOC-709	Research Methods in Social Sciences	4(3-1)
Core Courses for PhD		
SOC-710	Qualitative Research Methods and Techniques	3(2-1)
SOC-711	Advance Research Methodology	3(3-0)
SOC-713	Contemporary Sociological Theory	3(3-0)
SOC-715	Techniques of Population Analysis	4(3-1)
SOC-720	Sociology of Health	3(3-0)
SOC-726	Sociology of Sustainable Development	3(3-0)
Optional Courses for MPhil & PhD		
SOC-706	Rural Social Organization	3(3-0)
SOC-707	Community Organization and Development	3(3-0)
SOC-708	Population Issues and Problems	3(3-0)
SOC-722	Criminology and Criminal Justice	3(3-0)
SOC-701	Advance Research Methods and Design	4(3-1)
SOC-712	Social Paradigms	3(3-0)
SOC-716	Sociology of Development	3(3-0)
SOC-717	Social Change	3(3-0)
SOC-718	Human Resource Development	3(3-0)
SOC-719	Gender Studies	3(3-0)
SOC-714	Contemporary Social Problems of Pakistan	3(3-0)
SOC-721	Project Management	3(3-0)
SOC-723	Sociology of Human Development	3(3-0)
SOC-724	Social Policy	3(3-0)
SOC-725	Poverty Reduction	3(3-0)
Mandatory Requirements for MPhil		
STA-795	Statistics for Research	3(2-1)
SOC-728	Seminar General	1(0-1)
SOC-729	Seminar Research	1(0-1)
SOC-730	Thesis	6(0-6)
Mandatory Requirements for PhD		
SOC-758	Seminar General	1(0-1)
SOC-759	Seminar Research	1(0-1)
SOC-760	Thesis	


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Prof. Dr. Nasir Amin


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Institute of Art & Design

Phone: 041-9201226
Email: finearts@gcuf.edu.pk



Programs Offered

1. BFA Fine Arts (Morning / Replica)
   With the following Specialization
   - BFA Fashion Design
   - BFA Textile Design
   - BFA Graphic Design
   - BFA Visual Arts
2. MPhil Arts and Design

Director: Dr. Muhammad Asghar



Vision

The vision of the Institute of Art & Design is to promote both art and aesthetic sense to fulfill the demand of national and international requirements. Our vision is to represent the diverse artistic traditions, for the inspiration and education of the public in accordance with our profession's ethical standards and practices.

Mission

The mission of the Institute is to formulate an artistic and educational community that values creativity, innovation, and conceptual tracks. The institute craves to temper craftsmanship with discipline and knowledge in the field of Art & Design.

Introduction

Institute of Art & Design offers 4-years degree, Bachlor of Finarts (BFA) with the specialization (Fashion Design, Textile Design, Graphic Design and visual Arts). Studio teaching at the institute is supported by well-equipped laboratories, broadband internet access, a sculpture workshop, photography and print-making studio, weaving lab, sewing lab, pattern lab, drawing lab, a library, and well-equipped computer lab.

Textile Design

The objective of the Textile Design major is to introduce a broad range of Textile processes and theoretical perspectives on which to base the practice of textile design. It also develops the skills necessary for researching and originating contemporary textile themes and creating fabric prototypes and samples.

Textile Design is concerned with understanding and creating one of the most intimate and yet public aspects of the material world. As technological and cultural creations, textiles and fundamental to the way we clothe, shelter and represent ourselves. As aesthetic expressions, textiles construct and communicate individual and social identities. Since the weather pattern of Pakistan mostly remains hot & dry, the focus of the majority of the designer is turning to launch individual brands in the field of Textile Prints for apparel, bedding and furniture prints. Therefore, it is pertinent for us to divert our curriculum in introducing the latest and innovative textile prints to attract industrial factors & demands.

Graphic Design

The term Graphic Design often refers to both the process (designing) by which the communication is created and the products (Designs) which are generated.

The faculty of Graphic Design at GC University Faisalabad focuses on number artistic and professional disciplines which lead to visual communication and presentation.

Various methods are thought to the students to create and combine symbols, images and words to create a visual representation of ideas & messages. Students use typography, visual arts and page layout techniques to produce the final result.

To impart academic knowledge and give practical exposure to the students of Graphic Design to produce skilled manpower for advertising agencies and other sources of product promotion services.

Fashion Design

The Faculty of Fashion Design maintains close ties and continuously collaborates with the fashion industry to provide current students with high-quality professional training in tune with the needs of the current international fashion scene and

industry.
The objective of this course is the development of the creative talent of young people who plan to become professional fashion designers. It widens their abilities through research, observation and close examination of the methods for the creation of an innovation and individual fashion collection.

Visual Arts:
The Faculty of Fine Visual Arts committed to the study and practice of the visual arts as these relate to creative artmaking, educational practice and theory and the understanding of art in its diverse historical and cultural backgrounds.
Institute of Art & Design produces well equipped graduates, to meet the numerous overlapping skills currently demanded within professional art practice and theoretical discourse.

Faculty

Dr. Muhammad Asghar
Director
Associate Professor
PhD (Muthesius University of Fine Art and Design, Germany)
Specialization: Design

Mr. Wajahit Ali
Assistant Professor
MA Hons Visual Arts (NCA - Pakistan)
Specialization: Painting, Visual Arts

Ms. Tehmina Afzal
Assistant Professor
M.Phil (GCWUF - Pakistan)
Specialization: Textile Design

Mr. Muhammad Faheem Tufail
Assistant Professor
MA Hons Visual Arts (NCA - Pakistan)
Specialization: Textile Design, Visual Arts

Mr. Muhammad Shahid Anjum
Assistant Professor (On Study Leave)
MFA Graphic Arts (PU-Pakistan)
Specialization: Graphic Design, Graphic Arts

Ms. Yousra Saleem
Assistant Professor
M.Phil (GCWUF-Pakistan)
Specialization: Fashion Design

Ms. Farwa Batool
Assistant Professor
MA (NCA-Pakistan)
Specialization: Graphic Design, Multimedia arts

Mr. Sajjad Ahmad Lakhnavi
Assistant Professor
MA (NCA-Pakistan)
Specialization: Textile Design, Interior design

Ms. Sammar Anwar
Assistant Professor
M.Phil (PU-Pakistan)
Specialization: Painting, History of Arts

Mr. Rizwan Munir
Assistant Professor
M.Phil (GCUF-Pakistan)
Specialization: Industrial garment design

Mr. Mohsin Mirza Latif
Lecturer
M.Phil (PU-Pakistan)
Specialization: Painting, Visual arts

Ms. Aliya Shafqat
Lecturer
M.Phil (NCA-Pakistan)
Specialization: Textile design, History of design, Cultural studies

Ms. Summra Shehzad
Lecturer
M.Phil (GCUF-Pakistan)
Specialization: Textile Design, Digital Textile design

Ms. Sabeen Fatima
Lecturer (on study leave)
PhD (scholar)
Specialization: Painting, History of Arts

Ms. Baneen Nazir
Lecturer
M.Phil (PU-Pakistan)
Specialization: Painting, History of Arts

Ms. Sadia Shafqat
Lecturer
MA (NCA-Pakistan)
Specialization: Textile design, Textile arts, History of Design

Mr. Abu Bakar Noorani
Lecturer
M.Phil (UAF-Pakistan)
Specialization: Fashion Design, Pattern making, Draping

Ms. Aneeza Saleem
Lecturer (on study leave)
M.Phil (scholar)
Specialization: Graphic design

Mr. Muhammad Ali
Lecturer
M.Phil (GCUF-Pakistan)
Specialization: Graphic design

Ms. Rabia Shereen
Teaching Assistant
M.Phil (GCUF-Pakistan)
Specialization: Painting

Scheme of Studies
BFA Fine Arts

Semester 1 (Foundation)		
IAD-301	Basic Design I	2(0-2)
IAD-303	Basic Drawing I	2(0-2)
IAD-305	Calligraphy	2(0-2)
IAD-307	Introduction to Visual Arts	2(2-0)
MCM-352	Basics of Mass Communication	2(2-0)
QTR-421	Quantitative Reasoning I	3(3-0)
ICT-321	Application of Information and Communication Technologies	3(2-1)
ENG-321	Functional English	3(3-0)
THQ-I	Teaching of The Holy Quran -I	1(1-0)
Semester 2 (Foundation)		
IAD-302	Basic Design II	2(0-2)
IAD-304	Basic Drawing II	2(0-2)
IAD-306	Basic Sculpture	3(0-3)
EDU-324	Introduction to Education	2(2-0)
QTR-422	Quantitative Reasoning II	3(3-0)
ICP-321	Ideology and Constitution of Pakistan	2(2-0)
ENG-322	Expository writing	3(3-0)

CCD-421	Civics and Community Engagement	2(2-0)

Specialization in Fashion Design

Semester 3		
IAD-401	Fundamentals of Pattern and Sewing	2(0-2)
IAD-403	Basic Draping	2(0-2)
IAD-405	Integrated Design I	2(0-2)
IAD-407	Human Anatomy: Drawing	2(0-2)
IAD-409	Computer Aided Design	2(0-2)
IAD-411	History of Fashion Costume I	2(2-0)
WSC-321	The Science of Global Challenges	3(3-0)
ISL-302	Islamic Studies / Ethics	2(2-0)
THQ-II	Teaching of The Holy Quran –II	1(1–0)
Semester 4		
IAD-402	Mathematics of Pattern	2(0-2)
IAD-404	Draping (Techniques)	2(0-2)
IAD-406	Machine Sewing	3(0-3)
IAD-408	Integrated Design II	2(0-2)
IAD-410	Technical Fashion Drawing I	3(0-3)
IAD-412	Digital Apparel Design	2(0-2)
IAD-414	History of Fashion Costume II	2(2-0)
IAD-416	Fabric Aesthetics	2(2-0)
ENT-422	Entrepreneurship	2(2-0)
Semester 5		
IAD-501	Pattern and Grading	2(0-2)
IAD-503	Advanced Draping I	2(0-2)
IAD-505	Advance Sewing	2(0-2)
IAD-507	Techniques of Textile	2(0-2)
IAD-509	Technical Fashion Drawing II	2(0-2)
IAD-511	Fashion Marketing & Visual Merchandising	2(2-0)
IAD-513	Fashion Trends and Forecast	2(2-0)
IAD-512	Fashion Business Communication	2(2-0)
*	Elective I	3(0-3)
THQ-III	Teaching of The Holy Quran -III	1(1–0)
* Creative Drawing I (IAD-563) * Installation Art (IAD-566) *Conceptual Art (IAD-568) Note: Students will opt. one subject from BFA Visual Arts		
Semester 6		
IAD-502	Advance Pattern	2(0-2)
IAD-504	Advanced Draping II	2(0-2)
IAD-506	Couture Finishes	2(0-2)
IAD-508	Digital Fashion Drawing	2(0-2)
IAD-510	Accessories Design	2(0-2)
IAD -514	Textile & Fashion Technology	2(2-0)
IAD -516	Apparel Technology	2(2-0)
*	Elective II	3(0-3)
* Basic Photography (IAD-427) * AI for Creative Arts (IAD-525) * Graphic Arts (IAD-524) Note: Students will opt. one subject from BFA Graphic Design		
Semester 7		
IAD-601	Project Execution	4(0-4)
IAD-603	Haute Couture Draping	2(0-2)
INT-631	Internship	3(0-3)
IAD-607	Research Methods in Fashion Design	2(2-0)
*	Elective III	3(0-3)
THQ-IV	** Teaching of The Holy Quran –IV	1(1–0)
* Techniques of Textile Printing I (IAD-443) * Surface Design (IAD-549) * Weaving I (IAD-545) Note: Students will opt. one subject from BFA Textile Design		
Semester 8		
IAD-602	Capstone Project	8(3-5)
**Audit Course (No Credits)		

Specialization in Graphic Design

Semester 3		
IAD-421	Graphic Design I	3(0-3)
IAD-423	Drawing I	2(0-2)
IAD-425	Computer Graphics I	3(0-3)
IAD-427	Basic Photography	3(0-3)
IAD-429	History of Design I	2(2-0)
WSC-321	The Science of Global Challenges	3(3-0)
ISL-321	Islamic Studies / Ethics	2(2-0)
THQ-II	Teaching of The Holy Quran - II	1(1-0)
Semester 4		
IAD-422	Graphic Design II	3(0-3)
IAD-424	Drawing II	3(0-3)
IAD-426	Computer Graphics II	3(0-3)
IAD-428	Digital Photography	3(0-3)
IAD-430	History of Design II	2(2-0)
ENT-422	Entrepreneurship	2(2-0)
Semester 5		
IAD-521	Graphic Design - Major I	4(0-4)
IAD-523	Illustrative Drawing I	3(0-3)
IAD-525	AI for Creative Arts	3(0-3)
*	Elective I	3(0-3)
IAD-527	Print and Publishing	2(2-0)
IAD-529	Creative Copy Writing	2(2-0)
IAD-531	Contemporary Design Culture	2(2-0)
THQ-III	Teaching of The Holy Quran - III	1(1-0)
* Technical Fashion Drawing I (IAD-410) * Accessories Design (IAD-510) * Machine Sewing (IAD-406) Note: students will opt. one subject from BFA Fashion Design		
Semester 6		
IAD-522	Graphic Design -Major II	4(0-4)
IAD-524	Graphic Arts	3(0-3)
IAD-526	Digital Media	3(0-3)
IAD-528	Illustrative Drawing II	3(0-3)
*	Elective II	3(0-3)
IAD-530	Digital Marketing	2(2-0)
* Techniques of Textile Printing I (IAD-443) * Surface Design (IAD-549) * Weaving I (IAD-545) Note: Students will opt. one subject from BFA Textile Design		
Semester 7		
IAD-621	Project Execution	4(0-4)
IAD-623	Animation and Visual Effects	3(0-3)
*	Elective III	3(0-3)
INT-631	Internship	3(0-3)
IAD-625	Research Methods in Graphic Design	2(2-0)
THQ-IV	Teaching of The Holy Quran - IV	1(1-0)

* Creative Drawing I (IAD-563) * Installation Art (IAD-566) *Conceptual Art (IAD-568) Note: Students will opt. one subject from BFA Visual Arts		
Semester 8		
IAD-622	Capstone Project	8 (3-5)
**Audit Course (No Credits)		

Specialization in Textile Design

Semester 3		
IAD-441	Textile Design I	3(0-3)
IAD-443	Techniques of Textile Printing I	3(0-3)
IAD-445	CAD Print Design I	2(0-2)
IAD-447	Drawing I	2(0-2)
IAD-449	History of Design I	2(2-0)
WSC-321	The Science of Global Challenges	3(3-0)
ISL-302	Islamic Studies	2(2-0)
THQ-II	Teaching of The Holy Quran-II	1(1-0)
Semester 4		
IAD-442	Textile Design II	3(0-3)
IAD-444	Techniques of Textile Printing II	3(0-3)
IAD-446	CAD Print Design II	3(0-3)
IAD-448	Drawing II	2(0-2)
IAD-450	History of Design II	2(2-0)
ENT-422	Entrepreneurship	2(2-0)
Semester 5		
IAD-541	Textile Design - Major I	4(0-4)
IAD-543	Digital Textiles I	2(0-2)
IAD-545	Weaving I	3(0-3)
IAD-547	Textile Drawing I	2(0-2)
IAD-549	Surface Design	3(0-3)
*	Elective I	3(0-3)
IAD-551	History of Textile I	2(2-0)
THQ-III	Teaching of The Holy Quran - III	1(1-0)
* Basic Photography (IAD-427) * AI for Creative Arts (IAD-525) * Graphic Arts (IAD-524) Note: Students will opt. one subject from BFA Graphic Design		
Semester 6		
IAD-542	Textile Design - Major II	4(0-4)
IAD-544	Digital Textiles II	2(0-2)
IAD-546	Weaving II	3(0-3)
IAD-548	Textile Drawing II	2(0-2)
*	Elective II	3(0-3)
IAD-550	History of Textiles II	2(2-0)
IAD-552	Textile Printing	2(2-0)
* Creative Drawing I (IAD-563) * Installation Art (IAD-566) *Conceptual Art (IAD-568) Note: Students will opt. one subject from BFA Visual Arts		
Semester 7		
IAD-641	Project Execution	4(0-4)
IAD-643	Textile Art	3(0-3)
*	Elective III	3(0-3)
INT-631	Internship	3(0-3)
IAD-645	Research Methods in Textile Design	2(2-0)
IAD-647	South Asian Crafts	2(2-0)
THQ-IV	Teaching of The Holy Quran - IV	1(1-0)
* Technical Fashion Drawing I (IAD-410) * Accessories Design (IAD-510) * Machine Sewing (IAD-406) Note: students will opt. one subject from BFA Fashion Design		
Semester 8		
IAD-642	Capstone Project	8(3-5)
**Audit Course (No Credits)		

Specialization in Visual Arts

Semester 3		
IAD-461	Painting	4(0-4)
IAD-463	Miniature Painting	4(0-4)
IAD-465	Drawing I	2(0-2)
IAD-467	History of South Asian Art	2(2-0)
WSC-321	The Science of Global Challenges	3(3-0)
ISL-321	Islamic Studies / Ethics	2(2-0)
THQ-II	Teaching of The Holy Quran II	1(1-0)
Semester 4		
IAD-462	Sculpture	5(0-5)
IAD-464	Printmaking	5(0-5)
IAD-466	Drawing II	3(0-3)
IAD-468	History of Muslim Art	2(2-0)
ENT-422	Entrepreneurship	2(2-0)
Semester 5		
IAD-561	Visual Arts- Major I	4(0-4)
IAD-563	Creative Drawing I	3(0-3)
IAD-565	Landscape and Portrait Painting	3(0-3)
IAD-567	Creative Photography	3(0-3)
*	Elective I	3(0-3)
IAD-569	History of Western Art	2(2-0)
THQ-III	Teaching of The Holy Quran III	1(1-0)
* Techniques of Textile Printing I (IAD-443) * Surface Design (IAD-549) * Weaving I (IAD-545) Note: Students will opt. one subject from BFA Textile Design		
Semester 6		
IAD-562	Visual Arts - Major II	4(0-4)
IAD-564	Creative Drawing II	3(0-3)
IAD-566	Installation Art	3(0-3)
*	Elective II	3(0-3)
IAD-568	Conceptual Art	3(0-3)
IAD-570	History of Modern Art	2(2-0)
* Technical Fashion Drawing I (IAD-410) * Accessories Design (IAD-510) * Machine Sewing (IAD-406) Note: students will opt. one subject from BFA Fashion Design		
Semester 7		
IAD-661	Project Execution	4(0-4)
IAD-663	Contemporary Drawing Practices	2(0-2)
IAD-665	History of Post-Modern Art	2(2-0)
IAD-667	Research Methods in Visual Arts	2(2-0)
*	Elective III	3(0-3)
	Internship	3(0-3)
THQ-IV	Teaching of The Holy Quran IV	1(1-0)
* Basic Photography (IAD-427) * AI for Creative Arts (IAD-525) * Graphic Arts (IAD-524) Note: Students will opt. one subject from BFA Graphic Design		
Semester 8		
IAD-662	Capstone Project	8(3-5)

**Audit Course (No Credits)

MPhil Art and Design

Semester 1		
IAD711	Critical Theory in Art and Design	3(3-0)
IAD712	Studio Practice 1	3(0-3)
IAD715	Research Methodology	3(3-0)
IAD716	Creative Visual Practice I	3(0-3)
Semester 2		
IAD717	Sociology of Culture and Arts	3(3-0)
IAD718	Studio Practice II	3(0-3)
IAD721	Contemporary Art and Design Practices	3(0-3)
IAD722	Creative Visual Practice II	3(0-3)
Semester 3 & 4		
IAD 730	Thesis Exhibition	6(0-6)

















Faculty of

Economics & Management Sciences

Ph: 041-9201478

1. College of Commerce
2. Department of Economics
3. Department of Public Administration
4. Lyallpur Business School (LBS)

College of Commerce

Phone: 041-9203019
Email: commerce@gcuf.edu.pk



Programs Offered

1. BS Commerce
2. BS Commerce Bridging
3. BS Accounting & Finance
4. MPhil Commerce

Principal : Dr. Khalid Latif



Vision

To generate commerce professionals with strong theoretical and practical knowledge of the field and to enable them to be successful managers for both public and private sectors.

Mission

Commerce is the backbone of any business concern in today's world of cut throat competition in the volatile business environment, the role of commerce professionals has become highly demanding and challenging. The College aims to promote research in business and market to predict the emerging business trends thus ensuring a meaningful contribution to the Pakistani economy.

Introduction

Government College University, Faisalabad is located in the heart of Faisalabad which is a large industrial and commercial hub. To address the requirements of industry, College of Commerce is offering BS Commerce, M. Com, and MPhil Commerce programs in accordance with the HEC policies. To equip our students with contemporary business and employment opportunities as linked with the CPEC, College of Commerce is launching new academic programs, BS (Accounting & Finance) and MSc. (Accounting & Finance). Our programs are structured on team based interactive learning, class room lectures, presentations, case studies, field visits, and research reports.

Faculty

Dr. Khalid Latif
Principal/ Treasurer
PhD. (IIUI-Pakistan)
Specialization: Accounting & Finance.

Dr. Nadeem Sohail
Associate Professor
PhD (UOS-Pakistan)
Specialization: Economics

Dr. Khurram Ashfaq
Assistant Professor
PhD. (China)
Specialization: Accounting & Finance.

Dr. Quaisar Ijaz Khan
Assistant Professor (OPS)
PhD (UUM-Malaysia)
Specialization: Human Resource Management

Dr. Khalid Hussain
Assistant Professor (OPS)
PhD. (PU-Pakistan)
Specialization: Accounting & Auditing

Dr. Arooj Naz
Assistant Professor (OPS)
PhD (GCUF-Pakistan)
Specialization: Finance

Ms. Sabeen Masood
Lecturer
MS (NUML-Pakistan)
Specialization: Human Resource Management

Ms. Ayesha Attique
Lecturer
PhD Scholar (GCUF-Pakistan)
Specialization: Finance

Mian Muhammad Niaz Shakir
Lecturer
M.Phil. (LLU-Pakistan)
Specialization: Management

Mr. Sanaullah
Lecturer
MS (NUML-Pakistan)
Specialization: Law & Management

Mr. Muhammad Adnan Afzal
Lecturer (On Study Leave)
PhD Scholar (SU-Pakistan)
Specialization: Accounting & Finance

Mr. Gohar Mahmood
Lecturer (On Study Leave)
PhD Scholar (BZU-Pakistan)
Specialization: Accounting & Finance

Mr. Shoaib Masood Khan
Lecturer
PhD Scholar (BZU-Pakistan)
Specialization: Finance

Ms. Khadija Zulfiqar
Lecturer
M.Phil. (UAF-Pakistan)
Specialization: Economics

Mr. Nasir Abbas
Lecturer
PhD Scholar (BZU-Pakistan)
Specialization: Finance

Muhammad Zohaib Irshad
Lecturer
PhD Scholar (TUF-Pakistan)
Specialization: Knowledge Management

Mr. Muhammad Adnan
Lecturer
MS (NCBA&E Pakistan)
Specialization: Business Administration

Mr. Muhammad Shakeel Ahmed
Lecturer
MS (UET-Pakistan)
Specialization: Management

Syed Usman Izhar
Lecturer (On Study Leave)
PhD Scholar (HCC-Pakistan)
Specialization: Finance

Muhammad Khaqan Azam
Lecturer
PhD Scholar (BZU-Pakistan)
Specialization: Finance

Mr. Shahid Mahmood
Research officer
PhD Scholar (GCUF - Pakistan)
Specialization: Finance

Mr. Muhammad Adnan Ali
Teaching Assistant
M.Phil (GCUF - Pakistan)
Specialization: Finance

Scheme of Studies
BS Commerce

Semester 1		
COM-301	Principles of Accounting	3(3-0)
COM-303	Introduction to Business	3(3-0)
ECO-301	Principles of Microeconomics	3(3-0)
ENG-321	Functional English	3(3-0)
ISL-321	Islamic Studies/ Ethics *	2(2-0)
ENG-310	Basic English Grammar	2(2-0)
+THQ-I	Teaching of The Holy Quran - I **	1(1–0)
Semester 2		
COM-302	Financial Accounting	3(3-0)
ECO-302	Principles of Macroeconomics	3(3-0)
PST-321	Pakistan Studies	2(2-0)
CSI-321	Application of Information and Communication Technologies (ICT)	3(2-1)
CCE-421	Civics and Community Engagement	2(2-0)
ICP-321	Ideology and Constitution of Pakistan	2(2-0)
Semester 3		
COM-401	Advanced Accounting-I	3(3-0)
COM-403	Introduction to Business Finance	3(3-0)
COM-405	Auditing	3(3-0)
QTR-421	Quantitative Reasoning –I	3(3-0)
PSY-321	Business Psychology	2(2-0)
ENG-426	Expository Writing	3(3-0)
+THQ-II	Teaching of The Holy Quran -II **	1(1–0)
Semester 4		
COM-402	Advanced Accounting-II	3(3-0)
COM-404	Cost Accounting	3(3-0)
COM-406	Income Tax	3(3-0)
GSC-321	The Science of Global Challenges	3(2-1)
ENT-422	Entrepreneurship	2(2-0)
QTR-422	Quantitative Reasoning – II	3(3-0)
Semester 5		
COM-501	Principles of Management	3(3-0)
COM-503	Financial Management	3(3-0)
COM-505	Research Methods in Business	3(3-0)
COM-507	Customs and Sales Tax	3(3-0)
STA 304	Business Statistics	3(3-0)
COM-304	Business Law	3(3-0)
+THQ-III	Teaching of The Holy Quran -III **	1(1–0)
Semester 6		
COM-502	Managerial Accounting	3(3-0)
COM-504	Human Resource Management	3(3-0)
COM-506	Corporate Law and Secretarial Practices	3(3-0)
COM-508	Principles of Marketing	3(3-0)
ECO-512	Managerial Economics	3(3-0)
Semester 7		
COM-601	Strategic Management	3(3-0)
COM-603	E-Commerce	3(3-0)

COM-	Elective-I	3(3-0)
COM-	Elective-II	3(3-0)
CAP-630	Capstone Project in Commerce	3(0-3)
+THQ-IV	Teaching of The Holy Quran -IV **	1(1–0)
Semester 8		
COM-602	International Business	3(3-0)
COM-604	Enterprise Resource Planning	3(3-0)
COM-606	Supply Chain Management	3(3-0)
COM-608	Organizational Behavior	3(3-0)
COM-	Elective-III	3(3-0)
COM-	Elective-IV	3(3-0)
INT-631	Internship and Report ***	3(0-3)

Notes:
*Religious Education/Ethics in lieu of Islamic Studies
**Non-Credit Hour Course
***During the summer vacations, a 6 to 9-week internship program shall be completed by the students having passed at least fifty percent (50%) of the courses/semesters.

Accounting		
COM-611	Financial Reporting	3(3-0)
COM-612	Industrial Accounting	3(3-0)
COM-613	Advanced Auditing Problems	3(3-0)
COM-614	Cost Accounting for Selected Sectors	3(3-0)
COM-615	Advance Auditing Problems	3(3-0)
COM-616	Government Accounting	3(3-0)
COM-617	Accounting for Decision Making	3(3-0)
Finance		
COM-618	Investment and Portfolio Management	3(3-0)
COM-619	International Finance	3(3-0)
BAM-618	Corporate Finance	3(3-0)
COM-624	Islamic Banking and Finance	3(3-0)
COM-620	Risk Management	3(3-0)
COM-621	Analysis of Financial Statements	3(3-0)
COM-622	Financial Markets and Institutions	3(3-0)

* Student will opt two Elective courses from any one group in each semester.

Deficiency Courses For Bridging Semester

1-Students having B.Com/ AD A&F/ADC under annual system/ADC under semester system are eligible to be directly enrolled in 5th semester of BS (commerce)/BS (Accounting & Finance).
2-The bridging semester for the Applicants having degree(s) other than the above mentioned is as under or decided by the departmental committee:-

COM-301	Principles of Accounting	3(3-0)
COM-302	Financial Accounting	3(3-0)
COM-303	Introduction to Business	3(3-0)
COM-304	Business Law	3(3-0)
ECO-301	Principles of Microeconomics	3(3-0)
ECO-302	Principles of Macroeconomics	3(3-0)
COM-401	Advance Accounting-I	3(3-0)
COM-402	Advance Accounting-II	3(3-0)
COM-404	Cost Accounting	3(3-0)
COM-405	Auditing	3(3-0)
QTR-409	Quantitative Reasoning-I	3(3-0)
PSY-321	Business Psychology	2(2-0)
COM-403	Introduction to Business Finance	3(3-0)
QTR-422	Quantitative Reasoning-II	3(3-0)
ENG-421	Communication Skills	3(3-0)
COM-406	Income Tax	3(3-0)

BS Accounting & Finance

Semester 1		
AAF-301	Financial Accounting-I	3(3-0)
AAF-303	Introduction to Business	3(3-0)
ECO-301	Principles of Micro Economics	3(3-0)
ENG-321	Functional English	3(3-0)
ISL-321	Islamic Studies/ Ethics*	2(2-0)
ENG-310	Basic English Grammar	2(2-0)
+THQ-I	Teaching of The Holy Quran -I **	1(1–0)
Semester 2		
AAF-302	Financial Accounting-II	3(3-0)
ECO-302	Principles of Macro Economics	3(3-0)
PST-321	Pakistan Studies	2(2-0)
CSI-321	Application of Information and Communication Technologies (ICT)	3(2-1)
GSC-321	The Science of Global Challenges	3(2-1)
ICP-321	Ideology and Constitution of Pakistan	2(2-0)
Semester 3		
AAF-401	Advanced Accounting-I	3(3-0)
AAF-403	Introduction to Business Finance	3(3-0)
AAF-405	Business Taxation	3(3-0)
PSY-321	Business Psychology	2(2-0)
ENG-322	Expository Writing	3(3-0)
QTR-421	Quantitative Reasoning –I	3(3-0)
+THQ-II	Teaching of The Holy Quran -II **	1(1–0)
Semester 4		
AAF-402	Advanced Accounting-II	3(3-0)
AAF-404	Cost Accounting	3(3-0)
AAF-406	Principles of Auditing	3(3-0)
CCE-421	Civics and Community Engagement	2(2-0)
ENT-422	Entrepreneurship	2(2-0)
AAF-304	Business and Corporate Law	3(3-0)
QTR-422	Quantitative Reasoning –II	3(3-0)
Semester 5		
AAF-501	Principles of Management	3(3-0)
AAF-503	Financial Management	3(3-0)
AAF-507	Financial Reporting	3(3-0)
AAF-509	Research Methods in Business	3(3-0)
STA-304	Business Statistics	3(3-0)
+THQ-III	Teaching of The Holy Quran -III **	1(1–0)
Semester 6		
AAF-502	Principles of Marketing	3(3-0)
AAF-504	Management Accounting	3(3-0)
AAF-506	Corporate Governance	3(3-0)
ECO-512	Managerial Economics	3(3-0)
AAF-508	Human Resource Management	3(3-0)
Semester 7		
AAF-601	Investment and Portfolio Management	3(3-0)
AAF-603	Islamic Banking and Finance	3(3-0)
AAF-605	Enterprise Resource Planning	3(3-0)

AAF-607	Analysis of Financial Statements	3(3-0)
CAP-630	Capstone Project	3(0-3)
+THQ-IV	Teaching of The Holy Quran -IV **	1(1–0)
Semester 8		
AAF-602	Risk Management	3(3-0)
AAF-604	Financial Institutions and Markets	3(3-0)
AAF-606	International Finance	3(3-0)
AAF-608	Financial Modelling	3(3-0)
AAF-609	Quantitative Techniques in Business	3(3-0)
INT-631	Internship and Report ***	3(0-3)
Notes: *Religious Education/Ethics in lieu of Islamic Studies **Non-Credit Hour Course ***During the summer vacations, a 6 to 9-week internship program shall be completed by the students having passed at least fifty percent (50%) of the courses/semesters.		

MPhil Commerce

Core Courses		
COM-701	Advance Research Methods and Techniques	3(3-0)
ECO-703	Econometrics: Theory and Practices	3(3-0)
	* Elective-I	3(3-0)
	* Elective-II	3(3-0)
COM-700	Advanced Corporate Accounting/Reporting	3(3-0)
ECO-706	Applied Econometrics	3(3-0)
	* Elective-III	3(3-0)
	* Elective-IV	3(3-0)
Mandatory Courses For MPhil		
STA-795	Statistics for Research	3(2-1)
COM-728	Seminar General	1(0-1)
COM-729	Seminar Research	1(0-1)
COM-730	Thesis	6(0-6)
FIELD OF SPECIALIZATION		
Accounting and Finance		
COM-745	Financial Modeling	3(3-0)
BAM-728	Financial Institutions and Markets	3(3-0)
COM-734	Advanced Financial Risk Management	3(3-0)
COM-709	Advance Auditing Issues	3(3-0)

COM-710	International Accounting	3(3-0)
COM-717	Advanced Management Accounting issues	3(3-0)
COM-718	Securities Analysis and Portfolio Management	3(3-0)
COM-719	Strategic Management Accounting Problems	3(3-0)
COM-720	Strategic Financial Management	3(3-0)
BAM-778	Issues in Corporate Governance	3(3-0)
Management and Entrepreneurship		
COM-713	Strategic Human Resource Management	3(3-0)
BAM-781	Compensation and Performance Management	3(3-0)
COM-715	Organizational Behavior & leadership	3(3-0)
COM-714	Entrepreneurship and Business Development	3(3-0)
COM-716	Contemporary Issues in Business	3(3-0)
* Student will opt 4 Elective courses from any one group.		



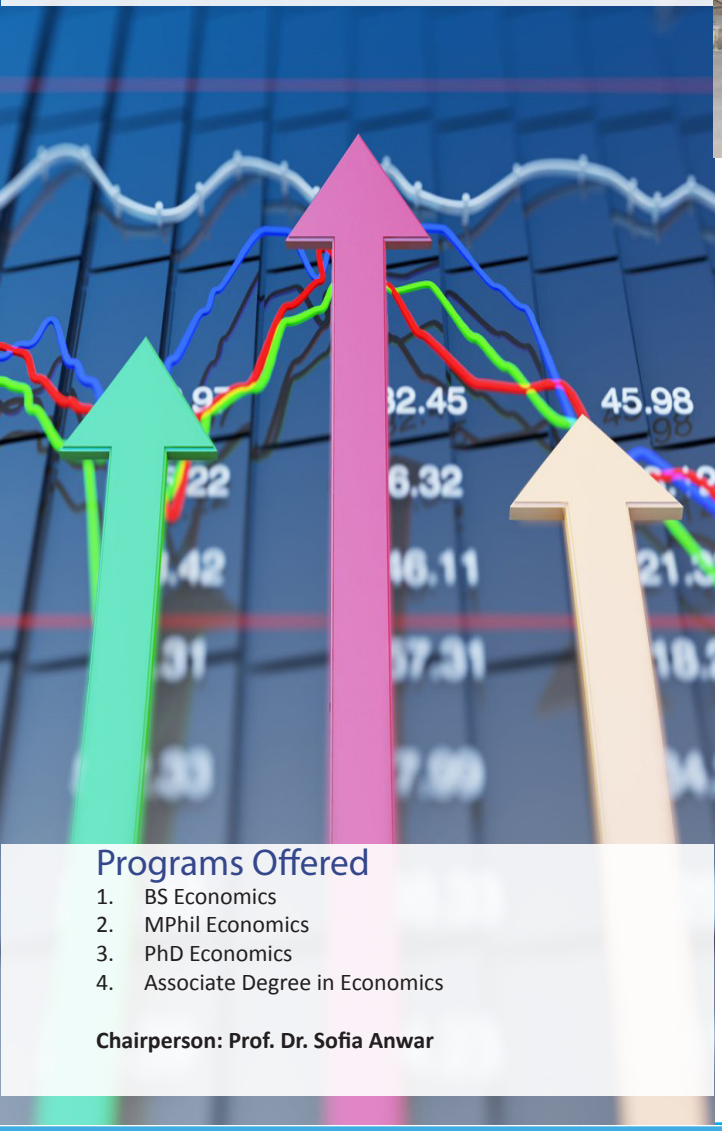






Department of Economics

Phone: 041-9201478
Email: economics@gcuf.edu.pk
sofia_eco@gcuf.edu.pk



Programs Offered

1. BS Economics
2. MPhil Economics
3. PhD Economics
4. Associate Degree in Economics

Chairperson: Prof. Dr. Sofia Anwar



Vision

To achieve broad and increasing recognition of the excellence of academic programs among public and private institutions at the national and international level, and to equip students with skills to implement theoretical and applied research to contribute towards improving knowledge and resolving problems confronting the economy.

Mission

To enable the students to exercise their intellectual capacity, acquire disciplinary knowledge and analytical skills, value diversity in people and ideas, and develop ethical decision-making abilities. To produce quality economists that will play a constructive role in different public, and private sector organizations, and research-based policy formulation. The learning environment is distinguished by admission on merit only, highly accessible faculty, teamwork, and information technology-supported education. The economics faculty places an emphasis on excellence in teaching through continuous professional development, as well as, in applied and theoretical economic research. Currently, the Department is offering graduate and postgraduate degree programs viz-a-viz BS, MPhil, and PhD.

Introduction

Economists focus on decision-making for efficient, equitable, and sustainable use of scarce resources. The prime focus is to achieve economic growth that raises standards of livings for broad swaths of a population and to promote development that includes marginalized people, and different sectors of the economy in social, political, and economic processes for increased human well-being, social and environmental sustainability, and empowerment. Economic theory provides deep insights into individual and social behaviors as well as a variety of contemporary issues. The employment prospects for economists are very wide as the importance of economics is inevitable. Students acquire problem-solving skills that are valued by the government and business community, techniques to examine a variety of socio-economic, climatic, and environmental issues. Our department is well-known for the excellence of its teaching and research, with a strong reputation for producing innovative graduates. The Department of Economics has developed curricula to meet present-day requirements. Formulation of policy alternatives by conducting solution-oriented research to assist the decision makers for uniform growth and developing manpower in line with the demands of local and international markets are the priorities of the Department. In this context, the Department of Economics is playing a key role to fill the gap in the availability of human resources that are required to improve the momentum of economic growth and eradicate socioeconomic evils.

Objectives

The prime objective of the Department is to produce graduates equipped with strong theoretical and applied knowledge of economics to work efficiently in various sectors of the economy.. All the academic programs of the Department of Economics have been carefully designed to fulfill the following specific objectives.

- To offer quality programs that Maintain high academic standards, including core components to foster critical thinking, communication, and commitment to lifelong learning.

- To provide the opportunity for higher education to students from diverse backgrounds.
- To assist students in developing, evaluating, and implementing employment decisions and plans by helping students to develop self-knowledge related to career choice and work preferences, providing educational and occupational information to guide students' career and educational planning.
- To develop their understanding of the world of work and link students with alumni, employers, and professional organizations. In addition to imparting classroom knowledge, the department strives hard to engage students in research activities.

Department has been actively involved in research-based activities with national and international organizations and has won projects in this regard. These projects help enhance capacity building and provide employment opportunities to students. Currently, three projects are running in the department. The project entitled "Estimation of transport energy demand and development of future pathways for greener Pakistan" under HEC NRPU2017 was won by Prof. Dr. Sofia Anwar (PI) and Dr. Syed Asif Ali Naqvi (co-PI). In the 2018 NRPU by HEC Pakistan again a project entitled "Socio-economic impacts of extreme weather events on the livelihood and adaptations to offset vulnerabilities for improving living standard in Punjab" was won by Dr. Syed Asif Ali Naqvi (PI) and Dr. Sofia Anwar as co-PI. Department has the honor also to participate in an international project "Strengthening Vegetable Value Chains in Pakistan (SVVSP) for greater community livelihood benefits (2018-2022)" funded by the Australian Center for International Agricultural Research (ACIAR) Through CABI and UAF. In the Marketing team, Dr. Sofia Anwar is working as Project Incharge -I along with Dr. Syed Asif Ali Naqvi and Dr. Abdul Majeed Nadeem as team members.
The department has also contributed to the "Consultation on Economic Development Strategy (EDS) for Faisalabad" under the umbrella of The Urban Unit and United Nations Development Program (UNDP). A team comprising of Dr. Abdul Majeed Nadeem, Dr. Muhammad Sohail Amjad Makhdum and Dr. Syed Asif Ali Naqvi under the dynamic leadership of Prof. Dr. Sofia Anwar actively participated in the said project.



Faculty

Prof. Dr. Sofia Anwar
Professor / Chairperson
PhD (Pak)
Specialization: Production Economics, Macroeconomics, Research Methodology

Prof. Dr. Hazoor Muhammad Sabir
Professor
PhD (Pak)
Specialization: Research Methodology

Dr. Muhammad Rizwan Yaseen
Associate Professor (Tenured)
PhD (France)
Specialization: Simulation and Food security

Dr. Abdul Majeed Nadeem
Assistant Professor
PhD (China)
Specialization: Agricultural and Environmental Economics

Dr. Muhammad Sohail Amjad Makhdum
Assistant Professor (TTS)
PhD (Germany)
Specialization: Microeconomics and Development Economics

Dr. Syed Asif Ali Naqvi
Assistant Professor (TTS)
PhD (Pak)
Specialization:Climate change impacts

Dr. Sadia Ali
Assistant Professor
PhD (Pak)
Specialization: Mathematical Economics, Managerial Economics

Dr. Abdul Quddoos
Assistant Professor
PhD (Austria)
Specialization: Mathematical Economics, Production Economics

Dr. Imran Qaisar
Assistant Professor
PhD (Germany)
Specialization: Computer Applications, Statistics, Efficiency Analysis

Dr. Muhammad Faraz Riaz
Assistant Professor
PhD (Germany)
Specialization: Econometrics and Mathematical Economics

Dr. Asia Naseem
Assistant Professor (OPS)
PhD (Pak)
Specialization: International Trade

Dr. Muhammad Umar Farooq
Assistant Professor (OPS)
PhD (China)
Specialization: Monetary Economics

Dr. Nazia Yasmin
Assistant Professor (OPS)
PhD (Germany)
Specialization: Development Economics

Mr. Qasim Ali
Lecturer
MPhil (Pak), PhD Scholar
Specialization: Microeconomics

Dr. Saadia Narjis
Lecturer
PhD (Pak)
Specialization: Agriculture Economics

Ms. Anam Shahzadi
Lecturer
MPhil (Pak), PhD Scholar (Germany)
Specialization: Macroeconomics, Econometrics

Ms. Anisa Shamim
Lecturer
MPhil (Pak), PhD Scholar
Specialization: International Economics

Mr. Muhammad Abubakar
Teaching Assistant
MPhil (Pak)

Scheme of studies
BS Economics

Semester 1		
ECO-301	Principles of Microeconomics	3(3-0)
ENG-321	Functional English	3(3-0)
ISL-321 / ISL-322	Islamic Studies / Ethics	2(2-0)
QRT-421	Quantitative Reasoning – I	3(3-0)
ICT-321	Information and Communication Technology	3(2-1)
CCD-421	Civics and Community Development	2(2-0)
+THQ-I	Teaching of The Holy Quran -I	1(1–0)
Semester 2		
ECO-302	Principles of Macroeconomics	3(3-0)
ENG-322	Expository Writing	3(3-0)
ICP-321	Ideology and Constitution of Pakistan	2(2-0)
QRT-422	Quantitative Reasoning – II	3(3-0)
GSC-321	The Science of Global Challenges	3(2-1)
BPA-304	Introduction to Public Policy	3(3-0)
Semester 3		
ECO-401	Intermediate Micro Economics	3(3-0)
ECO-403	Agricultural Economics	3(3-0)
PST-321	Pakistan Studies	2(2-0)
STA-401	Statistical Inference	3(3-0)
BAM-404	Human Resource Management	3(3-0)
MGT-401	Principles of Management	3(3-0)
+THQ-II	Teaching of The Holy Quran -II	1(1–0)
Semester 4		
SOC-307	Introduction to Sociology	3(3-0)
ECO-402	Intermediate Macroeconomics	3(3-0)
ECO-404	World Economic History	3(3-0)
ECO-406	International Trade Theory	3(3-0)
ECO-408	Issues in Pakistan Economy	3(3-0)
BAM-422	Entrepreneurship	2(2-0)
Semester 5		
ECO-501	Microeconomic Theory	3(3-0)
ECO-503	Macroeconomic Theory	3(3-0)
ECO-505	Mathematical Economics I	3(3-0)
ECO-507	Population Economics	3(3-0)
ECO-509	International Finance	3(3-0)
ECO-511	Health Economics	3(3-0)
+THQ-III	Teaching of The Holy Quran -III	1(1–0)
Semester 6		
ECO-502	Development Economics	3(3-0)
ECO-504	Econometrics I	3(3-0)
ECO-506	Mathematical Economics II	3(3-0)
ECO-508	Environmental and Natural Resource Economics	3(3-0)
ECO-512	Managerial Economics	3(3-0)
*INT-631	Internship	3(0-3)
Semester 7		
ECO-601	Research Methodology	3(3-0)
ECO-603	Public Sector Economics	3(3-0)
ECO-605	Econometrics II	3(3-0)
ECO-607	Project Appraisal and Investment Analysis	3(3-0)
ECO-609	Labor Economics	3(3-0)
ECO-510	General Equilibrium and Welfare Economics	3(3-0)
+THQ-IV	Teaching of The Holy Quran -IV	1(1–0)
Semester 8		
ECO-602	Institutional Economics	3(3-0)
ECO-604	Islamic Economics	3(3-0)
ECO-606	Monetary Economics	3(3-0)
ECO-611	Energy Economics	3(3-0)
CAP-630	Capstone Project	3(3-0)

+ Audit Course
* Internship course is offered in 6th semester. The students may complete this course in regular semester considering their class timings and available internship working hours. It is preferred that internship course is taken in summer semester after regular 6th semester.
Note: Teaching of The Holy Quran being the 'Audit course' will not be considered for GPA/CGPA calculation.

BS Bridging

Semester 5		
ECO-501	Microeconomic Theory	3(3-0)
ECO-503	Macroeconomic Theory	3(3-0)
ECO-505	Mathematical Economics I	3(3-0)
ECO-507	Population Economics	3(3-0)
ECO-509	International Finance	3(3-0)
ECO-511	Health Economics	3(3-0)
ECO-502	Development Economics	3(3-0)
ECO-504	Econometrics I	3(3-0)
ECO-506	Mathematical Economics II	3(3-0)
ECO-508	Environmental and Natural Resource Economics	3(3-0)
ECO-512	Managerial Economics	3(3-0)
*INT-631	Internship	3(0-3)
ECO-601	Research Methodology	3(3-0)
ECO-603	Public Sector Economics	3(3-0)
ECO-605	Econometrics II	3(3-0)
ECO-607	Project Appraisal and Investment Analysis	3(3-0)
ECO-609	Labor Economics	3(3-0)
ECO-510	General Equilibrium and Welfare Economics	3(3-0)
ECO-602	Institutional Economics	3(3-0)
ECO-604	Islamic Economics	3(3-0)
ECO-606	Monetary Economics	3(3-0)
ECO-611	Energy Economics	3(3-0)
CAP-630	Capstone Project	3(3-0)

Above mentioned courses are mandatory for BS Bridging and derived from the equivalent BS Economics program. However, suitable deficiency courses may be chosen from regular BS Economics depending on the requirements of the students. Suitable semester plan will be accordingly implemented.

* Internship course is offered in 2nd semester. The students may complete this course in regular semester considering their class timings and available internship working hours. It is preferred that internship course is taken in summer semester after regular 2nd semester.

MPhil / PhD Economics

*ECO-701	Microeconomic Analysis	3(3-0)
*ECO-702	Macroeconomic Analysis	3(3-0)
*ECO-703	Econometrics: Theory and practices	3(3-0)
*ECO-704	Research Methodology	3(3-0)
STA-795	Statistics for Research	3(2-1)
**ECO-705	Advanced Microeconomic Theory	3(3-0)

**ECO-706	Advanced Macroeconomic Theory	3(3-0)
ECO-707	Applied Econometrics	3(3-0)
ECO-708	Policy Analysis	3(3-0)
ECO-709	International Trade	3(3-0)
ECO-710	Production Economics	3(3-0)
ECO-711	Advanced Econometrics	3(3-0)
ECO-712	Advanced Development Economics	3(3-0)
ECO-713	Advanced Monetary Economics	3(3-0)
ECO-714	Advanced Resource and Environmental Economics	3(3-0)
ECO-715	Economic Analysis and Evaluation of Development Projects	3(3-0)
ECO-716	Computer Application for Social Sciences	3(3-0)
**ECO-717	Advanced Research Methodology	3(3-0)
ECO-718	Advanced welfare Economics	3(3-0)
ECO-719	Advanced Labor Economics	3(3-0)
ECO-720	Mathematical Economics	3(3-0)
Mandatory Requirements for MPhil		
STA-795	Statistics for Research	3(2-1)
ECO-728	Seminar (General)	1(0-1)
ECO-729	Seminar (Research)	1(0-1)
ECO-730	Thesis	6(0-6)
Mandatory Requirements for PhD		
STA-795	Statistics for Research	3(2-1)
ECO-758	Seminar (General)	1(0-1)
ECO-759	Seminar (Research)	1(0-1)
ECO-760	Thesis	6(0-6)

*Core courses for M.Phil program; the students will have to take four core courses as and when offered by the department.
**Core courses for PhD students; the students will have to take three core courses as and when offered by the department.

Ph.D students who have not studied the course “Statistics for Research” in M.Phil will have to take this course as mandatory requirement.
For the optional courses in Ph.D., students will opt that course which he/she has not studied in his M.Phil















Department of Public Administration

Phon: 041-9203018
Email: pubadmin@gcuf.edu.pk
Address: Jinnah Block, 2nd Floor, New Campus

Programs Offered

1. BS - Public Administration (BS-PA)
2. BS Bridging Public Administration
3. MS - Public Administration(MS-PA)

Incharge: Dr. Bashir Ahmad

DEPARTMENT OF PUBLIC ADMINISTRATION



Vision

Developing conscientious and above board citizens having a passion, desire and thirst to serve the society.

Mission

To inculcate ideologies, norms and practices of administration among our learning community for achieving the idea of state.

Introduction

The Department of Public Administration is a dynamic association of scholars and pupils having a deep interest in improving the policy implementation in public sector organizations. As a discipline, it is often compared with Business Administration. In fact, it has the added advantage for the prospective students who will have extensive knowledge about effective and efficient methods for running public as well as private organizations after the completion of their respective programs.

Faculty

Dr. Bashir Ahmad
Assistant Professor / Incharge
PhD-Management (ITU -Turkey)
Specialization: Management

Dr. Saira Solat
Assistant Professor (OPS)
PhD – Business Administration (GCUF-Pakistan)
Specialization: HRM

Dr. Syed Afraz Hassan Gillani
Assistant Professor (OPS)
PhD (H-BRS Germany & UTM-Malaysia)
Specializations: Management and Entrepreneurship

Mr. Adeel Anjum
Lecturer
MS- Business Administration (TUF-Pakistan)

Ms. Fiza Sabir
Lecturer
MS- Business Administration (NCBA&E-Pakistan)
Specialization: HRM

Ms. Ishrat Fatima
Lecturer
MS-Public Administration (PU-Pakistan)
Specialization: Public Administration

Mr. Muhammad Shoaib
Lecturer
MS- Public Administration (GCUF-Pakistan)
Specialization: Public Administration

Mr. Muhammad Usman Ghani
Lecturer
M.Phil. Public Policy (PIDE-Pakistan)
Specialization: Public Policy

Ms. Samar Akbar
Lecturer
MS- Public Administration (GCUF-Pakistan)
Specialization: Public Administration

Ms. Uzma Waseem
Lecturer
MS- Public Administration (GCUF-Pakistan)
Specialization: Public Administration

Mr. Muhammad Zia Ud Din
Lecturer
MS- Public Administration (QAU-Pakistan)
Specialization: Public Administration

Mr. Abdul Sattar
Teaching Assistant
MS- Business Administration (NUML-Pakistan)
Specialization: Finance

Mr. Bilal Shahid Cheema
Lecturer (on study leave)
M.Phil. Government & Public Policy (NDU-Pakistan)

Mr. Shahid Munir
Lecturer (on study leave)
MS- Management Sciences (MU-Pakistan)
Specialization: Management

MS. Riffat Noureen
Teaching Assistant (on study leave)
MS- Public Administration (GCUF-Pakistan)

Scheme of Studies
BS-Public Administration

Semester 1		
BPA-301	Principles of Management	3(3-0)
BPA-307	Introduction to Public Administration	3(3-0)
ECO-301	Principles of Microeconomics	3(3-0)
ENG-321	Functional English	3(3-0)
ISL-321	Islamic Studies/ Ethics*	2(2-0)
CSI-321	Application of Information and Communication Technologies (ICT)	3(2-1)
CCE-421	Civics and Community Engagement	2(2-0)
*THQ-I	Teaching of The Holy Quran -I	1(1-0)
Semester 2		
BPA-302	Principles of Marketing	3(3-0)
BPA-304	Introduction to Public Policy	3(3-0)
ECO-302	Principles of Macroeconomics	3(3-0)
COM-301	Principles of Accounting	3(3-0)
PST-321	Pakistan Studies	2(2-0)
BPA-305	Urban & Town Planning	2(2-0)
ICP-321	Ideology and Constitution of Pakistan	2(2-0)
Semester 3		
BPA-402	Politics and Administration	3(3-0)
BPA-403	Administrative Ethics	3(3-0)
BPA-406	Financial Management	3(3-0)
QTR-421	Quantitative Reasoning –I	3(3-0)
ECO-408	Issues in Pakistan Economy	2(2-0)
ENG-426	Expository Writing	3(3-0)
*THQ-II	Teaching of Holy Quran - II	1(1-0)
Semester 4		
BPA-405	Human Resource Management	3(3-0)
BPA-407	Principles of Public Finance	3(3-0)
GSC-321	The Science of Global Challenges	3(2-1)
ENT-422	Entrepreneurship	2(2-0)
QTR-422	Quantitative Reasoning –II	3(3-0)
BPA-503	Political & Constitutional Development in Pakistan	3(3-0)
Semester 5		
BPA-409	Government, Business & Civil Society	3(3-0)
BPA-501	Organizational Behavior	3(3-0)
BPA-502	Organizational Structure & Governance	3(3-0)
BPA-508	Political Economy and Public Policy	3(3-0)
BPA-504	Research Methods & Techniques	3(3-0)
STA-401	Statistical Inferences	3(3-0)
*THQ-III	Teaching of Holy Quran - III	1(1-0)
Semester 6		
BPA-505	Quantitative Techniques for Management for Administrative Decision Making	3(3-0)
BPA-510	Social Entrepreneurship	3(3-0)
BPA-511	Bureaucracy & Development Administration in Pakistan	3(3-0)
BPA-512	Public Policy Analysis	3(3-0)
CAP-630	Research Project/Capstone Project	3(0-3)
Semester 7		
BPA-604	Strategic Management	3(3-0)
BPA-602	Managing Public & Non-Profit organizations	3(3-0)
BPA-603	Contemporary Issues of Public Administration in Pakistan	3(3-0)
Elective– I	Area of Specialization Course – I	3(3-0)
Elective– II	Area of Specialization Course – II	3(3-0)
INT- 631	Internship*	3(0-3)
*THQ-IV	Teaching of The Holy Quran -IV	1(1–0)
Semester 8		
BPA-601	Local and Electronic Government	3(3-0)
BPA-607	Public Sector Management	3(3-0)
BPA-611	Project Management & Appraisal	3(3-0)
Elective– I	Area of Specialization Course – I	3(3-0)
Elective– II	Area of Specialization Course – II	3(3-0)

*Religious Education/Ethics in lieu of Islamic Studies, +Non-Credit Hour Course
***Note:** Internship will be offered in summer semester of 06-08 weeks

Area of Specialization:
(Public Administration)

BPA-625	Community Service	3(3-0)
BPA-638	Comparative Public Administration	3(3-0)
BPA-662	Democracy, Politics, and Institutions	3(3-0)
BPA-698	Public Sector Reforms: Development and Social Changes	3(3-0)
BPA-693	Conflict and Negotiation	3(3-0)

Area of Specialization:
(Governance & Public Policy)

BPA-626	Collaborative Governance	3(3-0)
BPA-632	Government and Foreign Policy	3(3-0)
BPA-644	Media Politics and Public Policy	3(3-0)
BPA-647	Social Policy and Practice	3(3-0)
BPA-668	Devolution Policy and Local Government	3(3-0)

Deficiency Courses For Bridging Semester

BPA-301	Principles of Management	3(3-0)
BPA-307	Introduction to Public Administration	3(3-0)
ECO-301	Principles of Microeconomics	3(3-0)
BPA-302	Principles of Marketing	3(3-0)
BPA-304	Introduction to Public Policy	3(3-0)
ECO-302	Principles of Macroeconomics	3(3-0)
COM-301	Principles of Accounting	3(3-0)
BPA-407	Principles of Public Finance	3(3-0)
BPA-409	Government Business & Civil Society	3(3-0)
BPA-405	Human Resource Management	3(3-0)
Note: The above mentioned subjects will be offered to the students of 5th bridging semester after determining the nature of deficiency		

MS-Public Administration

Semester 1		
MPA-701	Governance, Public Administration & Development	3(3-0)
MPA-702	Organizational Theory & Public Management	3(3-0)
MPA-707	Advanced Research Methods	3(3-0)
MPA-703	Comparative public policy	3(3-0)
MPA-728	Seminar (General)	1(0-1)
Deficiency Course		
*MPA-705	Introduction to Public Administration	3(3-0)
Semester 2		
STA-795	Statistics for Research	3(2-1)
	Elective-I	3(3-0)
	Elective-II	3(3-0)
	Elective-III	3(3-0)
MPA-729	Seminar (Research)	1(0-1)
Deficiency Course		
*MPA-714	Introduction to Public Policy	3(3-0)
Semester 3 & 4		
MPA-730	Thesis	6(0-6)
Mandatory Courses For MS		

*Those students whose degree is different from Public Administration, Public Policy and Political Sciences will study two deficiency courses in 1st & 2nd semesters, respectively.
*The students must have to pass the deficiency courses, however, the score of the said courses will not be included in the GPA/CGPA.

Elective Courses		
MPA-706	Modern Public Management	3(3-0)
MPA-708	Political Economy of Pakistan	3(3-0)
MPA-709	Contemporary Issues in Public Finance	3(3-0)
MPA-710	Marketing Management and Communication in Public Sector	3(3-0)
MPA-713	Administrative Ethics	3(3-0)
MPA-715	Public Financial Management & Budgeting	3(3-0)
MPA-716	Advanced Marketing Research	3(3-0)
MPA-721	Research Design	3(3-0)
MPA-723	Human Rights & Development	3(3-0)
MPA-725	Government & Politics	3(3-0)
MPA-726	Human Behavior in Public Organization	3(3-0)
MPA-731	Natural Resources Economics	3(3-0)
MPA-733	Governance Issues in Pakistan	3(3-0)
MPA-734	Enterprise Resource Planning (ERP)	3(3-0)
MGT-712	Strategic Management & Leadership	3(3-0)
ECO-703	Econometrics: Theory and Practices	3(3-0)
MGT-703	Strategic HRM	3(3-0)





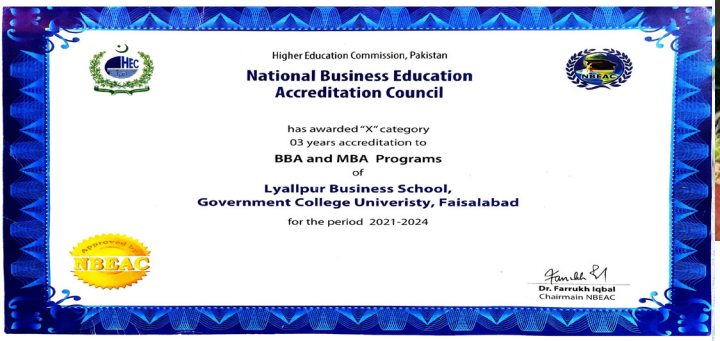






Lyallpur Business School (LBS)

Phone: 041-9203008
Email: directorlbs@gcuf.edu.pk





Programs Offered

1. BBA
2. BS Business Analytics
3. MBA
4. Executive MBA (EMBA)
5. MS Business Administration
6. PhD Business Administration

Director: Prof. Dr. Muhammad Abrar



Vision

To achieve excellence in business education and transform students into skillful professionals.

Mission

Lyallpur business school is committed to cultivating an inclusive learning environment, seamlessly integrating indigenous knowledge with contemporary corporate needs. Through excellence in teaching and research, we equip students with managerial skills and make them responsible individuals.

Introduction

Since its inception, Lyallpur Business School has been exerting painstaking efforts to build marked reputation for producing business graduates fully equipped with professional excellence and excellent moral values. At LBS, the students are inculcated knowledge and skills through exceptionally talented and experienced faculty enriched in generating ideas coupled with experiential learning, exposure to real-time problems and hands on leadership/team work experiences synergized with foreign exposure. The outgoing graduates are enriched with the pivotal urge to lead, eager to explore and design practical solutions to everyday business problems/ opportunities. The prime focus of all programs at LBS is to groom the graduates into responsible personalities powered with devotion, practical and methodological skills, and persistent enthusiasm towards goal accomplishments. The LBS management is very keen towards both co-curricular and extra-curricular initiatives/ activities, and in order to accomplish it, a great emphasis is laid on conducting professional seminars, workshops, and academic simulations throughout the semester. All offered programs at LBS are compatible to the guidelines and standards set by Higher Education Commission and Government College University, Faisalabad. After getting education, the graduates are motivated and determined to contribute their part in the progress of society in specific and the overall country in general.

Faculty

Prof. Dr. Muhammad Abrar
Professor/Director
Ph.D. (HUST. P.R.China)
Specialization: Marketing

Dr. Mohsin Bashir
Tenured Associate Professor
Ph.D. (HUST. P.R.China)
Specialization: Management

Dr. Muhammad Ishtiaq
Associate Professor
Ph.D. (UoB-UK)
Specialization: Finance

Dr. Safdar Husain Tahir
Associate Professor
Ph.D. (GCUF-Pakistan), Post Doc (UWA-Australia)
Specialization: Finance

Dr. Sharjeel Saleem
Tenured Associate Professor
Ph.D. (UNIVIE-Austria)
Specialization: Management

Dr. Aamir Inam Bhutta
Assistant Professor
Ph.D. (UNIROMA2-Italy)
Specialization: Finance

Dr. Ahsan Riaz
Assistant Professor
Ph.D. (APU-Malaysia)
Specialization: Finance

Dr. Bashir Ahmad
Assistant Professor
Ph.D. (ITU-Turkey)
Specialization: Management

Dr. Faiq Mahmood
Assistant Professor
Ph.D. (HUST-P.R.China)
Specialization: Finance

Dr. Faiqa Kiran
Assistant Professor
Ph.D. (NCBA& E-Pakistan)
Specialization: Marketing

Dr. Jahanzaib Sultan
Assistant Professor
Ph.D. (WUT-P.R.China)
Specialization: Finance

Dr. Masood Nawaz Kalyar
Assistant Professor
Ph.D. (IU-Turkey)), Postdoc (WUT-Poland)
Specialization: Management

Dr. Muhammad Fayyaz Sheikh
Assistant Professor
Ph.D. (CUI-Pakistan)
Specialization: Finance

Dr. Muhammad Farooq Rehan
Assistant Professor
Ph.D. (Uni-Trier-Germany)
Specialization: Management

Dr. Muhammad Rizwan Kamran
Assistant Professor
Ph.D. (USTC P.R.China)
Specialization: Finance

Dr. Muhammad Waseem Bari
Assistant Professor
Ph.D. (BIT-P.R.China)
Specialization: HRM

Dr. Raheel Mumtaz
Assistant Professor
Ph.D. (CUI-Pakistan)
Specialization: Finance

Dr. Rizwan Shabbir
Assistant Professor
Ph.D. (HUST - P.R.China)
Specialization: Marketing

Dr. Sadia Shaheen
Assistant Professor
Ph.D. (CUST-Pakistan)
Specialization: Management

Dr. Ayesha Sharif
Assistant Professor (OPS)
Ph.D. (UTM-Malaysia)
Specialization: Marketing

Dr. Faisal Anees
Assistant Professor (OPS)
Ph.D. (G. d'Annunzio University, Italy)
Specialization: Accounting & Finance

Dr. Hamad Raza Zaidi
Assistant Professor (OPS)
Ph.D. (UTM-Malaysia)
Specialization: Finance

Dr. Muhammad Asim Nawaz
Assistant Professor (OPS)
Ph.D. (USTC, P.R.CHINA)
Specialization: Marketing

Dr. Muhammad Sajid
Assistant Professor (OPS)
Ph.D. (RHUL-United Kingdem)
Specialization: Finance

Dr. Qamar Ali
Assistant Professor OPS
Ph.D. (UIBK-Austria)
Specialization: Management

Dr. Syed Ahmed Hassan Gillani
Assistant Professor (OPS)
Ph.D. (UTM-Malaysia)
Specialization: Finance

Dr. Yasir Tanveer
Assistant Professor (OPS)
Ph.D. (BUPT-P.R.China)
Specialization: Management

Dr. Aisha Saleem
Lecturer
Ph.D. (GCUF-Pakistan)
Specialization: Economics

Dr. Arslan Najeeb Khan
Lecturer
Ph.D. (UniKL-Malaysia)
Specialization: Management

Dr. Salman Arshad
Lecturer
Ph.D. (UniKL-Malaysia)
Specialization: Management

Mr. Ahsan Zubair
Lecturer
MS (NUML-Pakistan)
Specialization: Marketing

Ms. Ayesha Sohail
Lecturer
MS (VU-Pakistan)
Specialization: Management

Ms. Ghazala Beenish
Lecturer
M.Phil. (KCWU-Pakistan)
Specialization: Accounting & Finance

Ms. Hadia Awan
Lecturer
MS (UET-Pakistan)
Specialization: Management

Mr. Muhammad Adnan Arshad
Lecturer
MS (CUI-Pakistan)
Specialization: Finance

Ms. Riffit Gill
Lecturer
MS (NUML-Pakistan)
Specialization: Management

Mr. Usman Zafar
Lecturer
MS (NCBA&E-Pakistan)
Specialization: Business Administration

Mr. Azeem Ahmad Khan
Teaching Assistant
MBA (GCUF-Pakistan)
Specialization: Marketing

Mr. Furqan Mushtaq
Teaching Assistant
MBA (GCUF-Pakistan)
Specialization: Marketing

Mr. Hafiz Sohrab Ali
Teaching Assistant
MS (CUI-Pakistan)
Specialization: Finanace

Mr. Syed Hassan Raza
Teaching Assistant
MS (MAJU-Pakistan)
Specialization: Finance

Mr. Yasir Ali
Teaching Assistant
MS (GCUF-Pakistan)
Specialization: Finance

Dr. Ambreen Zainab
Lecturer (On Leave)
Ph.D. (UMT-Pakistan)
Specialization: Management

Mr. Adnan Ashraf
Lecturer (On Leave)
MS (PU-Pakistan)
Specialization: Finance

Mr. Ahmad Sohail Khan
Lecturer (On Study Leave)
MS (ICBS-Pakistan)
Specialization: Marketing

Mr. Fayyaz Ahmad
Lecturer (On Study Leave)
MS (NUST-Pakistan)
Specialization: Engineering Management

Ms. Irum Shahzadi
Lecturer (On Study Leave)
M.Phil. (ICBS-Pakistan)
Specialization: Management

Ms. Khadija Rafia Kazmi
Lecturer (On Deputation)
MS (NCBA&E-Pakistan)
Specialization: Management

Mr. Muhammad Ashar
Lecturer (On Study Leave)
MS (MAJU-Pakistan)
Specialization: HRM

Mr. Muhammad Saleem
Lecturer (On Leave)
MS (PU-Pakistan)
Specialization: Finance

Mr. Muhammad Waheed Liaquat
Lecturer (On Study Leave)
MS (UET-Pakistan)
Specialization: Management

Ms. Rabia Sarfraz
Lecturer (On Study Leave)
M.Phil. (NCBA&E-Pakistan)
Specialization: Business Administration

Mr. Tayyab Kashif
Lecturer (On Study Leave)
MS (NUML-Pakistan)
Specialization: Marketing

Mr. Usama Anwar
Lecturer (On Study Leave)
MBA (IBA-Pakistan)
Specialization: Marketing

Scheme of Studies
Bachelor of Business Administration
(NBEAC-HEC Accredited Program)

Semester 1		
COM-301	Financial Accounting-I	3(3-0)
BAM-301	Principles of Management	3(3-0)
ECO-301	Principles of Microeconomics	3(3-0)
BAM-302	Principles of Marketing	3(3-0)
ENG-321	Functional English	3(3-0)
ISL-321	Islamic Studies	2(2-0)
ISL-322	Ethics (For Non-Muslim only)	2(2-0)
+THQ-I	Teaching of The Holy Quran -I	1(1–0)
Semester 2		
COM-302	Financial Accounting-II	3(3-0)
ICT-321	Information and Communication Technology	3(2-1)
ECO-302	Principles of Macroeconomics	3(3-0)
ENG-322	Expository Writing	3(3-0)
GSC-321	The Science of Global Challenges	3(2-1)
ICP-321	Ideology and Constitution of Pakistan	2(2-0)
Semester 3		
BAM-401	Business Finance	3(3-0)
BAM-403	Marketing Management	3(3-0)
BAM-404	Human Resource Management	3(3-0)
QRT-421	Quantitative Reasoning - I	3(3-0)
STA-304	Business Statistics	3(3-0)
PST-321	Pakistan Studies	2(2-0)
+THQ-II	Teaching of The Holy Quran -II	1(1–0)
Semester 4		
BAM-406	Financial Management	3(3-0)
PSY-321	Introduction to Psychology	3(3-0)
STA-401	Statistical Inference	3(3-0)
QRT-422	Quantitative Reasoning - II	3(3-0)

BAM-402	Language (Arabic/French/Chinese)	2(2-0)
BAM-422	Entrepreneurship	2(2-0)
CCE-421	Civics and Community Engagement	2(2-0)
Semester 5		
COM-506	Managerial Accounting	3(3-0)
BAM-505	Consumer Behavior	3(3-0)
BAM-501	Organizational Behavior	3(3-0)
BAM-507	Business Ethics & Corporate Social Responsibility	3(3-0)
BAM-509	Business Research Methods	3(3-0)
BAM-502	International Business	3(3-0)
[+]THQ-III	Teaching of The Holy Quran -III	1(1–0)
Semester 6		
BAM-503	Operations Management	3(3-0)
IRS-514	International Relations and Current Affairs	3(3-0)
DAN-531	Data Analytics	3(3-0)
LAW-513	Business Law	3(3-0)
BAM-	Specialization I	3(3-0)
BAM-	Specialization II	3(3-0)
Semester 7		
BAM-603	Financial Innovation and Technology	3(3-0)
CIT-673	Enterprise Resource Planning	3(3-0)
BAM-	Specialization III	3(3-0)
BAM-	Specialization IV	3(3-0)
BAM-	Specialization V	3(3-0)
INT-631	Internship	3(0-3)
[+]THQ-IV	Teaching of The Holy Quran -IV	1(1–0)
Semester 8		
BAM-602	Strategic Management	3(3-0)
BAM-	Specialization VI	3(3-0)
BAM-	Specialization VII	3(3-0)
BAM-	Specialization VIII	3(3-0)
CAP-630	Capstone Project	3(0-3)

Note:
- Specialization will be offered as per departmental approved policy.
- The specialization courses will be offered from any one specialization group.

[+] Audit Course

Specializations

i- Banking and Finance

BAM -612	Islamic Banking	3(3-0)
BAM -613	Fundamentals of Consumer Banking	3(3-0)
BAM -614	Banking Operation Management	3(3-0)
BAM -615	SME & Micro-finance	3(3-0)
BAM -617	Investment Banking	3(3-0)
BAM -620	Financial Risk Management	3(3-0)
BAM -621	Money & Capital Market	3(3-0)
BAM -622	Financial Derivatives	3(3-0)
BAM -623	Financial Statement Analysis	3(3-0)
BAM -625	International Trade & Foreign Exchange	3(3-0)
BAM -684	E-Banking and Commerce	3(3-0)
BAM -685	Bank Auditing Practices	3(3-0)
BAM -686	International Banking	3(3-0)
BAM -687	Bank Credit Management	3(3-0)
BAM -688	Central Banking	3(3-0)
BAM -690	Digitalization and Financial Technology	3(3-0)
BAM -691	Data Analytics in Finance	3(3-0)

ii- Finance

BAM -618	Corporate Finance	3(3-0)
BAM -619	Corporate Governance	3(3-0)
BAM -620	Financial Risk Management	3(3-0)
BAM -621	Money & Capital Market	3(3-0)
BAM -622	Financial Derivatives	3(3-0)
BAM -623	Financial Statement Analysis	3(3-0)
BAM -624	Portfolio Management	3(3-0)
BAM -625	International Trade & Foreign Exchange	3(3-0)
BAM -690	Digitalization and Financial Technology	3(3-0)
BAM -691	Data Analytics in Finance	3(3-0)
BAM -692	Real Estate Finance	3(3-0)
BAM -693	Business Taxation	3(3-0)
BAM -694	Islamic Financial System	3(3-0)
BAM -695	Entrepreneurial Finance	3(3-0)

iii- Marketing

BAM - 627	International Marketing	3(3-0)
BAM - 628	Brand Management	3(3-0)
BAM – 629	Retail Management	3(3-0)
BAM – 630	Services Marketing	3(3-0)
BAM – 632	Advertising Management	3(3-0)
BAM – 633	New Media Technology in Marketing	3(3-0)
BAM – 634	Pricing Strategies	3(3-0)
BAM – 635	Social Media Marketing	3(3-0)
* BAM - 636	*Marketing Business Simulation	3(3-0)
BAM – 637	Logistics and Supply Chain Management	3(3-0)
BAM – 638	Tourism and Hospitality Management	3(3-0)
BAM – 639	Marketing New Products	3(3-0)
BAM – 640	Customer Intelligence	3(3-0)
BAM – 641	Customer Relationship Management	3(3-0)
BAM – 642	Social Marketing	3(3-0)
BAM – 643	Marketing for Nonprofit Organizations	3(3-0)
BAM - 645	Agricultural Marketing	3(3-0)
BAM - 646	Sales Management	3(3-0)
BAM - 631	Business Project	3(0-3)

*Simulation course will be offered to the students, however, they will be required to pay international fee (if any) at their own

iV Supply Chain Management

BAM – 647	Supply Chain Performance	3(3-0)
BAM – 648	Managing Sustainability in Supply Chains	3(3-0)
BAM – 649	Decision Models for SCM	3(3-0)
BAM – 650	Seminar in Supply Chain Management	3(3-0)
BAM – 651	Procurement management	3(3-0)
BAM – 652	Transportation management	3(3-0)
BAM – 653	Warehousing Management	3(3-0)
BAM – 654	Routing management	3(3-0)
BAM - 655	Vendor Selection and Development	3(3-0)

BAM - 656	Inventory Management & Forecasting in Supply Chains	3(3-0)
BAM – 657	Supply Chain Risk Management	3(3-0)
BAM - 658	Global Supply Management	3(3-0)
BAM - 631	Business Project	3(0-3)

V- Human Resource Management

BAM - 660	Organizational Development	3(3-0)
BAM - 661	Human Resource Development	3(3-0)
BAM - 662	Cases in HRM	3(3-0)
BAM - 663	Performance Management	3(3-0)
BAM - 664	Essentials of Training & Development	3(3-0)
BAM - 665	International HRM	3(3-0)
BAM - 666	Reward and Compensation Management	3(3-0)
BAM - 667	Conflict and Negotiation Management	3(3-0)
BAM - 668	Human Resource Planning	3(3-0)
BAM - 669	Change Management	3(3-0)
BAM - 670	Knowledge Management	3(3-0)
BAM - 671	Seminars in HRM	3(3-0)
BAM - 631	Business Project	3(0-3)

vi- Industrial Management

BAM- 673	Principles of Industrial Engineering	3(3-0)
BAM- 674	Production Planning and control	3(3-0)
BAM- 675	Facility Planning and Layout	3(3-0)
BAM- 676	Manufacturing System Analysis	3(3-0)
BAM- 677	Project Management	3(3-0)
BAM- 678	Industrial engineering	3(3-0)
BAM- 679	Ergonomics	3(3-0)
BAM- 680	Work flow management	3(3-0)
BAM- 681	Total Quality Management	3(3-0)
BAM- 682	Six Sigma and Lean Manufacturing	3(3-0)
BAM - 631	Business Project	3(0-3)

BS Business Analytics

Semester 1		
COM-301	Financial Accounting-I	3(3-0)
BAM-301	Principles of Management	3(3-0)
ECO-301	Principles of Microeconomics	3(3-0)
BAM-302	Principles of Marketing	3(3-0)
ENG-321	Functional English	3(3-0)
ISL-321 ISL-322	Islamic Studies/ Ethics (For Non Muslims)	2(2-0) 2(2-0)
+THQ-I	Teaching of The Holy Quran – I	1(1-0)
Semester 2		
COM-302	Financial Accounting-II	3(3-0)
ICT-321	Information and Communication Technology	3(2-1)
ECO-302	Principles of Macroeconomics	3(3-0)
ENG-322	Expository Writing	3(3-0)
GSC-321	The Science of Global Challenges	3(2-1)
ICP-321	Ideology and Constitution of Pakistan	2(2-0)
Semester 3		
BAM-401	Business Finance	3(3-0)
BAM-403	Marketing Management	3(3-0)
BAM-404	Human Resource Management	3(3-0)
QRT-421	Quantitative Reasoning - I	3(3-0)
STA-304	Business Statistics	3(3-0)
PST-321	Pakistan Studies	2(2-0)
+THQ-II	Teaching of Holy Quran-II	1(1-0)
Semester 4		
BAM-406	Financial Management	3(3-0)
PSY-321	Introduction to Psychology	3(3-0)
STA-401	Statistical Inference	3(3-0)
QRT-422	Quantitative Reasoning - II	3(3-0)
BAM-402	Language (Arabic/French/Chinese)	2(2-0)
BAM-422	Entrepreneurship	2(2-0)
CCE-421	Civics and Community Engagement	2(2-0)
Semester 5		
BSA-504	Introduction to Business Analytics	3(3-0)
BAM-501	Organizational Behavior	3(3-0)
BAM-509	Business Research Methods	3(3-0)
DSC-401	Introduction to Data Science	3(2-1)
BSA-503	Programming with R/PYTHON	3(2-1)
BAM-502	International Business	3(3-0)
+THQ-III	Teaching of Holy Quran-III	1(1-0)
Semester 6		
BSA-505	Business Law & Intellectual Property Rights	3(3-0)
BSA-501	Operations & Supply Chain Management	3(3-0)
DSC-502	Data Mining	3(2-1)
BSA-502	Digital Transformation in Business Organization	3(3-0)
BSA-	Elective-I	3(3-0)
BSA-	Elective-II	3(3-0)
Semester 7		
CIT-673	Enterprise Resource Planning Systems	3(3-0)
DSC-506	Data Visualization	3(2-1)
BSA-	Elective-III	3(3-0)
BSA-	Elective-IV	3(3-0)
BSA-	Elective-V	3(3-0)
INT-631	Internship	3(0-3)
+THQ-IV	Teaching of Holy Quran-IV	1(1-0)
Semester 8		
CSI-502	Artificial Intelligence	4(3-1)
BSA-	Elective-VI	3(3-0)
BSA-	Elective-VII	3(3-0)
BSA-	Elective-VIII	3(3-0)
CAP-630	Capstone Project	3(0-3)
Elective Courses		
BSA-602	Block Chain Management	3(3-0)
BSA-603	Social Media Management	3(3-0)
BSA-604	Predictive Analytics	3(2-1)
BSA-605	Global Logistics and Inventory Management	3(3-0)
BSA-606	Deep Learning for Business Analytics	3(2-1)
BSA-607	Big Data Analytics	3(2-1)
BSA-608	Business Analytics Strategy	3(3-0)
BSA-609	Cybersecurity Laws and Ethics	3(3-0)
BSA-610	Performance Management Through Balanced Score Card	3(3-0)
BSA-611	Concepts and Practice of DSS Modelling	3(3-0)
BSA-612	Business Simulation	3(2-1)
BSA-613	Business Analytics Tools & Techniques	3(2-1)
BSA-614	Machine Learning	3(2-1)
BSA-615	Database Design & Applications	3(2-1)
BSA-616	Advanced Business Analytics	3(2-1)
BSA-617	Current Topics in IT And Business Analytics	3(3-0)
BSA-618	Accounting Application with SAP	3(2-1)

Master of Business Administration (MBA)

(NBEAC-HEC Accredited Program)

Semester 1		
BAM-701	Business Maths and Stats	3(3-0)
BAM-703	Financial Accounting and Information Systems	3(3-0)
BAM-705	Marketing Management	3(3-0)
BAM-707	Management Concepts and Practices	3(3-0)
ECO-721	Business Economics	3(3-0)
BAM-742	Tax Management and Practices	3(3-0)
Semester 2		
ECO-664	Managerial Economics	3(3-0)
BAM-702	Financial Management	3(3-0)
BAM-704	Human Resource Management	3(3-0)
BAM-706	Marketing Analytics	3(3-0)
BAM-708	Applied Business Research	3(3-0)
BAM-738	Supply Chain Management	3(3-0)
Semester 3		
BAM-757	Managerial Accounting	3(3-0)
	ELECTIVE/SPECIALIZATION 1	3(3-0)
	ELECTIVE/SPECIALIZATION 2	3(3-0)
	ELECTIVE/SPECIALIZATION 3	3(3-0)
	ELECTIVE/SPECIALIZATION 4	3(3-0)
Semester 4		
BAM-758	Financial Statement Analysis	3(3-0)
	ELECTIVE/SPECIALIZATION 5	3(3-0)
	ELECTIVE/SPECIALIZATION 6	3(3-0)
	ELECTIVE/SPECIALIZATION 7	3(3-0)
	ELECTIVE/SPECIALIZATION 8	3(3-0)

Note:

- Specialization will be offered as per departmental approved policy.
- A 6-8 week internship (after 2nd semester) in the area of specialization is mandatory for the award of MBA degree. The internship will be treated as a Non-Credit course for which the result will be declared as Pass/Fail based on a viva voce.
- The sepcialization courses will be offered from any one specialization group.

Eligibility Criteria: 16 years education with minimum 45% marks from any HEC recognised institution.

ELECTIVE (GENERAL) COURSES		
BAM-709	Business Communication	3(3-0)
BAM-710	Leadership & Organizational Behavior	3(3-0)
BAM-711	Strategy in Practice	3(3-0)
BAM-712	Operations Management	3(3-0)
BAM-713	Organizational Behavior	3(3-0)
BAM-714	Entrepreneurship	3(3-0)
BAM-715	International Business Managements	3(3-0)
BAM-716	Management Information System	3(3-0)
BAM-717	Performance Management	3(3-0)
MBA-SPECIALIZATION COURSES		
Banking and Finance		
BAM-718	Credit Analysis & Investment Banking	3(3-0)
BAM-719	International Banking and Capital Markets	3(3-0)
BAM-720	Financial Derivatives	3(3-0)
BAM-721	Financial Systems and Prudential Regulations	3(3-0)
BAM-722	Portfolio Management	3(3-0)
BAM-723	International Trade & Foreign Exchange	3(3-0)
BAM-724	Behavioral and Experimental Finance	3(3-0)
BAM-725	Financial Market and Institutions	3(3-0)
BAM-726	Corporate Governance	3(3-0)
BAM-727	Real Estate Finance	3(3-0)
BAM-728	Financial Risk Management	3(3-0)
BAM-729	Islamic Banking	3(3-0)
Marketing		
BAM-731	Integrated Marketing Communications	3(3-0)
BAM-732	Marketing Research	3(3-0)
BAM-733	Seminar in Marketing	3(3-0)
BAM-734	Personal Selling	3(3-0)
BAM-735	Business to Business Marketing	3(3-0)
BAM-736	Societal Marketing	3(3-0)
BAM-737	New Product Development	3(3-0)
BAM-738	Supply Chain Management	3(3-0)
BAM-739	Cases in Marketing	3(3-0)
BAM-740	Intellectual Property Rights	3(3-0)
BAM-741	*Business Games / Strategy and Marketing Business Simulation	3(3-0)

(*Business Games will be offered to the students, however, they will be required to pay fee (if any) at their own.)

Human Resource Management		
BAM-743	Recruitment and selection	3(3-0)
BAM-744	Change Management	3(3-0)
BAM-745	Compensation and Reward Management	3(3-0)
BAM-746	Conflict and Negotiation Management	3(3-0)
BAM-747	Leadership	3(3-0)
BAM-748	Seminar in Human Resource Management	3(3-0)
BAM-749	Human Resource Development	3(3-0)
BAM-750	Knowledge Management	3(3-0)
BAM-759	Workplace Diversity Management	3(3-0)
LAW-727	Labor Laws	3(3-0)
Industrial Management		
BAM-751	Engineering Cost calculations	3(3-0)
BAM-752	Industrial Solutions	3(3-0)
BAM-753	Energy and Environment	3(3-0)
BAM-754	Manufacturing Process Design and Analysis	3(3-0)
BAM-755	Project Management	3(3-0)
BAM-756	Industrial Project	3(3-0)

Executive MBA

Semester 1		
BAM-701	Business Maths and Stats	3(3-0)
BAM-703	Financial Accounting and Information Systems	3(3-0)
BAM-705	Business Communication	3(3-0)
BAM-707	Management Concepts and Practices	3(3-0)
ECO-721	Business Economics	3(3-0)
Semester 2		
BAM-702	Financial Management	3(3-0)
BAM-704	Human Resource Management	3(3-0)
BAM-706	Applied Business Research	3(3-0)
BAM-708	Marketing Management	3(3-0)
ECO-664	Managerial Economics	3(3-0)
Semester 3		
BAM-713	Organizational Behavior	3(3-0)
BAM-717	Performance Management	3(3-0)

BAM-719	Corporate Finance	3(3-0)
BAM-757	Services Marketing	3(3-0)
BAM-799	Accounting For Decision Making	3(3-0)
Semester 4		
BAM-712	Operations Management	3(3-0)
BAM-752	Financial Statement Analysis	3(3-0)
BAM-758	Strategic Management	3(3-0)
BAM-762	Consumer Behavior	3(3-0)
BAM-764	Entrepreneurship	3(3-0)
Eligibility Criteria: - 16 years education with minimum 45% marks from any HEC recognized institution. - 3 years work experience.		

MS Business Administration

Semester 1		
BAM-761	Strategic Finance	3(3-0)
BAM-763	Advanced Research Methods	3(3-0)
BAM-765	Strategic Marketing	3(3-0)
BAM-767	Strategic Human Resource Management	3(3-0)
Semester 2		
	Specialization -I	3 (3-0)
	Specialization -II	3 (3-0)
	Specialization -III	3 (3-0)
Mandatory Courses For MS		
STA-795	Statistics for Research	3(2-1)
BAM-762	Seminar General	1 (0-1)
BAM-771	Seminar Research	1 (0-1)
BAM-730	Research and Thesis	6 (0-6)
	Specialization -IV	3(3-0)
* The specialization courses will be offered from any one specialization group.. **Eligibility Criteria:** 16 years of education with Business Administration, Management Sciences, Finance, Marketing, Human Resource Management, Banking and Finance, Operations, Supply Chain Management or Project management from any HEC recognised institution.		

i- Finance

BAM-728	Financial Markets and Institutions	3(3-0)
BAM-766	Behavioral and Experimental Finance	3(3-0)
BAM-769	Data Analysis in Finance	3(2-1)
BAM-770	Insurance Management and Strategies	3(3-0)
BAM-772	Issues in Financial Risk Management	3(3-0)
BAM-773	Corporate Finance Theory	3(3-0)
BAM-775	Issues in Islamic Banking	3(3-0)
BAM-776	Issues in Corporate Finance	3(3-0)
BAM-777	Financial Reporting & Business Valuation	3(3-0)
BAM-778	Issues in Corporate Governance	3(3-0)
BAM-779	Theory of Real Estate Finance	3(3-0)

ii- Human Resource Management

BAM-780	Change Management	3(3-0)
BAM-781	Compensation and Reward Management	3(3-0)
BAM-782	Conflict and Negotiation Management	3(3-0)
BAM-783	Leadership	3(3-0)
BAM-784	Learning Organizations	3(3-0)
BAM-785	Industrial/Organizational Psychology	3(3-0)
BAM-786	Advances in HR Development	3(3-0)
BAM-787	Performance Management and Appraisal	3(3-0)
BAM-798	Leading Diversity in Organizations	3(3-0)

iii- Marketing

BAM-788	Product Pricing Decisions: Concepts and Application	3(3-0)
BAM-789	Distribution Strategy and Supply Chain Management	3(3-0)
BAM-790	Customer Relationship Management	3(3-0)
BAM-791	Managing Products and Brands	3(3-0)
BAM-792	Integrated Marketing Communications	3(3-0)
BAM-793	Special Topics in Marketing	3(3-0)
BAM-794	Issues in Services Marketing	3(3-0)
BAM-795	Digital Marketing and Social Media	3(3-0)
BAM-796	Marketing Research	3(3-0)

PhD Business Administration

Semester 1		
BAM-801	Philosophy of Management Sciences	3(3-0)
BAM-	Elective Course-I	3(3-0)
BAM-	Elective Course-II	3(3-0)
Semester 2		
BAM-840	Advanced Research Methods & Applications	3(3-0)
BAM-	Elective Course-III	3(3-0)
BAM-	Elective Course-IV	3(3-0)
Mandatory Courses For PhD		
BAM-858	Seminar General	1(0-1)
BAM-859	Seminar Research	1(0-1)
BAM-860	Thesis	
Note: The specialization courses will be offered from any one specialization group. **Eligibility Criteria:** 18 years of education with Business Administration, Management Sciences, Finance, Marketing, Human Resource Management, Banking and Finance, Operations, Supply Chain Management or Project management with minimum 3.00/4.00 CGPA from any HEC recognised institution.		

i- Human Resource Management

BAM-806	Recruitment and Selection Issues	3(3-0)
BAM-807	Dynamics of Learning and Development	3(3-0)
BAM-808	Contemporary Issues in Performance Management	3(3-0)
BAM-809	Challenges in Compensation Management	3(3-0)
BAM-810	Strategic Reward Management	3(3-0)
BAM-811	Human Resource Development Practices	3(3-0)
BAM-812	Personality, Attitude and Behavior	3(3-0)
BAM-813	Contemporary Theories in HRM	3(3-0)
BAM-814	Dynamics of Leadership and Organizational Development	3(3-0)
BAM-815	Current Perspectives on Equality, Diversity and Inclusion	3(3-0)
BAM-841	Advanced Data Analysis in Management	3(2-1)
BAM-844	Knowledge Management	3(3-0)
BAM-845	Conflict Management and Negotiation Skills	3(3-0)

ii- Marketing

BAM-816	Marketing Strategy and Management	3(3-0)
BAM-817	Marketing Science Theory Construction	3(3-0)
BAM-820	Behavioral Approaches to Decision Making and Negotiation	3(3-0)

BAM-821	Brand and Product Management	3(3-0)
BAM-822	Social Network Analysis (SNA)	3(3-0)
BAM-823	Data Analytics for Marketing decisions	3(3-0)
BAM-824	Seminar in Services Marketing	3(3-0)
BAM-825	Issues in Marketing Communication	3(3-0)
BAM-826	Special Topics in Promotion Management	3(3-0)
BAM-827	Seminar in Innovation Management	3(3-0)
BAM-842	Data Analysis in Marketing Research	3(2-1)

iii- Finance

BAM-828	Emerging Issues in Financial Markets	3(3-0)
BAM-829	Financial Derivatives and Risk Management	3(3-0)
BAM-830	Issues in Real Estate Finance	3(3-0)
BAM-831	Issues in Behavioral Finance	3(3-0)
BAM-832	Empirical Corporate Finance	3(3-0)
BAM-833	Special Topics in Finance	3(3-0)
BAM-834	Financial Risk Management	3(3-0)
BAM-835	Issues in Banking	3(3-0)
BAM-836	Seminar in Corporate Governance	3(3-0)
BAM-843	Financial Data Analysis	3(2-1)















Faculty of Engineering & Technology

1. Department of Architecture
2. Department of Chemical Engineering Technology
3. Department of Civil Engineering Technology
4. Department of Electrical Engineering & Technology
5. Department of Mechanical Engineering & Technology



Prof. Dr. Abdul Rauf Bhatti

Dean

Ph: 041-9203015

Email: bhatti_abdulrauf@gcuf.edu.pk

Prof. Dr. Abdul Rauf Bhatti has taken up the charge of Faculty of Engineering and Technology as a Dean on 18-07-24. Dr. Bhatti received the B.Sc. and M.Sc. degrees in electrical engineering from University of Engineering and Technology (UET), Lahore, Pakistan, in 2004 and 2008, respectively, and the Ph.D. degree (with distinction) in electrical engineering from Universiti Teknologi Malaysia (UTM), Johor Bahru, Malaysia in 2017. He is currently working with Government College University Faisalabad (GCUF), Faisalabad, Pakistan as Professor of the Department of Electrical Engineering and Technology. He worked as Director ORIC (Office of Research, Innovation and Commercialization), Project Director (GCUF Main and Sub-Campuses) and Chief Security Officer (New Campus of GCUF). He started BS, MS and Ph.D. electrical engineering programs and established various engineering labs in GCUF. He is with GCUF since 2006 and served as Lecturer, Assistant Professor, Associate Professor and Professor. Before that he was with Government College of Technology (GCT), Faisalabad, Pakistan, and Shakarganj Mills Ltd. (SML), Jhang, Pakistan in 2006 and 2005 respectively. He also served UET Lahore (Faisalabad Campus) as visiting Lecturer from 2006 to 2007. Dr. Bhatti is a lifetime member (as Professional Engineer) of Pakistan Engineering Council and IEEEP. He is also member of National Curriculum Revision Committee (NCRC). He has been appointed as Program Evaluator by Pakistan Engineering Council (PEC) as well as National Technology Council (NTC), Pakistan. He received Awards of Best Teacher (GCUF), Outstanding Researcher (GCUF), Most downloaded Paper in Wiley for 2018-2019 and Best Paper in IEEE 6th International Conference on Power and Energy, Malaysia. He is consultant of Renewable Energy Expert Company. He secured numerous project grants from various funding agencies like HEC, Ignite, PEC and British Council. He is the reviewer of various national and international research journals in the field of electrical engineering. He has 70+ research articles (including local and foreign journals, conference proceedings and Book Chapter) on his credit with cumulative impact factor as 156.283 with h-index 21, i10-index 32 and number of citations more than 2100 on date of joining as Dean of faculty. His research interests are in electrical energy management, electric vehicle charging, solar photovoltaic, energy forecasting, artificial intelligence, deterministic algorithms, and renewable energy. With Prof. Dr. Abdul Rauf Bhatti as a Dean of the faculty of Engineering and Technology, the faculty as well as students of this faculty are expected to be benefitted immensely from the conducive and enabling environment.

The Faculty of Engineering and Technology is contributing to the Faisalabad community through Engineering and Technology programs accredited by Pakistan Engineering Council (PEC) and National Technology Council (NTC), IEEE Industrial Application Society & other chapters and ICT services for holding exams of ECAT and other University's entry tests.

Department of Architecture

Phone: 041-9203035
Email: muhammadabdullah@gcuf.edu.pk

Programs Offered

1. **B. Architecture**

Teacher In charge: Architect Muhammad Abdullah



Vision

The vision of the Department is to become one of the best architecture departments in Pakistan & in region to gain international recognition as a leader in architectural education that promotes regional architecture and an interdisciplinary culture of teaching and service.

Mission

The mission of B-Arch program is to provide the students with most creative, innovative and latest knowledge of Architecture. A balance of creativity and functionality shall be a main focal point to be instilled in the students. Moreover, the program shall focus on the training the students in a way that they become good architects and better human in future.

The mission of B.Sc. Architectural Engineering Technology is to train the students in most technical way in terms of Architecture design and execution alike. The courses in this programs focus practical and applied Architecture Engineering Technology. Along with theoretical knowledge of the program.

Introduction

"The main objective of the Architecture program is to educate and train students to become professionally sound and creative architects and to prepare them further for higher studies. Teaching in the department is focused on enhancing creative abilities, critical thinking, professional competence and ethical practice.

It is a 5-year (Ten Semesters) program of studies leading to a professional degree in Architecture (B.Arch.). Students registered in this program will also have the option to gain specialization in future as indicated below.

- Housing and Urban Design
- Landscape Architecture
- Interior Design
- Building Conservation
- Urban Revitalization
- Building Construction Management
- Architectural Studies

The program of study is highly demanding and only those students are recommended to apply who are willing to work long hours. Furthermore, significant components of studies involve fieldwork, where students are required to visit construction sites, conduct field surveys, and join out of station study tours. B.Arch. degree requirements also include 16 weeks of internship in a professional establishment, which would typically take place during summer vacations.

Faculty

Ar. Muhammad Abdullah
Lecturer / Incharge
M.Arch. (University of Punjab-Pakistan)

Ar. Abdul Moeez
Research Officer.
B.Arch. (University of South Asia -Pakistan)

B. Architecture

Semester 1		
ARH-301	Basic Design-I	5(0-5)
ARH-303	Materials and Construction-I	3(2-1)
ARH-305	Archaeological history of civilization-I	2(2-0)
ARH-307	Architectural Graphics-I	3(0-3)
ARH-309	Surveying and Levelling	3(1-2)
ENG-311	Communication Skills-I	1(0-1)
+THQ-I	Teaching of The Holy Quran -I	1(1–0)
Semester 2		
ARH-302	Basic Design-II	5(0-5)
ARH-304	Structural System-I	2(2-0)
ARH-306	Archaeological history of civilization-I	2(2-0)
ARH-308	Architectural Graphics-II	3(0-3)
ARH-310	Free Hand Sketching-II	2(0-2)
ISL-312	Islamic and Pakistan Studies-I	3(3-0)
Semester 3		
ARH-401	Architectural Design-I	8(0-8)
ARH-403	Structural System-II	2(2-0)
ARH-405	Archaeological history of civilization-III	2(2-0)
ARH-407	Environment Control-I	3(2-1)
ISL-409	Islamic and Pakistan Studies-I	3(3-0)
ENG-411	Communication Skills-II	1(0-1)
+THQ-II	Teaching of The Holy Quran -II	1(1–0)
Semester 4		
ARH-402	Architectural Design-II	8(0-8)
ARH-404	Materials and Construction-II	2(2-0)
ARH-406	Archaeological history of civilization-IV	2(2-0)
ARH-408	Computer Applications in Architecture-I	2(0-2)
ARH-410	Environmental Control-II	3(2-1)
Semester 5		
ARH-501	Architectural Design-III	8(0-8)
ARH-503	Building Services	2(2-0)
ARH-505	Environmental Psychology	2(2-0)
ARH-507	Computer Applications in Architecture-II	2(0-2)
ARH-509	Energy efficient Architecture	3(2-1)
+THQ-III	Teaching of The Holy Quran -III	1(1–0)
Semester 6		
ARH-502	Architectural Design-IV	8(0-8)
ARH-504	Architectural working drawings	2(0-2)
ARH-506	Architectural Theory and Criticism-I	2(2-0)
ARH-508	Research and Report Writing	3(2-1)
ARH-510	Interior Design	4(2-2)
+THQ-IV	Teaching of The Holy Quran -IV	1(1–0)
Semester 7		
ARH-601	Architectural Design-V	8(0-8)
ARH-603	Architectural Theory and Criticism-II	2(2-0)
ARH-605	Landscape Design	4(2-2)
ARH-607	Human Settlement Studies-I	3(2-1)
Semester 8		
ARH-602	Architectural Design-VI	8(0-8)
ARH-604	Integrated Design	3(0-3)













Department of Chemical Engineering Technology

Phone: 041-9203027
Email: cet@gcuf.edu.pk



Programs Offered

Bachelor of Engineering Technology (Chemical)

Chairperson: Dr. Tazien Rashid



Vision

To become a premier hub of Chemical Engineering Technology and being recognized for diverse and high-quality technical education.

Mission

To produce skillful chemical engineering technologists to employ technical knowledge and practical skills to solve industrial problems with professional ethics.

Introduction

Pakistan is a land of opportunities. Recently, as a result of CPEC project, Pakistan has gained a vital Geo-strategic location in the region. This impact will increase the demand of technical professionals in the field of Chemical Engineering Technology in the near future.

The department of Chemical Engineering Technology at GCUF started its journey in 2016 and is the first government sector unit in Faisalabad, which initiates the degree course in Bachelor of Engineering Technology (Chemical) under the umbrella of National Technology Council (NTC).

Faculty

Dr. Tazien Rashid
Associate Professor / Chairperson
Ph.D. Chemical Engineering (UTP, Malaysia)

Dr. Muhammad Ammar
Assistant Professor
Ph.D. Chemical Engineering (UCAS, China)

Engr. Muddasar Safdar
Lecturer (On Study leave)
M.Sc. Chemical and Energy Engineering (OvGU Magdeburg, Germany)

Engr. Bilal Akbar
Lecturer
M.Sc. Chemical Engineering (PU, Pakistan)

Engr. Sana Jamal
Lecturer
M.Sc. Chemical Engineering (PU, Pakistan)

Engr. Baber Saeed
Lecturer (On Study leave)
M.Sc. Petroleum Engineering (TU Clusthal, Germany)

Engr. Maria Jafer Khan
Lecturer
M.Sc. Chemical Engineering (UET Lahore, Pakistan)

Engr. Syed Ejaz Haider
Lecturer (On Study Leave)
M.Sc. Chemical and Energy Engineering (OvGU Magdeburg, Germany)

Program Educational Objectives (PEOs)

Few years after graduation, students are expected to:

PEO-01: Establish a basic understanding of core domains of chemical engineering technology to resolve problems of industry, environment, and society by applying technical knowledge and skills.

PEO-02: Take the initiative in developing innovative ideas for the technological and professional growth of the process industry.

PEO-03: Perform effectively as an individual or part of a team with leadership skills while adhering to professional ethics and social values for the sustainable growth of society.

Bchelor of Engineering Technology (Chemical)

Semester 1		
ISL-321	Islamic Studies	2(2-0)
ISL-322	Ethics (For Non-Muslim only)	2(2-0)
ICP-321	Ideology and Constitution of Pakistan	2(2-0)
MTH-321	Algebra and Trigonometry	3(3-0)
ENG-321	Functional English	3(3-0)
CHT-301	Introduction to Chemical Industries	2(1-1)
CHT-303	Basic Thermodynamics	2(1-1)
MET-301	Technical Drawing	2(1-1)
MET-303	Workshop Practice	2(0-2)
**MTH-111	Basic Mathematics-I	3(3-0)
*THQ-I	Teaching of The Holy Quran -I	1(1–0)
Semester 2		
CHT-302	Chemical Process Calculations	2(2-0)
ACH-321	Applied Chemistry	3(2-1)
PST-321	Pakistan Studies	2(2-0)
ICT-321	Applications of Information & Communication Technologies	3(2-1)
MTH-322	Introduction to Calculus	3(3-0)
ENG-322	Expository Writing	3(3-0)
CSI-312	Computer Programing	2(1-1)
**MTH-112	Basic Mathematics II	3(3-0)
Semester 3		
CHT-401	Particulate Technology	3(2-1)
CHT-403	Industrial Materials	2(2-0)
CHT-405	Fluid Flow Operations	3(2-1)
CHT-407	Energy Technologies	3(2-1)
CHT-409	Process Plant Operations	2(2-0)
EET-431	Electrical Technology	3(2-1)
ENG-421	Communication Skills	2(2-0)
*THQ-II	Teaching of The Holy Quran -II	1(1–0)
Semester 4		
CHT-402	Mass Transfer Operations	3(2-1)
CHT-404	Heat Transfer Operations	3(2-1)
CHT-406	Waste Water Treatment Technology	3(2-1)
CHT-408	Environment, Health, and Safety	2(2-0)
CCE-421	Civics and Community Engagement	2(2-0)
ENT-422	Entrepreneurship	2(2-0)
ENG-422	Technical Writing	2(2-0)
Semester 5		
CHT-501	Chemical Reactor Operations	3(2-1)
CHT-503	Industrial Instrumentation	2(1-1)
CHT-505	Fertilizer Technology	3(3-0)
CHT-507	Petroleum and Petrochemical Technology	3(2-1)
CHT-509	Project Part-I	3(0-3)
BAM-677	Project Management	3(3-0)
*THQ-III	Teaching of The Holy Quran -III	1(1–0)
Semester 6		
CHT-502	Economics for Technologists	3(3-0)
CHT-504	Process Plant Utilities	2(2-0)
CHT-506	Biochemical Technology	3(2-1)
CHT-508	Chemical Process Design and Simulation	3(2-1)
CHT-510	Plant Maintenance	3(2-1)
CHT-512	Project Part-II	3(0-3)
*THQ-IV	Teaching of The Holy Quran -IV	1(1–0)
Semester 7		
CHT-631	Supervised Industrial Training	16(0-16)
Semester 8		
CHT-632	Supervised Industrial Training	16(0-16)

One week's training @ 8 hours daily for 5 days per week will be counted as 1 credit hour.
Accordingly, 5 working days/week x 8 contact hours/day = 40 contact hours/week.
* Audit Course
** Deficiency Course for F.Sc. Pre-medical Students

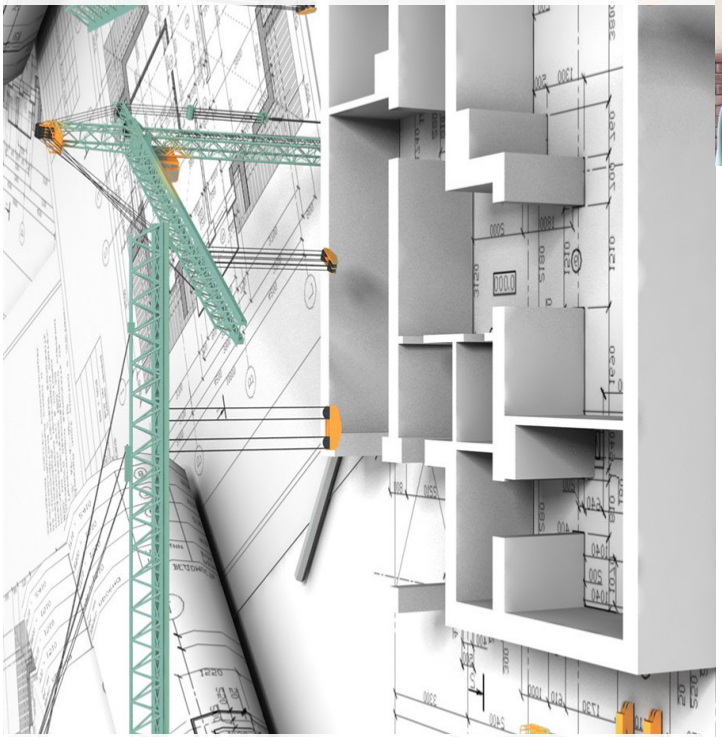






Department of Civil Engineering Technology

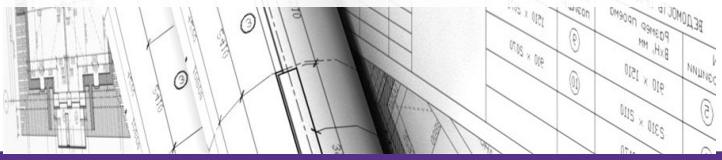
Phone: 041-9203047
Email: civilengineeringtechnology@gcuf.edu.pk



Programs Offered

B.Sc. Civil Engineering Technology

Incharge: Faizan Ashraf





Vision

Emerge as a Center of Excellence in Civil Engineering Technology, fostering a generation of globally competent and socially committed civil engineering technologists who will contribute to the nation building process

Mission

To provide high quality education for producing professional technologists with high ethical norms, leadership qualities, and entrepreneurial skills in modern domains of Civil Technology to meet ever-changing needs of society and industry.".

Introduction

The department of Civil Engineering Technology started offering BSc Civil Engineering Technology program in the year 2015. The objective of the BSc Civil Engineering Technology program is to provide the students good understanding of civil engineering solutions in a global, societal and environmental context, in consistent with the principles of sustainable development. The programme will make the students capable of identifying, formulating and solving civil engineering problems that meet specified performance, cost, time, safety and other quality needs. BSc Civil Engineering Technology program emphasizes on industry standard and research based projects to enhance the students' skills for becoming successful professionals in the field of Civil Engineering and Technology. The OBE System has been adopted by the department as per guidlines of National Technology Council (NTC). Zero visit of NTC for accredation of BSc Civil Engeering Technology Program has been conducted succesfully.

Program Educational Objectives (PEOs)

Program Educational Objectives (PEOs) define the objectives which are to be achieved by each graduate of Civil Engineering Technology program after gaining four years of professional experience. Department of Civil Engineering Technology is one of the departments under the Faculty of Engineering & Technology. While designing PEO's, Department's Mission have been considered and are listed as follow:

PEO-01: Graduates exhibit excellence in their profession through technical knowledge and skills.

PEO-02: Graduates demonstrate effective communication and teamwork skills and uphold the principles of societal obligations

PEO-03: Graduates capable of planning, executing and managing the construction projects through continuous professional development activities

Faculty

Faizan Ashraf
Academic Coordinator / Research Officer
MS in Construction & Engineering Management

Engr. Talha Aslam
Exam-Coordinator/ Research Officer
MS in Hydraulics & irrigation

Engr. Atta Mehroz
IT Focal Person / Research Officer
MS in Geotechnical & Highway Engineering

Scheme of Studies for BSc Civil Engineering Technology

Semester 1		
CET-301	Surveying	3(1-2)
CET-303	Materials and Methods of Construction	2(1-1)
MTH-309	Applied Mathematics -I	3(3-0)
PHY-326	Applied Physics	3(2-1)
ENG-321	Functional English	3(3-0)
ISL-321	Islamic Studies	2(2-0)
+THQ-I	Teaching of The Holy Quran -I	1(1–0)
Semester 2		
CET-302	Geology	2(1-1)
CET-304	Civil Engineering drawing, Drafting and Interpretation	3(1-2)
CET-306	Mechanics of Solids	3(2–1)
CSI-302A	Introduction to Computer Programing	3(1–2)
MTH-310	Applied Mathematics- II	3(3-0)
ACH-321	Applied Chemistry	3(2-1)
Semester 3		
ART-411	Evolution of Architecture & Engineering	2(2-0)
CET-403	Concrete Technology	3(1-2)
CET-405	Fluid Mechanics	3(2-1)
ENG-421	Communication Skills	3(3-0)
PST-321	Pakistan Studies	2(2-0)
BAM-407	Professional ethics	2(2-0)
ICT-321	Applications of Information and communication Technologies (ICT)	3(2-1)
+THQ-II	Teaching of The Holy Quran -II	1(1–0)
Semester 4		
CET-402	Transportation and Highway Technology	3(2-1)
CET-404	Structural Principles	2(2-0)
CET-406	Soil Mechanics	3(1-2)
ICP-321	Ideology and Constitution of Pakistan	2(2-0)
ENG-322	Expository Writing	3(3-0)
ECO-412	Fundamentals of Applied Economics	3(3-0)
CCE-421	Civics and Community Engagement	2(2-0)
Semester 5		
CET-501	Hydrology	2(1-1)
CET-503	Reinforced and Pre-stressed Concrete	3(2-1)
CET-505	Construction Equipment and Job site Practices	3(1-2)
CET-507	Computer Aided Drawing and Building Information Modelling	3(1-2)
CET-509	Geotechnical Investigation and Foundations	2(1-1)
MET-511	Electro-Mechanical Technology	2(1-1)
CET-511	Project Part -I	3(0-3)
*THQ-III	Teaching of The Holy Quran -III	1(1–0)
Semester 6		
ENV-520	Environmental Technology	2(1-1)
CET-502	Irrigation Technology	3(2-1)
CET-504	Construction of Steel Structures	3(2-1)
CET-506	Quantity Surveying and Estimation	3(1-2)
CET-508	Maintenance and Repair of Civil Works	2(1-1)
CET-510	Project Part-II	3(0-3)
ENT-422	Entrepreneurship	2(2-0)
+THQ-IV	Teaching of The Holy Quran -IV	1(1–0)
Semester 7		
CET-631	Internship	16(0-16)
Semester 8		
CET-632	Internship	16(0-16)

Note: The industrial training/Internship performance assessment will be based on;
1. On the job Trainer, Report (20%)
2. Training Advisor report through visit or survey (10%)
3. Industrial Training Report (50%)
4. Viva Voce (20%)

+ Audit Course

















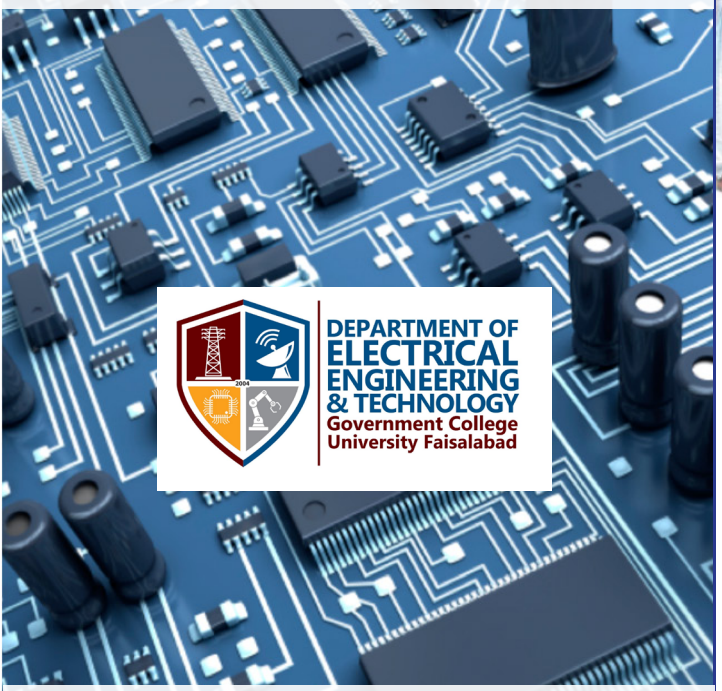






Department of Electrical Engineering & Technology

Contact (Engineering section): 041-9203009, ee@gcuf.edu.pk
Contact (Technology section): 041-9203009, eet@gcuf.edu.pk



Programs Offered

Engineering Section

- **BS Electrical Engineering**
- **MS Electrical Engineering**
- **PhD Electrical Engineering**

Technology Section

- **Bachelor of Engineering Technology (Electrical)**
- **Master of Engineering Technology (Electrical)**

Chairman: Engr. Dr. Kashif Nisar Paracha



Introduction

The Department of Electrical Engineering and Technology, since its formulation in 2004, has been imparting quality knowledge and skills of Electrical Engineering and Technology to its undergraduate students. Over the years, the department has gradually been evolving into its current state with advanced teaching methods, modern laboratory facilities, highly qualified faculty including PhDs, and an efficient administrative/ organizational setup. These advancements have resulted in the successful launch of MS and PhD Electrical Engineering programs in fall 2019 and the Master of Engineering Technology (Electrical) program in fall 2024. The department has been structured to have an Engineering section and a Technology section at the undergraduate level, in addition to the postgraduate programs.

The adoption of Outcome Based Education (OBE) has been a major step forward for engineering education in Pakistan. Since the accreditation of the Pakistan Engineering Council (PEC) with the Washington Accord, this system has transformed our education system from conventional input-based systems to an internationally accepted OBE system. This allows all stakeholders of the education system to contribute to the development of the engineering curricula. Based on the recommendation of PEC and in line with the university's mission and vision, the Department of Electrical Engineering and Technology, GCUF has adopted this system with effect from spring 2019. Another milestone achieved by the department is the re-accreditation of the BS Electrical Engineering program (intake batch 2018-2022) at OBE level-II. Similarly, the OBE system has been adopted by the Technology section as per guidelines of National Technology council (NTC) with effect from fall 2020. The Bachelor of Engineering Technology (Electrical) program has been accredited by NTC up until session 2021-2025.

Engineering Section

Mission

Our mission is to prepare individuals capable of responding to the rapidly changing field of Electrical Engineering. It is imperative that our students develop the necessary intellectual abilities, social tolerance, technical, entrepreneurial and leadership skills alongside moral and ethical values to successfully grasp this change for a prosperous future. The department meets this challenge through implementation of a dynamic and versatile Outcome Based Engineering Education System

Program Educational Objectives (PEOs)

In line with OBE system guidelines, university's vision, mission and industrial needs, the Program Educational Objectives (PEOs) have been developed by the department of electrical engineering and technology for BS Electrical Engineering program.

PEO-1 : Apply Engineering Knowledge to resolve the technical problems of the society.

PEO-2 : Enhance the intellectual and analytical abilities in taking initiative to develop innovative ideas for technological and professional growth in the field of Electrical Engineering.

PEO-3 : Work effectively as a team member or lead multidisciplinary teams while demonstrating the interpersonal, entrepreneurial and management skills alongside ethical responsibilities.

To fully implement the OBE system in Department of Electrical Engineering and Technology and to incorporate stakeholders into the system, the department has established a Placement Bureau/ Industrial Liaison Office and an Industrial Advisory board. The Placement Bureau/ Industrial Liaison Office maintains close collaboration with the industry and facilitates internship/ job placement of the students/graduates and also organizes industrial visits to bridge the gap between theory and practice. The Industrial Advisory Board, comprising representatives from power and telecom sectors including Faisalabad Chamber of Commerce & Industry (FCCI), advises the department on strengthening industry academia linkages and curriculum revisions in line with industrial needs.

Graduate Attributes/ Program Learning Outcomes (PLOs)

As per Washington Accord, an Engineering Graduate is expected to have the following attributes.

Engineering Knowledge (PLO-1): Apply knowledge of mathematics, natural science, engineering fundamentals and an engineering specialization to the solution of complex engineering problems (WK-1-WK-4).

Problem Analysis (PLO-2): Identify, formulate, conduct research literature, and analyse complex Engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences and engineering sciences (WK-1-WK-4).

Design/Development of Solutions (PLO-3): An ability to design solutions for complex engineering problems and design systems, components or processes that meet specified needs with appropriate consideration for public health and safety, cultural, societal, and environmental considerations (WK-5).

Investigation (PLO-4): Conduct investigation of complex Engineering problems using research-based knowledge and research methods, including design of experiments, analysis and interpretation of data, and synthesis of information to provide valid conclusions (WK-8).

Tool Usage (PLO-5): Create, select and apply appropriate techniques, resources, and modem engineering and IT tools, including prediction and modeling, to complex Engineering problems, with an understanding of the limitations (WK-2 and WK 6).

The Engineer and the World (PLO-6): Analyze and evaluate sustainable development impacts to society, the economy, sustainability, health and safety, legal frameworks, and the environment while solving complex engineering problems (WK-1, WK-5, and WK-7).

Ethics (PLO-7): Apply ethical principles and commit to professional ethics and norms of engineering practice, and adhere to relevant national and international laws. Demonstrate an understanding of the need for diversity and inclusion (WK-9).

Individual and Collaborative Team Work (PLO-8): Function effectively as an individual, and as a member or leader in diverse and inclusive teams and in multi-disciplinary, face-to-face, remote and distributed settings (WK-9).

Communication (PLO-9): Communicate effectively and inclusively on complex engineering activities with the engineering community and with society at large, such as being able to comprehend and write effective reports and design documentation, and make effective presentations, taking into account cultural, language, and learning differences (WK-1 and WK-9).

Project Management and Finance (PLO-10): Demonstrate knowledge and understanding of engineering management principles and economic decision-making and apply these to one's own work, as a member and leader in a team, to manage projects in multidisciplinary environments (WK-2 and WK-5).

Lifelong Learning (PLO-11): Recognize the need for, and have the preparation and ability for i) independent and life-long learning ii) adaptability to new and emerging technologies and iii) critical thinking in the broadest context of technological change (WK-8 and WK-9).

Faculty

Engr. Prof. Dr. Abdul Rauf Bhatti
Professor
PhD Electrical Engineering (UTM Malaysia)

Engr. Dr. Kashif Nisar Paracha
Chairman
Associate Professor
PhD Electrical Engineering (UTM Malaysia)

Engr. Dr. Arslan Dawood Butt
Assistant Professor/ Head of Engineering Section
PhD Electronics Engineering (Polimi Italy)

Engr. Dr. Umer Ijaz
Assistant Professor/ Convener Discipline Committee
PhD Electronics & Communication Engineering (Polito Italy)

Engr. Dr. Abubakar Sharif
Assistant Professor (on Study Leave)
PhD Electrical Engineering (UESTC, China)

Engr. Dr. Mirza Hussain Raza Qasim
Assistant Professor/ Coordinator DQEC
PhD Electrical Engineering (Hanyang University South Korea)

Engr. Muhammad Ubaidullah
Lecturer/ Industrial Liaison Officer
MSc. Electrical Engineering (UET Taxila-Pakistan)

Engr. Taufeeq Liaquat
Lecturer/ CPD Coordinator
MSc. Electrical Engineering (UET Taxila-Pakistan)

Engr. Nouman Safdar
Lecturer/ Academic Coordinator / Member CQI Committee
PhD Scholar (GCUF)
MS Electrical Engineering (UOL LHR)

Engr. Muhammad Malik
Lecturer (On Study Leave)
PhD Scholar (China)

Engr. Ali Iqbal
Lecturer/ Convenor FYP Committee
MS Electrical (Telecommunication) Engineering (NUST-Pakistan)

Engr. Muhammad Aleem Hussain
Lab Engineer / Assistant Academic Coordinator
MS Scholar (GCUF)
BSc Electrical Engineering (NFC -Pakistan)

Engr. Muzammil Hayat
Lab Engineer/ Incharge Time Table
MS Electrical Engineering (TUF-Pakistan)

Engr. Mariam Naseem
Lab Engineer/ Member OHSE Committee
MS Electrical Engineering (TUF)

Engr. Maria Hanif
Research Officer/ Lab Engineer
PhD Scholar (GCUF-Pakistan)
MSc. Electrical Engineering (UET-Pakistan)

Engr. Irfan Riaz Shohab
Research Officer/Member DQEC
MS Computer Science (GCUF-Pakistan)

Engr. Hassan Rasheed
Exam Coordinator
MS Electrical Engineering (TUF-Pakistan)

Engr. Muhammad Abrar
IT Focal Person
BSc. Electrical Engineering (GCUF-Pakistan)

Scheme of Studies
BS Electrical Engineering

Semester 1		
ELE-301L	Workshop Practice Lab	1(0-1)
ELE-303	Linear Circuit Analysis	3(3-0)
ELE-303L	Linear Circuit Analysis Lab	1(0-1)
PHY-321	Applied Physics-I	3(2-1)
MTH-323	Calculus and Analytical Geometry	3(3-0)
ENG-321	Functional English	3(3-0)
ISL-321 ISL 322	Islamic Studies Ethics (For Non-Muslims)	2(2-0) 2(2-0)
ACH-321**	Applied Chemistry	3(2-1)
*THQ-I	Teaching of the Holy Quran - I	1(1–0)
Semester 2		
ELE-302L	Engineering Drawing Lab	1(0-1)
ELE-304	Electronic Devices and Circuits	3(3-0)
ELE-304L	Electronic Devices and Circuits Lab	1(0-1)
ELE-306	Digital Logic Design	3(3-0)
ELE-306L	Digital Logic Design Lab	1(0-1)
ICT-321	Applications of Information and Communication Technologies	3(2-1)
MTH-326	Differential Equations	3(3-0)
PST-321	Pakistan Studies	2(2-0)
Semester 3		
ELE-401	Programming Fundamentals for Engineers	3(3-0)
ELE-401L	Programming Fundamentals for Engineers Lab	1(0-1)
ELE-403	Electrical Network Analysis	3(3-0)
ELE-403L	Electrical Network Analysis Lab	1(0-1)
ELE-405	Instrumentation and Measurements	3(3-0)
ELE-405L	Instrumentation and Measurements Lab	1(0-1)
ENG-421	Communication Skills	2(2-0)
EET-304	Environment, Health, and Electrical Safety	1(1-0)
MTH-328	Complex Variables and Transforms	3(3-0)
*THQ-II	Teaching of the Holy Quran -II	1(1–0)
Semester 4		
ELE-402	Electronic Circuit Design	3(3-0)
ELE-402L	Electronic Circuit Design Lab	1(0-1)
ELE-404	Introduction to Embedded Systems	3(3-0)
ELE-404L	Introduction to Embedded Systems Lab	1(0-1)
ELE-406	Probability Methods in Engineering	3(3-0)
ELE-408	Signals and Systems	3(3-0)
ELE-408L	Signals and Systems Lab	1(0-1)
MTH-424	Linear Algebra	3(3-0)
Semester 5		
ELE-501	Engineering Economics and Management	2(2-0)
ELE-503	Linear Control Systems	3(3-0)
ELE-503L	Linear Control Systems Lab	1(0-1)
ELE-505	Communication Systems	3(3-0)
ELE-505L	Communication Systems Lab	1(0-1)
ELE-507	Electrical Machines	3(3-0)
ELE-507L	Electrical Machines Lab	1(0-1)
ENG-322	Expository Writing	3(3-0)
*THQ-III	Teaching of the Holy Quran -III	1(1–0)
Semester 6		
ELE-502	Power Electronics	3(3-0)
ELE-502L	Power Electronics Lab	1(0-1)
ELE-504	Electromagnetic Field Theory	3(3-0)
ELE-506	Introduction to Machine Learning	3(3-0)
ELE-506L	Introduction to Machine Learning Lab	1(0-1)
ELE-508	Power Transmission and Distribution	3(3-0)
CCE-421	Civics and Community Engagement	2(2-0)
Semester 7		
ELE-601-A	Final Year Project-I	2(0-2)
ELE-603	Power System Analysis and Protection	3(3-0)
ELE-603L	Power System Analysis and Protection Lab	1(0-1)
ELE-605	Digital Signal Processing	3(3-0)
ELE-605L	Digital Signal Processing Lab	1(0-1)
ELE-6XX	ELECTIVE -I	3(3-0)
ELE-6XXL	ELECTIVE -I Lab	1(0-1)
ICP-321	Ideology and Constitution of Pakistan	2(2-0)
*THQ-IV	Teaching of the Holy Quran -IV	1(1–0)
Semester 8		
ELE-601-B	Final Year Project-II	4(0-4)
ELE-602*	Internship	1*(0-1*)
ELE-604	Computer Communication Networks and Security	3(3-0)
ELE-604L	Computer Communication Networks and Security Lab	1(0-1)
ELE-606	Renewable Energy Systems	3(3-0)
ELE-6XX	ELECTIVE-II	3(3-0)
ELE-6XXL	ELECTIVE-II Lab	1(0-1)
ENT-422	Entrepreneurship	2(2-0)
* Audit Course		
Elective Courses		
ELE-607	Industrial Electronics	3(3-0)
ELE-607L	Industrial Electronics Lab	1(0-1)
ELE-608	Optical Communication	3(3-0)
ELE-608L	Optical Communication Lab	1(0-1)
ELE-609	Power System Operation & Control	3(3-0)
ELE-609L	Power System Operation & Control Lab	1(0-1)
ELE-610	Wave Propagation and Antenna	3(3-0)
ELE-610L	Wave Propagation and Antenna Lab	1(0-1)
ELE-611	High Voltage Engineering	3(3-0)
ELE-611L	High Voltage Engineering Lab	1(0-1)
ELE-612	RF and Microwave Engineering	3(3-0)
ELE-612L	RF and Microwave Engineering Lab	1(0-1)
ELE-613	Smart Grid	3(3-0)
ELE-613L	Smart Grid Lab	1(0-1)
ELE-614	Wireless and Mobile Communications	3(3-0)
ELE-614L	Wireless and Mobile Communications Lab	1(0-1)
ELE-616	Digital System Design	3(3-0)
ELE-616L	Digital System Design Lab	1(0-1)

ELE-618	VLSI Design	3(3-0)
ELE-618L	VLSI Design Lab	1(0-1)
ELE-620	Integrated Electronics	3(3-0)
ELE-620L	Integrated Electronics Lab	1(0-1)
ELE-622	Digital Image Processing	3(3-0)
ELE-622L	Digital Image Processing Lab	1(0-1)
ELE-624	Cryptography and Network Security	3(3-0)
ELE-624L	Cryptography and Network Security Lab	1(0-1)
ELE-626	Artificial Intelligence	3(3-0)
ELE-626L	Artificial Intelligence Lab	1(0-1)
ELE-628	Optimization Theory	3(3-0)
ELE-628L	Optimization Theory Lab	1(0-1)
ELE-630	Electromagnetic Sensing and Imaging	3(3-0)
ELE-630L	Electromagnetic Sensing and Imaging Lab	1(0-1)
ELE-632	Medical Imaging Systems	3(3-0)
ELE-632L	Medical Imaging Systems Lab	1(0-1)
ELE-634	Data Science and Analytics	3(3-0)
ELE-634L	Data Science and Analytics Lab	1(0-1)

Technology Section

Mission

Our mission is to enable future technologists to face challenges of their field with intellectual and technical expertise keeping in view the ethical and moral aspects of their work. Moreover, to produce highly competent future leaders capable of bringing Pakistan into a new era of technological and entrepreneurial advancement through education based on industrial trainings, hands on experience and research.

Program Educational Objectives (PEOs)

In line with OBE system guidelines, university's vision, mission and industrial needs, the Program Educational Objectives (PEOs) have been developed by the department of electrical engineering and technology for B.E.Tech. (Electrical) program.

PEO-01: To produce graduates with a deep understanding of engineering technology, capable of effectively investigating and analyzing complex real-world industrial problems using a variety of analytical tools and modern technologies.

PEO-02: To cultivate graduates who can leverage modern and emerging technologies to design and implement innovative, cost-effective, and environmentally sustainable solutions for the benefit of society.

PEO-03: To foster graduates with strong moral values, exceptional entrepreneurial, management and communication skills who are proficient in working collaboratively in diverse and multi-disciplinary teams.

Faculty

Engr. Dr. Muhammad Farhan
Assistant Professor/ Head of Technology Section
PhD Electrical Engineering (BIT China)

Engr. Dr. Hafiz Muhammad Kamran Ishfaq
Assistant Professor/ Convener Book Purchase Committee
PhD Electrical Engineering (UTM Malaysia)

Engr. Dr. Rehan Liaqat
Assistant Professor/ Convener Students' Design Project Committee
PhD Electrical Engineering (UET Taxila)
MSc. Electrical Engineering (UET LHR)

Engr. Muhammad Ibrahim Khan
Assistant Professor
PhD Scholar (GCUF)
MSc. Electrical Engineering (UET LHR)

Engr. Waqar Aziz
Lecturer/ Coordinator DQEC
PhD Scholar (UOW, New Zealand)
MS Electrical Engineering (TUF -Pakistan)

Engr. Farah Batool
Lecturer/ Exam Coordinator
MS Scholar (GCUF-Pakistan)
BS Electronics Engineering (DUET KHI)

Engr. Muhammad Saad Sharif
Lecturer/ Convener PBILO/ IT Focal Person
MSc. Electrical Engineering (University of Newcastle, UK)

Engr. Syed Zeeshan Haider
Research Officer/ Academic Coordinator
MSc. Electrical Engineering (Sweden)

Engr. Anam Mughees
Research Officer/ Coordinator CQI
PhD. (Scholar-UET)
MSc. Engineering (UET -Pakistan)

Engr. Muhammad Fraz Anwar
Research Officer /Member PBILO
PhD. (Scholar-GCUF)
MS Electrical Engineering (TUF-Pakistan)

B.E.Tech. (Electrical)

Semester 1		
ISL-321	Islamic Studies/Ethics	2(2-0)
MTH-323	Calculus and Analytical Geometry	3(3-0)
PHY-321	Applied Physics	2(2-0)
PHY-321L	Applied Physics Lab	1(0-1)
ICT-321	Applications of Information and Communication Technologies	2(2-0)
ICT-321L	Applications of Information and Communication Technologies Lab	1(0-1)
EET-303	Electrical Workshop	2(0-2)
ICP-321	Ideology and Constitution of Pakistan	2(2-0)
ENG-321	Functional English	3(3-0)
*THQ-I	Teaching of The Holy Quran -I	1(1–0)
Semester 2		
PST-321	Pakistan Studies	2(2-0)
MTH-326	Differential Equations	3(3-0)
QTR-421	Quantitative Reasoning-I	3(3-0)
CSI-312	Computer Programming	2(2-0)
CSI-312L	Computer Programming Lab	1(0-1)
EET-302	Linear Circuit Analysis	2(2-0)
EET-302L	Linear Circuit Analysis Lab	1(0-1)
EET-304	Environment, Health and Electrical Safety	1(1-0)
ECO-332	Economics for Technologists	3(3-0)
Semester 3		
QTR-422	Quantitative Reasoning-II	3(3-0)
CET-332	Mechanics of Solids	2(2-0)
EET-403	Technical Drawing	1(0-1)
EET-405	Electronic Devices and Circuits	2(2-0)
EET-405L	Electronic Devices and Circuits Lab	1(0-1)

EET-407	Logic Circuits and Applications	2(2-0)
EET-407L	Logic Circuits and Applications Lab	1(0-1)
ENG-322	Expository Writing	3(3-0)
EET-411	Electrical Network Analysis	2(2-0)
EET-411L	Electrical Network Analysis Lab	1(0-1)
*THQ-II	Teaching of the Holy Quran - II	1(1–0)
Semester 4		
CCE-421	Civics and Community Engagement	2(2-0)
EET-402	Instrumentation and Measurements	2(2-0)
EET-402L	Instrumentation and Measurements Lab	1(0-1)
EET-404	Electrical Machines	2(2-0)
EET-404L	Electrical Machines Lab	1(0-1)
EET-406	Electrical Power Transmission	2(2-0)
EET-406L	Electrical Power Transmission Lab	1(0-1)
EET-408	Micro-Controller Systems	1(1-0)
EET-408L	Micro-Controller Systems Lab	1(0-1)
EET-410	Signals and Systems	1(1-0)
EET-410L	Signals and Systems Lab	1(0-1)
ENT-422	Entrepreneurship	2(2-0)
Semester 5		
EET-501	Control Technology	2(2-0)
EET-501L	Control Technology Lab	1(0-1)
EET-503	Communication Systems	2(2-0)
EET-503L	Communication Systems Lab	1(0-1)
EET-511	Electrical Power Distribution and Utilization	1(1-0)
EET-511L	Electrical Power Distribution and Utilization Lab	1(0-1)
EET-xxx	Elective-I	2(2-0)
EET-xxx	Elective-II	2(2-0)
EET-xxxL	Elective-II Lab	1(0-1)
CHT-533	Thermodynamics for Technologists	1(1-0)
CHT-533L	Thermodynamics for Technologists Lab	1(0-1)
EET-513	Project Part-I	3(0-3)
*THQ-III	Teaching of the Holy Quran -III	1(1–0)
Semester 6		
DSC-534	Introduction to Data Science	1(1-0)
DSC-534L	Introduction to Data Science Lab	1(0-1)
BAM-677	Project Management	3(3-0)
EET-xxx	Elective-III	2(2-0)
EET-xxxL	Elective-III Lab	1(0-1)
EET-xxx	Elective-IV	2(2-0)
EET-xxxL	Elective-IV Lab	1(0-1)
EET-xxx	Elective-V	2(2-0)
EET-xxxL	Elective-V Lab	1(0-1)
EET-514	Project Part-II	3(0-3)
Semester 7		
EET-631	Supervised Industrial Training	16(0-16)
Semester 8		
EET-632	Supervised Industrial Training	16(0-16)

+ Audit Course

Note: The Industrial training performance assessment will be based on

1. On the job Trainer's Report = 20%
2. Training Advisor Report = 10%
3. Industrial Training Report = 50%
   a. Training Advisor = 30%
   b. External Examiner = 20%
4. Viva voce = 20% (Training Advisor/ External Examiner)

Elective Courses		
EET-505	High Voltage Technology	2(2-0)
EET-507	Switchgear and Protective Devices	2(2-0)
EET-507L	Switchgear and Protective Devices Lab	1(0-1)
EET-502	Industrial Drives and PLC	2(2-0)
EET-502L	Industrial Drives and PLC Lab	1(0-1)
EET-504	Power Electronics	2(2-0)
EET-504L	Power Electronics Lab	1(0-1)
EET-506	Power Generation Technology	2(2-0)
EET-506L	Power Generation Technology Lab	1(0-1)
EET-508	Electrical Safety	2(2-0)
EET-508L	Electrical Safety Lab	1(0-1)
EET-510	Renewable Energy Technologies	2(2-0)
EET-510L	Renewable Energy Technologies Lab	1(0-1)
EET-601	Energy Conservation and Auditing	2(2-0)
EET-601L	Energy Conservation and Auditing Lab	1(0-1)
EET-603	Electrical Appliances Repair	2(2-0)
EET-603L	Electrical Appliances Repair Lab	1(0-1)
EET-605	Smart Grid Technology	2(2-0)
EET-605L	Smart Grid Technology Lab	1(0-1)
EET-607	Fiber Optics Technology	2(2-0)
EET-607L	Fiber Optics Technology Lab	1(0-1)
EET-609	Sensor Networks	2(2-0)
EET-609L	Sensor Networks Lab	1(0-1)
EET-611	Machine Repair and Maintenance	2(2-0)
EET-611L	Machine Repair and Maintenance Lab	1(0-1)
EET-613	Electrification Technology	2(2-0)
EET-613L	Electrification Technology Lab	1(0-1)
EET-615	Integrated Circuits Technology	2(2-0)
EET-615L	Integrated Circuits Technology Lab	1(0-1)
EET-617	Mobile Phone Assembly and Repair	2(2-0)
EET-617L	Mobile Phone Assembly and Repair Lab	1(0-1)
EET-619	Automobile and Electric Vehicle Technologies	2(2-0)
EET-619L	Automobile and Electric Vehicle Technologies Lab	1(0-1)
EET-621	Telecommunication Systems Technology	2(2-0)
EET-621L	Telecommunication Systems Technology Lab	1(0-1)
EET-623	Wireless Technology	2(2-0)
EET-623L	Wireless Technology Lab	1(0-1)

Laboratory Staff

Mr. Muhammad Ijaz Bhatti
Lab Technician

Mr. Waqar Ali
Lab Assistant

Mr. Ali Kausar
Lab Assistant

Mr. Muhammad Bilal
Lab Attendant

Mr. Muhammad Najeeb Ullah
Lab Attendant

Mr. Umar Draz
Lab Attendant

Mr. Shah Nawaz
Lab Attendant

Mr. Azhar Hayat
Lab Attendant

Mr. Fahad Noor
Lab Attendant

Allied Staff

Mr. Muhammad Umair Abid
Assistant/ PA to Chairman

Mr. Shahzad Ansar
Library Assistant

Departmental Laboratory

- E-Lab-01 Communication and Signal Processing Lab
- E-Lab-02 Electronics and Circuit Design Lab
- E-Lab-03 Microwave and Antenna Lab
- E-Lab-04 Power Electronics Lab
- E-Lab-05 Electrical Machines and Power Systems Lab
- E-Lab-06 Instrumentation, Control and Automation Lab
- E-Lab-07 Embedded Systems and IoT Lab
- E-Lab-08 Computer Networks and Optical Communication Lab
- E-Lab-09 Final Year Project (FYP) Lab
- E-Lab-10 Research and Development (R&D) Lab
- E-Lab-11 Computer Lab

Library Facilites

- Over 7931 books under 1518 titles
- Including over 3872 books in book bank under 147 titles
- Availability of latest Journals and Magazines
- Access to IEEE Digital Xplore library and resources

MS/PhD Electrical Engineering

ELE-701	Linear System Theory	3(3-0)
ELE-702	Optimization Theory	3(3-0)
ELE-703	Simulation Modeling and Analysis	3(3-0)
ELE-704	Random Variable and Stochastic Processes	3(3-0)
ELE-705	Scientific Writing and Research Methodology	3(3-0)
ELE-706	Advanced Power Electronics	3(3-0)
ELE-707	Advanced Electrical Machine Design	3(3-0)
ELE-708	Control of Electric Machine Drives	3(3-0)
ELE-709	Advanced Topics in Power System	3(3-0)
ELE-710	Advanced Power System Protection	3(3-0)
ELE-711	Advanced High Voltage Engineering	3(3-0)
ELE-712	Power Quality	3(3-0)
ELE-713	Power System Planning	3(3-0)
ELE-714	Advanced Renewable Energy Systems	3(3-0)
ELE-715	Insulation Coordination in Power Systems	3(3-0)
ELE-716	Power System Transients	3(3-0)
ELE-717	Energy Management	3(3-0)
ELE-718	Advanced Smart Grid	3(3-0)
ELE-719	Advanced Control System	3(3-0)
ELE-720	Digital Control Systems	3(3-0)
ELE-721	Nonlinear Control Systems	3(3-0)
ELE-722	Adaptive Control Systems	3(3-0)
ELE-723	Guidance Navigation and Control	3(3-0)
ELE-724	Optimal & Robust Control	3(3-0)
ELE-725	Control System with Embedded Implementation	3(3-0)
ELE-726	Distributed Control Systems	3(3-0)
ELE-727	Advanced VLSI System Design	3(3-0)
ELE-731	Advanced Digital Signal Processing	3(3-0)
ELE-732	Antenna Theory and Design	3(3-0)
ELE-733	Wireless and Mobile Communications	3(3-0)
ELE-734	Microwave Devices and Circuits	3(3-0)
ELE-735	RF Circuits Design	3(3-0)
ELE-736	Embedded System Design	3(3-0)
ELE-737	Advanced Digital System Design	3(3-0)
ELE-738	Array Signal Processing	3(3-0)
ELE-739	Advanced Linear System Theory & Design	3(3-0)
ELE-740	Optimization Theory & Algorithms	3(3-0)
ELE-741	Modeling & Simulation of Engineering Systems	3(3-0)
ELE-742	Advanced Stochastic Processes	3(3-0)
ELE-743	Research Methods	3(3-0)
ELE-744	Advanced Power Electronics Converters	3(3-0)
ELE-745	Dynamics & Control of Electric Machine Drive Systems	3(3-0)
ELE-746	Advances in High Voltage Engineering	3(3-0)
ELE-747	Electrical Power System Quality Analysis	3(3-0)
ELE-748	Power System Planning & Reliability	3(3-0)
ELE-749	Renewable Electric Power Systems	3(3-0)
ELE-750	Insulation Coordination for Power Systems	3(3-0)
ELE-751	Analysis of Transient in Electrical Power Systems	3(3-0)
ELE-752	Advanced Control & Systems Engineering	3(3-0)
ELE-753	Advanced Digital Control Systems	3(3-0)
ELE-754	Network Security	3(3-0)
ELE-755	Networked & Embedded Control Systems	3(3-0)
ELE-756	Advanced Electrical Power System Analysis	3(3-0)
ELE-757	Adaptive Control Theory and Applications	3(3-0)
ELE-761	Advances in Guidance, Navigation and Control	3(3-0)
ELE-762	Optimal and robust control: Advanced topics	3(3-0)
ELE-763	Advanced Distributed Control System	3(3-0)
ELE-764	Machine Learning	3(3-0)
ELE-765	Adaptive Filter Theory	3(3-0)
ELE-766	Principles of Digital Communications	3(3-0)
ELE-767	Visible Light Communications	3(3-0)
ELE-768	Advanced Digital System Design, Synthesis & Verification	3(3-0)
ELE-769	Advanced Design & Analysis of Electrical Machines	3(3-0)
ELE-770	Advanced Protection Schemes for Electrical Power System	3(3-0)
ELE-771	Energy Management & Conservation	3(3-0)
ELE-772	Advanced Smart Grid Technology	3(3-0)
ELE-773	Nonlinear Control Systems: Analysis & Design	3(3-0)
ELE-774	Advanced Machine Learning	3(3-0)
ELE-775	Advanced Array Signal Processing	3(3-0)
ELE-776	Adaptive Signal Processing	3(3-0)
ELE-777	Advanced Digital Communications	3(3-0)
ELE-778	Advanced Topics in VLSI Architecture Design	3(3-0)
ELE-779	Advanced Topics in Digital Signal Processing	3(3-0)
ELE-780	Antenna Theory: Analysis & Design	3(3-0)
ELE-781	Advances in Wireless & Mobile Communications	3(3-0)

ELE-782	Advanced Microwave Integrated Devices & Circuits	3(3-0)
ELE-783	Advanced RF Integrated Circuit Design	3(3-0)
ELE-784	Advanced Embedded Systems Design	3(3-0)
ELE-785	Advanced Optical Communication	3(3-0)
ELE-786	Advanced Network Security	3(3-0)
ELE-787	Radar Principles and Systems	3(3-0)
ELE-788	Internet of Things and Machine Learning	3(3-0)
ELE-789	Imaging Radar Principles	3(3-0)
ELE-790	Advanced Radar Principles and Systems	3(3-0)
ELE-791	Artificial Intelligence & Internet of Things (IoT)	3(3-0)
ELE-792	Advanced Imaging Radar Principles	3(3-0)
Mandatory Requirements for MS		
STA-795	Statistics for Research	3(2-1)
ELE-728	Seminar (General)	1(0-1)
ELE-729	Seminar (Research)	1(0-1)
ELE-730	Thesis	6(0-6)
In addition to 6 credit hours of thesis, the students must take 26 credit hours in total (13 each during first and second semesters). General and research seminars to be also enrolled during First & Second semesters, respectively. Total credit hours for degree are 32.		
Mandatory Requirements for PhD		
STA-795	Statistics for Research	3(2-1)
ELE-758	Seminar (General)	1(0-1)
ELE-759	Seminar (Research)	1(0-1)
ELE-760	Thesis	
The students must qualify 20 credit hours in total (10 each during first and second semesters). General and research seminars to be enrolled during first and second semesters, respectively to be eligible for sitting in comprehensive examination during the third semester (after passing all 20 credit hours).		

Master of Engineering Technology (Electrical)

EET-701	Advanced Control Technology	3(3-0)
EET-702	Optimization Theory	3(3-0)
EET-703	Simulation Modelling and Analysis	3(3-0)
EET-704	Random Variable and Stochastic Processes	3(3-0)
EET-705	Scientific Writing and Research Methodology	3(3-0)
EET-706	Advanced Power Electronics	3(3-0)
EET-707	Advanced Electrical Machine Design	3(3-0)
EET-708	Control of Electric Machine Drives	3(3-0)
EET-709	Advanced Topics in Power System	3(3-0)
EET-710	Advanced Power System Protection	3(3-0)
EET-711	Advanced High Voltage Technology	3(3-0)
EET-712	Power Quality	3(3-0)
EET-713	Power System Planning	3(3-0)
EET-714	Advanced Renewable Energy Systems	3(3-0)
EET-715	Insulation Coordination in Power Systems	3(3-0)
EET-716	Power System Transients	3(3-0)
EET-717	Energy Management	3(3-0)
EET-718	Smart Grid Technology	3(3-0)
EET-719	Adaptive Control Technology and Applications	3(3-0)
EET-720	Digital Control Technology	3(3-0)
EET-721	Nonlinear Control Technology	3(3-0)
EET-722	Guidance Navigation and Control	3(3-0)
EET-723	Control System with Embedded Implementation	3(3-0)
EET-724	Distributed Control Technology	3(3-0)
EET-725	Advanced Digital Signal Processing	3(3-0)
EET-726	Antenna Technology	3(3-0)
EET-727	Wireless and Mobile Communication Technology	3(3-0)
EET-731	Advanced Digital System Design	3(3-0)
EET-732	Array Signal Processing	3(3-0)
EET-733	Advanced Linear System Technology	3(3-0)
EET-735	Advanced Power Electronics Converters	3(3-0)
EET-736	Network Security	3(3-0)
EET-737	Networked & Embedded Control Technology	3(3-0)
EET-738	Advanced Electrical Power System Analysis	3(3-0)
EET-739	Machine Learning	3(3-0)
EET-740	Microwave Devices and Circuits	3(3-0)
EET-741	RF Circuits Design and Applications	3(3-0)
EET-742	Advanced Embedded System Technology	3(3-0)
Mandatory Requirements for M.E.Tech (Electrical)		
STA-795	Statistics for Research	3(2-1)
EET-728	Seminar (General)	1(0-1)
EET-729	Seminar (Research)	1(0-1)
EET-730	Thesis	6(0-6)
In addition to 6 credit hours of thesis, the students must take 26 credit hours in total (13 each during first and second semesters). General and research seminars to be also enrolled during First & Second semesters, respectively. Total credit hours for degree are 32.		



Department of Mechanical Engineering & Technology



Programs Offered

BSc Mechanical Engineering Technology

Incharge: Dr. Muhammad Yasar Javaid



Vision

To produce technologists with sound knowledge of fundamentals of traditional, modern and emerging areas of together with technology and managerial skills, which are essential to achieve sustainable national development.

Mission

The Mission of Department of Mechanical Engineering Technology is towards outstanding education and research leading to well qualified technologists who are entrepreneurial and successful in advanced fields of mechanical technology to cater the ever changing industrial demands and social needs.

Introduction

Mechanical Engineering has made the world advance. We live in by constantly improving and inventing technology. Mechanical Engineering Technology has made it possible to convert our lives towards easier mode by making everything we use, more efficient.

Becoming a Mechanical Engineering Technologist opens doors to nearly every area of industry, from manufacturing to construction; working on problem-solving projects from design stages through to commissioning and production. There is a broad range of employment opportunities within this diverse discipline involving design, manufacture, research, development, management and marketing.

We provide students with a rigorous education, hands-on experience, exposure to cutting-edge research, and support to pursue their dreams.

Program Educational Objectives (PEOs)

PEO 1: To develop the thorough understanding of technical knowledge from basic level to higher levels in order to cope the ultimate mechanical technology needs of the day.

PEO 2: To develop the professional skill to adopt the smarter solutions to the technical problems and analysis by using modern tools and software.

PEO 3: To prepare the professionals to manage the projects with strong communication skills which leads to a good impact on the socio-economic growth of the society and provide sustainable solutions towards environment.

Faculty

Dr. Muhammad Yasar Javaid
Assistant Professor / Incharge
PhD Mechanical Engineering (UTP Malaysia)
Specialization: Hydrodynamic, Design, Computational Fluid Dynamics (CFD)

Dr. Fouzia Gillani
Assistant Professor (OPS)
PhD Mechanical Engineering (IST-ISD)
Specialization: Manufacturing System Engineering

Dr. Imran Zahid
Assistant Professor (OPS)
PhD Mechanical Engineering (UET Lahore)
Specialization: Thermal Engineering

Engr. Abdul Ghafoor Bhatti
Lecturer
MS Thermal Power Engineering (UET -Pakistan)
Specialization: Thermal Power Engineering

Engr. Tahir Abbas
Lecturer (On Study Leave)
MSc in Mechanical Engineering (UTP Malaysia)
Specialization: Impact Engineering, Maintenance & Condition Monitoring

Engr. Muhammad Raza Lashari
Lecturer (On study leave)
PhD Scholar (UOL -Pakistan)
Specialization: HVAC

Engr. Aown Muhammad Shah
Research Officer
MS Mechanical Engineering (UOL-Pakistan)
Specialization: Mechanical Design

Engr. Muhammad Imran
Lecturer (On study leave)
MSc in Mechanical Engineering (Applied Mechanics and Design) (UET Taxila-Pakistan)
Specialization: Applied Mechanics and Design

Engr. Jawad Ahmad
Lecturer (On study leave)
MSc in Mechanical Engineering

BSc Mechanical Engineering Technology

Semester 1		
PHY-321	Applied Physics	3(2-1)
ENG-321	Functional English	3(3-0)
CSI-321	Introduction to Computing Applications	3(1-2)
MTH-321	Algebra and Trigonometry	3(3-0)
ISL-321	Islamic Studies/ Ethics (For Non-Muslim only)	2(2-0)
MET-301	Workshop Practice	3(1-2)
*THQ-I	Teaching of the Holy Quran -I	1(1–0)
Semester 2		
ENG-421	Communication Skill	3(3-0)
ACH-321	Applied Chemistry	3(2-1)
PST-321	Pakistan Studies	2(2-0)
ICT-321	Applications of Information and Communication Technology	3(2-1)
CCE-421	Civics and Community Engagement	2(2-0)
ICP-321	Ideology and Constitution of Pakistan	2(2-0)
MET-302	Technical Drawing	3(1-2)
Semester 3		
ENG-322	Expository Writing	3(3-0)
MET-401	Materials Technology	2(2-0)
MET-303	Applied mechanics	3(2-1)
STA-321	Probability & Statistics	3(2-1)
EET-302	Electrical and Electronics Technology	3(2-1)
MET-405	Thermodynamics for Technologists	3(2-1)
*THQ-II	Teaching of the Holy Quran -II	1(1-0)
Semester 4		
CSI-422	Computer Programming	3(2-1)
ECO-408	Fundamental Economics	2(2-0)
MET-404	Fluid Mechanics & Hydraulic Machinery	3(2-1)
MET-406	Strength of Materials	3(2-1)
MET-408	Manufacturing Technology	3(2-1)
MET-402	Design of Machine Element	2(2-0)
BAM-422	Entrepreneurship	2(2-0)
Semester 5		
MET-501	Computer Aided drafting & Modeling	2(0-2)
MET-503	HVAC Technology	3(2-1)
MET-505	Total Quality Management	3(2-1)
MET-507	IC Engine Operation	3(2-1)
MET-511	Industrial Maintenance & Safety	3(2-1)
MET-509	Project Part-I	3(0-3)
*THQ-III	Teaching of the Holy Quran -III	1(1–0)
Semester 6		
MET-502	Mechanical Vibration	3(2-1)
MET-504	Heat and Mass Flow Processes	3(2-1)
MET-506	Instrumentation Technology	2(1-1)
MET-508	Energy & Power technologies	3(2-1)
BAM-677	Project Management	3(3-0)
MET-510	Project Part-II	3(0-3)
*THQ-IV	Teaching of the Holy Quran -IV	1(1–0)
Semester 7		
MET-631	Supervised Industrial	16(0-16)
Semester 8		
MET-632	Supervised Industrial	16(0-16)
Note: * Audit Couse		



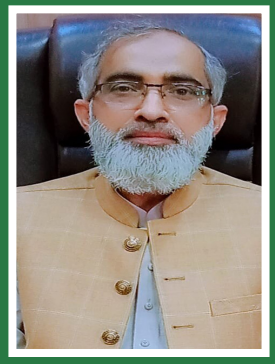




Faculty of

Islamic & Oriental Learning

1. Colloge of Oriental Languages
    i) Department of Arabic
    ii) Department of Persian
    iii) Department of Punjabi
2. Department of Islamic Studies
3. Department of Urdu
4. Iqbal Chair
5. Rahmatul-lil-Alameen Chair



Prof. Dr. Humayun Abbas

Dean
Ph: 041-9201202
Email: drhumayunabbas@gcuf.edu.pk

Prof. Dr. Humayun Abbas did his PhD from Baha-udDin Zakaraya University Multan, in 2002. He was Post Doc Fellow in University of Glasgow, UK in 2007, won a National Award by the Govt. of Pakistan on writing of the best book of Seerah entitled “Social Welfare in the Teachings of the Holy Prophet (PBUH)”, Member of Islamic Research Council Lahore & Markaz-eTaqeeq Faisalabad. Started his professional Career in 2000 from Mohy -ud -Din University, Azad Kashmir then served to G. C University, Lahore and since 2011 has been serving to G. C. University, Faisalabad, Author of many books and research articles, supervised many PhD and MPhil theses, Since his joining to GCUF, has given boost to the departmental activities, organized conferences and seminars at national and International level. He also worked for the establishment of Seerat Chair and Tasawwuf Study Centre in GCUF

College of Oriental Languages

Departments

1. Department of Arabic
2. Department of Persian
3. Department of Punjabi

Principal: Dr.

Department of Arabic

Phone: 041-9201478
Email: arabic@gcuf.edu.pk
iftikharahmadkhan@gcuf.edu.pk



Programs Offered

1. BS Arabic
2. BS Bridging Arabic
3. MPhil Arabic
4. PhD Arabic

Incharge: Dr. Iftikhar Ahmad Khan



Vision

Department of Arabic aims to prepare specialists in the field of Arabic Language,Literature and Translation Studies to fulfill the contemporary linguistic, cultural, social, economic and religious requirements.

Mission

The Department of Arabic offers quality education to its students. It is committed to enhancing their knowledge, fostering their Islamic values and training them on scientific thinking skills and research methods. It imparts academic excellence and attracts students and researchers from around the world. The Department provides its students competencies in the field of teaching and learning Arabic Language for non-native speakers. The Department keeps its academic and research Programs in line with contemporary requirements. Arabic language is used as a medium for cultural, academic and educational interaction.

Introduction

The Department was established in1976 by the distinguished scholar Prof. Dr. Muhammad Ishaq Qureshi. It is worth mentioning that this is one of the oldest Departments of the University. Teaching of MA Arabic was started in 1986 and MPhil Arabic was launched in 2002 and PhD Arabic in 2005. Besides indigenous students, several scholars have obtained their M. Phil and PhD degrees from the Department. In addition to the Department is committed to the promotion of research activities by conducting national and international conferences, seminars and workshops. The teaching staff focuses on modern functional Arabic language. It is possible to strengthen Oriental and local languages to bring them closer to one another on the basis of Arabic grammar vocabulary and Literature.

Objectives

The major objective of the Department is to help the student achieve high levels of proficiency in modern Arabic Language.
The Department offers numerous enlightening courses such as Modern Muslim World, Contemporary Linguistic Issues, Arabic Electronic and Print Media to build a strong foundation of language proficiency and cultural understanding of different fields including literature, linguistics, art, history and religion.
We believe we can make the Arabic language interesting for our students, and enable them to communicate with the community around them in Arabic World. Reading, writing, speaking, and listening are core issues for appropriate communication. We aim to develop the students' potential to use their literary skills effectively.
Arabic is considered one of the oldest languages in the world with a wealth of knowledge.Today Arabic is the official Language of 26 countries and is spoken by 280 million people worldwide. Arabic Language is one of the six UN official Languages: China, French, English Arabic, Spanish, and Russian. The Department aims to produce such scholars as would be able to render their services internationally in various fields.

Faculty

Dr. Iftikhar Ahmad Khan
Incharge/ Assistant Professor
PhD (PU, Lahore)
Specialization: Arabic Literature in Sub-continent, Editing the Manuscripts and Literary History

Dr. Ghulam Ahmad
Assistant Professor
PhD (GCUF - Pakistan)
Specialization: Literary Criticism

Qaria Rashida Khanum
Lecturer
M.Phil Arabic (GCUF - Pakistan)
Specialization: Modern Arabic literature

Dr. Mufti Muhammad Saleem
Research Officer / Khateeb
Phd. (GCUF-Pakistan)
Specialization: Linguistics

Scheme of Studies BS Arabic

Semester 1		
ENG-321	Functional English	3(3-0)
ISL-321	Islamic Studies* (OR) Religious Education / Ethics	2(2-0)
ICT-321	Applications of Information and Communication Technologies (ICT)	3(2-1)
PER-321 IRS-301	Introduction to Persian language and literature (**OR**) Introduction to International Relation	3(3-0)
ARB-321	Functional Arabic-I	3(3-0)
ARB-323	Basics of Arabic Language	3(3-0)
*THQ-I	Teaching of the Holy Quran –I	1(1-0)
Semester 2		
EDU-324	Introduction to Education	2(2-0)
PSY-310	Basics of Psychology	2(2-0)
QTR-421	Quantitative Reasoning (QR1)	3(3-0)
WSC-321	What is Science	3(3-0)
ARB-322	Functional Arabic-II	3(3-0)
ARB-324	Phonetics	3(3-0)
Semester 3		
ENG-322	Expository Writing	3(3-0)
QTR-422	Quantitative Reasoning-(QRII)	3(3-0)
ICP-321	Ideology and Constitution of Pakistan	2(2-0)
URD-322	Introduction to Urdu Language and literature	3(3-0)
ARB-403	Basics of Arabic Literature	3(3-0)
ARB-405	Fiction	3(3-0)
*THQ-II	Teaching of The Holy Quran -II	1(1–0)

Semester 4		
BMA-422	Entrepreneurship	2(2-0)
CCE-421	Civics and Community Engagement	2(2-0)
MCM-301 / POL-301	Introduction to Mass Communication (OR) Introduction to Political Science	3(3-0)
PST-321	Pakistan Studies	2(2-0)
ISL-302 / PUN-310	Sources of Seerah / Introduction to Punjabi	3(3-0)
ARB-426	Basics of Research Methodology and Editing	3(3-0)
ARB-428	Study of Short Stories	3(3-0)
Semester 5		
ARB-551	Applied Morphology	3(3-0)
ARB-553	Written and spoken Arabic	3(3-0)
ARB-555	Literary History of Arabs-I	3(3-0)
ARB-557	Arabic Prose-I(Ancient)	3(3-0)
ARB-559	Islamic and Literary Sources	3(3-0)
ARB-561	Arabic poetry-I	3(3-0)
*THQ-III	Teaching of the Holy Quran - III	1(1-0)
Semester 6		
ARB-552	Applied Syntax	3(3-0)
ARB-556	Literary History of Arabs-II	3(3-0)
ARB-558	Arabic Prose-II	3(3-0)
ARB-560	Principles of Translation	3(3-0)
ARB-562	Arabic Poetry-II	3(3-0)
ARB-564	Basics of Prosody	3(3-0)
Semester 7		
ARB-651	Literary Study of Al-Quran	3(3-0)
ARB-653	Basics of Arabic Rhetoric	3(3-0)
ARB-655	Study of Electronic and Print Media	3(3-0)
ARB-657	Study of Arabian World & Its Culture	3(3-0)
ARB-659	Arabic Literature of Andalusia& Migrants	3(3-0)
CAP-630	Thesis/Project(Capstone Project)	3(3-0)
THQ-IV	Teaching of the Holy Quran - IV	1(1-0)
Semester 8		
ARB-652	Literary Study of Al-Hadith	3(3-0)
ARB-654	Contemporary Arabic Literature	3(3-0)
ARB-656	History of Literary Criticism	3(3-0)
ARB-658 / ARB-660	Arabic Literature in Sub-Continent / Linguistics	3(3-0)
INT-631	Internship	3(3-0)

Deficiency Courses For Bridging Semester

ARB-321	Functional Arabic-I	3(3-0)
ARB-323	Basics of Arabic Language	3(3-0)
ARB-322	Functional Arabic-II	3(3-0)
ARB-324	Phonetics	3(3-0)

ARB-403	Basics of Arabic Literature	3(3-0)
ARB-405	Fiction	3(3-0)

MPhil / PhD Arabic

ARB-701	Methodology of research and Editing	3(3-0)
ARB-702	Art of Translation	3(3-0)
ARB-703	Comparative Literature	3(3-0)
ARB-704	Arabic Rhetoric-I	3(3-0)
ARB-705	Literary Criticism(Ancient & Modern)	3(3-0)
ARB-706	Arabic Legacy in Pakistan	3(3-0)
ARB-707	Study of Primary Sources of Arabic Literature	3(3-0)
ARB-708	Methods of Literary study	3(3-0)
ARB-709	Syntax Schools of Thoughts	3(3-0)
ARB-710	Prosody	3(3-0)
ARB-712	Applied Criticism	3(3-0)
ARB-731	Phonetics	3(3-0)
ARB-732	Contemporary Arabic Literature	3(3-0)
ARB-733	Arabic Media	3(3-0)
ARB-734	New Trends in Arabic Literature	3(3-0)
ARB-735	Area Study	3(3-0)
ARB-736	Arabic Rhetoric-II	3(3-0)
ARB-737	Contemporary critical School of Thought	3(3-0)
ARB-738	Contemporary Lingual Issues	3(3-0)
ARB-739	Methodology and Thesis writing Language	3(3-0)
ARB-740	Lingual school of Thoughts	3(3-0)
ARB-742	Advance Rhetoric	3(3-0)
Mandatory Requirements Mphil		
ARB-728	Seminar General	1(0-1)
ARB-729	Seminar Research	1(0-1)
ARB-730	Thesis	6(0-6)
Mandatory Requirements PhD		
ARB-758	Seminar General	1(0-1)
ARB-759	Seminar Research	1(0-1)
ARB-760	Thesis	









Department of Persian

Phone: 041-9200672
Email: persian@gcuf.edu.pk



Programs Offered

1. BS Persian
2. BS Bridging Persian (2 Year program)
3. MPhil Persian
4. Certificate in Persian Language
5. Deploma in Persian Language

Incharge: Dr. Sami Ullah



Vision

To promote Persian language and literature that can act as a bridge between the regions with common geographical, cultural and lingual ties.

Mission

To define new directions of research to implement various forms of learning by providing best quality and goal oriented education that will help and encourage the students to build up their professional skills and guide them to find the best opportunities to work as researchers, translators, interpreters and teachers.

Introduction

Persian is spoken by 120 million people not just in Iran, but also in Afghanistan and Central Asia. Learning Persian language is not only a source of developing our relations with Iran, Afghanistan, Tajikistan and other Persian regional countries but also helps in complete understanding Urdu language, literature and Allama Iqbal's poetry. In addition, a great treasure of religious books is in Persian language and many other have been translated in Persian language. These books are an authority in religious and religious teachings too. The department of Persian is newly established in GCUF with a view to provide facilities for advanced studies and research in the fields of Persian language and literature with particular emphasis on the literature produced in the Indo-Pak subcontinent during the last nine centuries, and to familiarize the younger generation of this country with the history, language and literature of Iran. Students of this Department continue to enter a variety of vocational fields, some of which are CSS, Advertising, Media, Banking, Business, Translation / Interpreting, Teaching, Educational Administration & Research, News agencies, Foreign Ministry, Central Asia Trading etc.

Faculty

Dr. Sami Ullah
Assistant Professor / Incharge
PhD Persian (Tehran)
Specialization: Critical Editing, Prose, Translation.

Scheme of Studies BS Persian

Semester 1		
ENG-321	Functional English	3(3-0)
ISL-321	Islamic Studies (OR) Religious Education / Ethics	2(2-0)
ICT-321	Applications of Information and Communication Technologies (ICT)	3(2-1)
URD-323	Introduction to Urdu Language	3(3-0)
PER-301	Persian Grammar and Rhetoric	3(3-0)
PER-303	Introduction to Persian Prose (Text)	3(3-0)
*THQ-I	Teaching of Holy Quran-I	1(1-0)
Semester 2		
EDU-324	Introduction to Education	2(2-0)

PSY-310	Basics of Psychology	2(2-0)
QTR-421	Quantitative Reasoning (QR1)	3(3-0)
WSC-321	What is Science	3(3-0)
PER-302	Iranology	3(3-0)
PER-304	Introduction to Persian Poetry (Text)	3(3-0)
Semester 3		
ENG-322	Expository Writing	3(3-0)
QTR-422	Quantitative Reasoning-(QRII)	3(3-0)
ICP-321	Ideology and Constitution of Pakistan	2(2-0)
PER-401	Sabk Shanasi	3(3-0)
PER-403	Special Study of Kashf-ul-Mahjub	3(3-0)
ARB-321	Functional Arabic	3(3-0)
*THQ-II	Teaching of Holy Quran-II	1(1-0)
Semester 4		
BMA-422	Entrepreneurship	2(2-0)
CCE-421	Civics and Community Engagement	2(2-0)
PUN-310	Introduction to Punjabi Language and Literature	3(3-0)
PST-321	Pakistan Studies	2(2-0)
PER-402	Persian Literature in Punjab	3(3-0)
PER-404	Special Study of Golestan	3(3-0)
IRS-301 / ISL-302	Introduction to International Relations / Sources of Seerah	3(3-0)
Semester 5		
PER-501	Persian Grammar I	3(3-0)
PER-503	Literary History of Persian in Iran	3(3-0)
PER-505	Classical Persian Prose I	3(3-0)
PER-507	Classical Persian Poetry I	3(3-0)
PER-509	Iqbal Studies I	3(3-0)
PER-511	Modern Persian Poetry in Pakistan	3(3-0)
*THQ-III	Teaching of Holy Quran-III	1(1–0)
Semester 6		
PER-502	Persian Grammar II	3(3-0)
PER-504	Literary History of Persian in Subcontinent	3(3-0)
PER-506	Classical Persian Prose II	3(3-0)
PER-508	Classical Persian Poetry II	3(3-0)
PER-510	Iqbal Studies II	3(3-0)
PER-512	Persian Literary Sources	3(3-0)

Semester 7		
PER-601	Spoken Persian and Translation I	3(3-0)
PER-603	Persian Mystic Literature (Prose)	3(3-0)
PER-605	Contemporary Persian Prose	3(3-0)
PER-607	Rhetoric and Prosody	3(3-0)
PER-609	Reference Studies and Research Mythology	3(3-0)
CAP-630	Thesis/Project(Capstone Project)	3(3-0)
*THQ-IV	Teaching of Holy Quran-IV	1(1-0)
Semester 8		
PER-602	Spoken Persian and Translation II	3(3-0)
PER-604	Persian Mystic Literature (Poetry)	3(3-0)
PER-606	Contemporary Persian Poetry	3(3-0)
PER-608	Persian Literary Criticism	3(3-0)
PER-610	Persian Manuscript Studies	3(3-0)
INT-631	Internship	3(3-0)

Deficiency Courses For Bridging Semester

PER-301	Persian Grammar and Rhetoric	3(3-0)
PER-303	Introduction to Persian Prose (Text)	3(3-0)
PER-302	Iranology	3(3-0)
PER-304	Introduction to Persian Poetry (Text)	3(3-0)
PER-401	Sabak Shanasi	3(3-0)
PER-402	Persian Literature in Punjab	3(3-0)

MPhil Persian

PER-711	Literary History of Persia	3(3-0)
PER-712	Classical & Modern Prose	3(3-0)
PER-713	Iqbaliyat	3(3-0)
PER-714	Research Methodology	3(3-0)
PER-715	Rhetoric, Translation & Spoken Persian	3(3-0)
PER-716	Historiography	3(3-0)
PER-721	Literary History of Sub-Continent	3(3-0)
PER-722	Classical & Modern Poetry	3(3-0)
PER-723	Persian Literary Criticism	3(3-0)
PER-724	Mysticism	3(3-0)
PER-725	Iranology	3(3-0)
PER-726	Linguistics	3(3-0)

Mandatory Requirements for MPhil		
PER-728	Seminar (General)	1(0-1)
PER-729	Seminar (Research)	1(0-1)
PER-730	Thesis (Research work)	6(0-6)

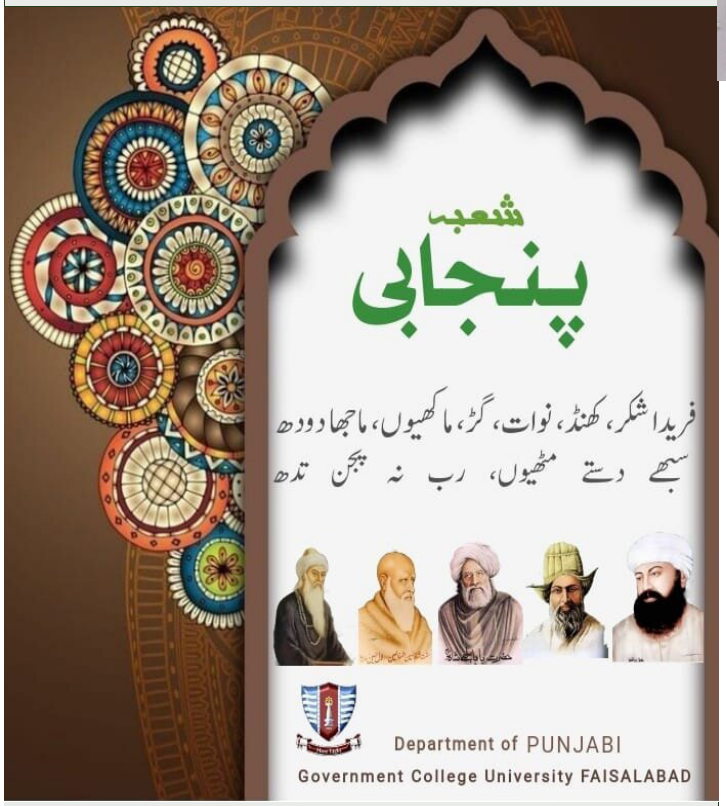






Department of Punjabi

Phone: 041-9200672
Email: punjabi@gcuf.edu.pk



Programs Offered

1. BS Punjabi
2. BS Bridging Punjabi (2 Year program)
3. M.Phil Punjabi

Incharge: Dr. Asma Ghulam Rasool



Vision

Our vision is to establish Punjabi Language, Literature and history as one of the oldest and richest literatures of the world favorably comparative with the literatures in other languages.

Mission

The mission of the department of Punjabi is to promote Punjabi language and literature and highlight its rich history and diversity. Punjabi is a language of Sufis which imbibes the culture and values of its people. The department aspires to restore the Punjabi language and literature to its rightful place in academia and society.

Introduction

Punjabi is the language of millions of people of Punjab and a means of communication through which they perform and execute the business of their daily life. For centuries Punjabi has been a medium of expression of the saints and other great poets of this region. Therefore the structure of the Punjabi classical poetry is erected on the foundations of mysticism and high moral values. The great mystics like Baba Fareed Gunj Shakkar, Shah Hussain, Sultan Bahoo, Syed Bulhey Shah, Ali Haider, Syed Hashmin Shah, Syed Waris Shah, Maulvi Ghulam Rasool, Mian Muhammad Bukhsh and Khwaja Ghulam Fareed presentd their striking ideas in Punjabi poetic form for the worldly as well as the religious guidance of the people. Punjabi language does not only reflect the realities and attitudes of life but is also a great source of social, cultural and historical identity.

Faculty

Dr. Asma Ghulam Rasool
Assistant Professor / Incharge
PhD
Specialization:Prose & Poetry

Dr. Fayyaz Hussain
Assistant Professor
PhD
Specialization:Prose & Poetry

Dr. Sobia Aslam
Assistant Professor
Ph.D
Specialization: Prose& Poetry

Scheme of Studies BS Punjabi

Semester 1		
ENG-321	Functional English	3(3-0)
ISL-321	Islamic Studies (OR) Religious Education / Ethics	2(2-0)
ICT-321	Applications of Information and Communication Technologies (ICT)	3(2-1)
PER-321	Introduction to Persian Language and literature	3(3-0)
PUN-301	Punjabi Imla tay Grammar	3(3-0)
PUN-303	Punjabi Lehjay	3(3-0)
+THQ-I	Teaching of The Holy Quran -I	1(1–0)

Semester 2		
EDU-324	Introduction to Education	2(2-0)
PSY-310	Basics of Psychology	2(2-0)
QTR-421	Quantitative Reasoning (QR1)	3(3-0)
WSC-321	What is Science	3(3-0)
PUN-302	Qomi tay Mili Adab	3(3-0)
PUN-304	Sandal Bar da Sheeri Adab	3(3-0)
Semester 3		
ENG-322	Expository Writing	3(3-0)
QTR-422	Quantitative Reasoning-(QRII)	3(3-0)
ICP-321	Ideology and Constitution of Pakistan	2(2-0)
PUN-401	Jadeed Punjabi Shaieri	3(3-0)
PUN-403	Sandal Bar da Nasri Adab	3(3-0)
ARB-321	Functional Arabic	3(3-0)
+THQ-II	Teaching of The Holy Quran -II	1(1–0)
Semester 4		
BMA-422	Entrepreneurship	2(2-0)
CCE-421	Civics and Community Engagement	2(2-0)
URD-323	Urdu Zuban Ka Taroof	3(3-0)
PST-321	Pakistan Studies	2(2-0)
PUN-402	Jadeed Nasri Adab	3(3-0)
PUN-404	Punjabi Grammar	3(3-0)
ISl-302/ IRS-301	Sources of Seerah/Introduction to International Relations	3(3-0)
Semester 5		
PUN-501	Sheri Adbi Sinfan	3(3-0)
PUN-503	Khasosi Mutalia Waris Shah	3(3-0)
PUN-505	Nazri Tanqeed	3(3-0)
PUN-507	Classici Shairy	3(3-0)
PUN-509	Dastani Adab	3(3-0)
PUN-511	Punjabi da Deeni tey Seerti Adab	3(3-0)
+THQ-III	Teaching of The Holy Quran -III	1(1–0)
Semester 6		
PUN-502	Fun e Tarjma	3(3-0)
PUN-504	Gurmukhi: Perhai Likhai	3(3-0)
PUN-506	Punjabi Adab di Tareekh (I)	3(3-0)
PUN-508	Qadeem Punjabi Nasar	3(3-0)
PUN-510	Amli Tanqeed	3(3-0)
PUN-512	Nasri Adbi Sinfan	3(3-0)
Semester 7		
PUN-601	War, Jang Nama Tay Marsia	3(3-0)
PUN-603	Asool Tahqeeq	3(3-0)
PUN-605	Punjabi Lissaniat	3(3-0)
PUN-607	Lok Geet	3(3-0)
PUN-609	Punjabi Adab di Tareekh (II)	3(3-0)
CAP-630	Thesis/Project(Capstone Project)	3(3-0)
+THQ-IV	Teaching of The Holy Quran -IV	1(1–0)
Semester 8		
PUN-602	Punjabi Lughat Navesi	3(3-0)
PUN-604	Pakistani Zabana da Adab	3(3-0)
PUN-606	Punjabi Sahafat	3(3-0)
PUN-608	Hath Likhat tey Rasmul Khat	3(3-0)
PUN-610	Hindustan da Punjabi Adab	3(3-0)
INT-631	Internship	3(3-0)

Deficiency Courses For Bridging Semester

PUN-301	Punjabi Imla tay Grammar	3(3-0)
PUN-303	Punjabi Lehjay	3(3-0)
PUN-302	Qomi tay Mili Adab	3(3-0)
PUN-304	Sandal Bar da Sheeri Adab	3(3-0)
PUN-401	Jadeed Punjabi Shaieri	3(3-0)
PUN-403	Samdal Bar da Nasri Adab	3(3-0)

MPhil Punjabi

PUN-701	Tehqiq dey asool tey soomay	3(3-0)
Pun-702	Sodhkari tey Ehday Asool	3(3-0)
PUN-703	Faarsi Grammer tey Zuban	3(3-0)
PUN-704	Hath Likhat,Rasmulkhat,Gurmukhi	3(3-0)
PUN-705	Punjabi Zuban di Grammer tay jarran	3(3-0)
PUN-706	Punjabi Lisaniat/Punjabi Sotiat	3(3-0)
PUN-707	Punjabi wich Tanqeed	3(3-0)
PUN-708	Punjabi Adab wich Tarjumay di rawaiat	3(3-0)
Mandatory Requirement for MPhil		
PUN-728	Seminar Genral	1(0-1)
PUN-729	Seminar Research	1(0-1)
PUN-730	Tehqiqi Maqala	6(0-6)







Department of Islamic Studies

Phone: 041-9201559

Email: islamic.st@gcuf.edu.pk



Programs Offered

1. BS Islamic Studies (Morning + Replica)
2. BS Islamic Studies (Bridging)
3. MPhil Islamic Studies
4. PhD Islamic Studies

Chairman: Prof. Dr. Yasir Arfat



Vision

To deliver an advanced knowledge and understanding of classical and modern Islamic religious thoughts in order to promote Islamic values among the students and to develop the capacity of the scholars to respond the contemporary challenges according to Islamic teachings. It is also aimed to restore the full meaning of education by offering an opportunity to study, comprehensively and critically, the syllabus of a classical education in the Islamic sciences sensitively adapted for our time.

Mission

The aims of the programs offered in the Islamic Studies are:

- To present Islam as manifested in the Holy Quran and Sunnah.
- To engage students in exploring primary texts, history, global Muslim communities and the regional issues of the Islamic world.
- To provide the closer look at the various histories of Islam in places such as the middle east, Africa, south Asia and Europe.
- To promote the skills to perform the duties in legislation, research, management, teaching and Islamic Banking.
- To promote the tolerance, brotherhood, unity among the Muslim Ummah, moderation, broad-mindedness love with mortal and other Islamic values, through academic activities.
- To enable graduates to achieve high-level professional objectives and assume leadership roles by acquiring up-to-date knowledge and advanced skills
- To enable students to develop critical thinking skills, and impart to them the values of lifelong learning

Introduction

The Department of Islamic Studies is one of the foremost academic components of Government College University, Faisalabad. The subject of Islamic Studies was introduced in the 1955-56 academic year with the name “Deeniyat”. Mr. M. Abdullah Kamil and Prof. Iftikhar Ahmad Chishti played an important role as pioneer teachers of the department. Later on, the Department of Islamic Studies was established in 1985, where leading academicians served the department. The alumni of this department have been serving in various institutions in the country and abroad. Presently, the department is offering four programs in Islamic Studies, including BS, MPhil, and PhD. A research journal titled “Zia-e-Tahqeeq” (HEC Recognized) has also been launched for quality research. Furthermore, the “Rahmatul-lil-Alameen Chair” for studying Seerah and the “Tasawwuf Study Center” have been established in the department for promoting moral values, harmony, and peace in society. The department has organized many national and international conferences and workshops on various topics, including Quranic Studies, Hadith and Seerah Studies, Interfaith Dialogue and harmony, Sufism, and Muslim culture and history.

Faculty

Dr. Yasir Arfat
Associate Professor / Chairperson
PhD (PU-Pakistan)
Specialization: Islam and Orientalizm, History of Muslims

Prof. Dr. Humayun Abbas
Professor
Ph.D Islamic Studies (B.Z.U - Pakistan)
Post Doc (Glasgow, U.K)
Specialization: Tafseer, Hadith &Seerah, Tasawwuf

Dr. Muhammad Hamid Raza
Assistant Professor
PhD (PU-Pakistan)
Specialization: Study of Religions

Dr. Mahmood Ahmad Abdullah
Assistant Professor
PhD (PU-Pakistan), Post Doctorate (University Of Oxford, UK)
Specialization: Qur'anic & Hadith Studies, Arabic Language

Dr. Hafiz Hamid Hammad
Assistant Professor
PhD (PU-Pakistan)
Specialization: Fiqh, Usool-ul-Fiqh, Islamic Economics

Dr. Zia-ur-Rehman Zia
Assistant Professor (OPS)
PhD (PU-Pakistan)
Specialization: Comparative Religion, Sociology of Religion

Dr. Sobia Nosheen
Assistant Professor (OPS)
MPhil (B.Z.U-Pakistan)
Specialization: Women Studies

Dr. Saima Ashraf
Assistant Professor (OPS)
PhD (GCUF-Pakistan)
Specialization: Uloom-ul-Quran &Seerah

Dr. Hafiz Muhammad Asghar
Assistant Professor (OPS)
PhD (GCUF-Pakistan)
Specialization: Seerah , Arabic Language & Literature

Muhammad Usman Siddique
Lecturer
MPhil (GCUF-Pakistan)
Specialization: Hadith

Asma Aslam
Lecturer
MPhill (GCUF-Pakistan)
Specialization: Islamic history

Nazia Nawaz
Lecturer
MPhil (GCUF-Pakistan)
Specialization: Comparative Studies

Dr. Saba Noor
Research Officer
PhD (GCUF-Pakistan)
Specialization: Islamic Economics

Scheme of Studies
BS Islamic Studies

Semester 1		
ISL-311	Seerah of the Holy Prophet (PBUH)	3(3-0)
ARB-313	Arabic Language-I	3(3-0)
ENG-321	Functional English	3(3-0)
ICT-321	Application of Information and Communication Technologies	3(2-1)
ICP-321	Ideology and Constitution of Pakistan	2(2-0)
WSC-321	What is Science (Natural Science)	3(2-1)
*THQ-I	Teaching of The Holy Quran -I	1(1–0)
Semester 2		
HND-301	Fundamentals of Human Nutrition	3(3-0)
ISL-312	Textual Study of the Holy Quran-I	3(3-0)
ARB-314	Arabic Language-II	3(3-0)
HET-441	Religious Heritage in Pakistan and Tourism	3(3-0)
PER-321	Persian Language and Literature	3(3-0)
ENG-322	Expository writing	3(3-0)
Semester 3		
ISL-411	Muslim History and Culture-I	3(3-0)
ISL-316	Textual Study of Hadith-I	3(3-0)
ISL-321	Islamic Studies / ISL-322 Ethics (For Non Muslims Only)	2(2-0)
QTR-421	Quantitative Reasoning	3(3-0)
CCE-421	Civics and Community Engagement	2(2-0)
ETN-422	Entrepreneurship	2(2-0)
URD-602	Iqbal ka khasoosi mutalia	3(3-0)
*THQ-II	Teaching of The Holy Quran -II	1(1–0)
Semester 4		
PSY-321	Introduction to Psychology	2(2-0)
ISL-316	Modern Islamic world: Resources and Problems	3(3-0)
ISL-412	Textual Study of the Holy Quran-II	3(3-0)
ISL-414	Muslim History and Culture-II	3(3-0)
Law-301	Introduction to Law	2(2-0)
POL-422	Introduction to International Relations	2(2-0)
QTR-422	Quantitative Reasoning	3(3-0)
Semester 5		
ARB-416	Advanced Arabic Language	3(3-0)
ISL-511	Tafsir: History and principles	3(3-0)
ISL-515	Islamic Fiqh-I	3(3-0)
ISL-517	Islam and Modern Social Thoughts	2(2-0)
ISL-519	Study of Religions-I	3(3-0)
ISL-521	Islam and Modern Economic Thoughts	2(2-0)
*THQ-III	Teaching of The Holy Quran -III	1(1–0)
Semester 6		
ISL-512	The Sciences of Quran	3(3-0)
ISL-514	Textual Study of Hadith-II	3(3-0)
ISL-516	Islamic Fiqh-II	3(3-0)
ISL-518	Study of Religions-II	3(3-0)
ISL-520	Methodology of Research in Islamic Studies	3(3-0)
ISL-522	Islam and Modern Political Thoughts	2(2-0)
Semester 7		
ISL-612	Hadith: History and Principles	3(3-0)
ISL-613	Fiqh: History and Principles	3(3-0)
ISL-615	Akhlaq-o-Tasawwuf	3(3-0)
ISL-617	Philosophy and Ilm-ul-Kalam	3(3-0)
CAP-630	Capstone Project	3(0-3)

*THQ-IV	Teaching of The Holy Quran -IV	1(1–0)
Semester 8		
ISL-611	The Sciences of Hadith	3(3-0)
ISL-614	Islamic Fiqh-III	3(3-0)
ISL-616	Ethics of Disagreement	3(3-0)
ISL-619	Al-Dawah-wal-Irshad	3(3-0)
CAP-631	Internship	3(0-3)
*Audit Course		

Deficiency Courses For Bridging Semester

This Scheme from 5th semester is also valid for BS-5th(Bridging), 4 Semesters Program.) Deficiency courses for the students enrolled in this BS-5th (Bridging) program are herewith		
ARB-313	Arabic Language-I	3(3-0)
ISL-314	Textual Study of Hadith-I	3(3-0)
ISL-411	Muslims History-I	3(3-0)
ISL-311	Seerah of the Holy Prophet	3(3-0)
ISL-412	Textual Study of Quran-I	3(3-0)
ISL-461	Textual Study of Quran-II	3(3-0)

MPhil / PhD Islamic Studies

Core Courses		
*ISL-701	Principles of research and editing	3(3-0)
*ISL-702	Methodological Principles and Foundations of Islamic Studies	3(3-0)
*ISL-703	Quranic Studies	3(3-0)
*ISL-704	Hadith Studies	3(3-0)
*ISL-705	Seerah Writing	3(3-0)
*ISL-706	Sources of Islamic Studies	3(3-0)
*ISL-707	Islam and Oriental Research	3(3-0)
*ISL-708	Contemporary Ijtihadi Institutions	3(3-0)
*ISL-709	Muslim Thought of Sub-Continent	3(3-0)
*ISL-710	Tasawwuf Studies	3(3-0)
*ISL-711	Studies of Religious Literature	3(3-0)
ISL-713	Research Methods of Social Sciences	3(3-0)
ISL-714	Orientalism and Occidentalism	3(3-0)
ISL-715	Tafsir Methodology	3(3-0)
ISL-716	Methods of Hadith Compilation	3(3-0)
ISL-717	Methods of SeerahWriting	3(3-0)
ISL-718	Research Methods, its Scope and Introduction to the topic of Research	3(3-0)
ISL-719	Methods of Ijtihad	3(3-0)
ISL-721	Methods of Tasawwuf	3(3-0)
ISL-722	Islam and Contemporary Civilization and Thoughts	3(3-0)
Mandatory Requirements Mphil		
ISL-728	Seminar (General)	1(0-1)
ISL-729	Seminar (Research)	1(0-1)
ISL-730	Thesis	6(0-6)
Mandatory Requirements PhD		
ISL-758	Seminar (General)	1(0-1)
ISL-759	Seminar (Research)	1(0-1)
ISL-760	Thesis	
* These courses are offered in M.Phil Program.		













Department of Urdu

Phone: 041-9200672
Email: urdu@gcuf.edu.pk



Programs Offered

1. BS Urdu
2. MPhil Urdu
3. PhD Urdu

ChairPerson: Dr. Rabia Sarfraz



Vision

The Department of Urdu has greatly contributed in the promotion and development of Urdu language and literature since its birth in 1963. The Department started M.Phil and Ph.D Programmers in 2004 and 2009 respectively.

Mission

Urdu language has become a craze all over the world and it has connected us with the literary tradition and great works of cross cultural literary studies plus new critical theories, prevalent in the modern literature. This vision of the Department is being worked upon by implementing that frame of policies guide us to this direction.

Introduction

The Department of Urdu was established in 1963 at post graduate level and very illuminating teacher Mr. Manzoor Hussain Shor became its first chairman and academic leader. After attaining the status of University, Professor Ishfaq Hussain Bukhari became the first Chairman of the department of Urdu. The Department introduced its M.Phil program in addition to its regular master program. The M.Phil program was started on 2004 and Ph.D program on 2009.

The Department of Urdu started B.S four year program in 2010. The Department has designed various new courses like, Computer Literacy, Translation, Communication Skills, Script Writing, and Diploma of Official Urdu. The Department is making every effort to encourage and nourish creative talent as well as research aptitude of students.

The Department of urdu is publishing a biannual Research Journal "Zaban-o-Adab" which is approved by HEC from 2005. This biannual literary magazine reflects also its endeavor to develop creative talents of youth. The Department of Urdu is also publishing a monthly newsletter entitled "Nawa-e-Urdu". Two literary platforms Qalam Qirtas and Naqd-o-Nazar are formed for the development of urdu literature.

Detail of National & International Conferences/Seminars held under Department of Urdu is as under:

1- Three Days International Urdu Conference "Urdu Tehqiq-o-Tanqeed: Aalmi Tanazur Mein" on 29th to 31st August 2006.
2- One Day International Seminar on "Qaumi Tashakhus Me Adab Aur Saqafat ka kirdar "on 7th March 2008.
3- One Day International Seminar Ghalib on 27th March 2008,
4- One Day National Seminar on Faiz Ahmed Faiz held on 16th February, 2009.
5- Two Days Faiz Ahmed Faiz International Conference on 3rd to 4th November, 2011.
6- Three Days Allama Iqbal International Conference 28th to 30th November, 2012.
7- One Day Allama Iqbal National Seminar on 27th November 2014.
8- One Day Majeed Amjad National Seminar on 11th December 2014.
9- One Day Faiz Ahmad Faiz National Seminar on 27th February 2015.
10- One Day National Seminar on New Urdu Poetry on 15th Jun 2017.
11- One Day International Seminar and Exhibition on Pak-Turk Cultural and Literary Relations on 7th May 2018
12- One day seminar titled "Feminism in Urdu literature" on Nov 2021
13- One day Seminar titled "Humanism in Allama Iqbal's poetry" on Nov 2021.
14- One day Seminar on Urdu Linguistics held on Dec 2021.
15- One day international seminar titled "Indo Pak culture and

civilization in Urdu literature" onAugust 2022
16- One day international seminar "Cultural identity of Urdu" Feb 2023.
17- One day international Seminar on titled" Literature and gander discrimination" on March 2023.
18- One day international seminar Titled " Urdu in Egypt" on June 2023.
19- One day seminar on Artificial intelligence on June 2023.
20- One day Seminar on contemporary Urdu fiction on July 2023.

Faculty

Dr. Rabia Sarfraz
Chairperson/ Associate Professor
PhD (SALU-Pakistan)
Specialization: Translation, Iqbal studies, Criticism

Dr. Saeed Ahmad
Associate Professor
PhD (GCUF-Pakistan)
Specialization: Criticism, Classical & Modern Poetry

Dr. Tariq Mehmood Hashmi
Associate Professor (TTS)
PhD(UOP-Pakistan)
Specialization: Criticism of Poetry & Modern Trends

Dr. Perveen Akhtar Kallu
Associate Professor
PhD (AIOU-Pakistan)
Specialization: Research and Fiction ranslation, Punjabi Language & Literature

Dr. Mamuna Subhani
Associate Professor
PhD (GCUF-Pakistan)
Specialization: Research & Fiction

Dr. Sumaira Akbar
Assistant Professor
PhD (GCUF-Pakistan)
Specialization: Modern Criticism & Fiction

Dr. Hafiz Abdul Aziz
Assistant Professor
PhD (GCUF-Pakistan)
Specialization: Modern Criticism, Fiction & Editing

Dr. Majid Mushtaq
Assistant Professor (OPS)
PhD (GCUF-Pakistan)
Specialization: Translation ,Fiction & Poetry

Dr. Saima Iqbal
Assistant Professor (OPS)
PhD (GCUF-Pakistan)
Specialization: Modern Criticism, Fiction & Editing

Scheme of Studies
BS Urdu

Semester 1		
ENG-321	Functional English	3(3-0)
ISL-321	Islamic Studies (OR) Religious Education / Ethics	2(2-0)
ICT-321	Applications of Information and Communication Technologies (ICT)	3(2-1)
PUN-310	Introduction to Punjabi	3(3-0)
URD-301	Genres of Urdu Literature	3(3-0)
URD-303	Urdu Grammar	3(3-0)
+THQ-I	Teaching of The Holy Quran -I	1(1–0)
Semester 2		
EDU-324	Introduction to Education	2(2-0)
PSY-310	Basics of Psychology	2(2-0)
QTR-421	Quantitative Reasoning (QR1)	3(3-0)
WSC-321	What is Science	3(3-0)
URD-302	History of Urdu Literature-I	3(3-0)
URD-304	Classical Urdu Poetry	3(3-0)
Semester 3		
ENG-322	Expository Writing	3(3-0)
QTR-422	Quantitative Reasoning-(QRII)	3(3-0)
ICP-321	Ideology and Constitution of Pakistan	2(2-0)
URD-401	History of Urdu Literature –II	3(3-0)
URD-403	Tranlasion Art & Histroy	3(3-0)
PER-321	Introduction to Persian	3(3-0)
+THQ-II	Teaching of The Holy Quran -II	1(1–0)
Semester 4		
BMA-422	Entrepreneurship	2(2-0)
CCE-421	Civics and Community Engagement	2(2-0)
ARB-321	Functional Arabic	3(3-0)
PST-321	Pakistan Studies	2(2-0)
URD-402	Rhetoric and Prosody	3(3-0)
URD-404	Muslim Culture & Civilization	3(3-0)
IRS-301	Introduction to International Relations	3(3-0)
Semester 5		
URD-501	Modern Urdu Ghazal	3(3-0)
URD-503	Literary Criticism-I (Theory and western Criticism)	3(3-0)
URD-505	Modern Urdu Poem	3(3-0)
URD-507	International Scenario of Urdu Language and Literature	3(3-0)
URD-509	Urdu Fable and Novel	3(3-0)
URD-511	Non-Fictional Prose in Urdu	3(3-0)
+THQ-III	Teaching of The Holy Quran -III	1(1–0)
Semester 6		
URD-502	Urdu Linguistics	3(3-0)
URD-504	Literary Criticism- II (Eastern Criticism)	3(3-0)
URD-506	Urdu Journalism	3(3-0)
URD-508	Feminist Study of Urdu Literature	3(3-0)
URD-510	Special Studies of Iqbal	3(3-0)
URD-512	Urdu Short Story and Drama	3(3-0)
Semester 7		
URD-601	Contemporary Poetry	3(3-0)
URD-603	Contemporary Fiction	3(3-0)
URD-605	Colonialism and Post Colonialism	3(3-0)
URD-607	World Classic	3(3-0)
URD-609	Special Study of Meer and Ghalib	3(3-0)
CAP-630	Thesis/Project(Capstone Project)	3(3-0)
+THQ-IV	Teaching of The Holy Quran -IV	1(1–0)
Semester 8		
URD-602	Modern Literary terms	3(3-0)
URD-604	Urdu Lexicography: Art and History	3(3-0)
URD-606	Stylistics of Urdu Prose	3(3-0)
URD-608	Contemporary literature in Faisalabad	3(3-0)
URD-610	Research and Compilation Methodology	3(3-0)
INT-631	Internship	3(3-0)

Deficiency Courses For Bridging Semester

URD-301	Genres of Urdu Literature	3(3-0)
URD-303	Urdu Grammar	3(3-0)
URD-302	History of Urdu Literature-I	3(3-0)
URD-403	Translation Art and History	3(3-0)
URD-402	Rhetoric and Prosody	3(3-0)
URD-304	Classical Urdu Poetry	3(3-0)

MPhil

Smester 1		
URD-701	Tahqeeq kay Aalmi Rujhanaat	3(3-0)
URD-703	Iqbaliat	3(3-0)
URD-705	Lisaniat	2(2-0)
URD-707	Tarjuma:Usool o Masail	3(3-0)
URD-729	Seminar General	1(1-0)
Smester 2		
URD-702	Moasar Aalmi Adab	3(3-0)
URD-704	Tanqeed aur Jadeed Tanqeed	3(3-0)
URD-706	Ilam e Maani Bayan o badee o Uroz	3(3-0)
URD-708	Pakistani Media:Tuaaruf o Irtqa	2(2-0)
URD-728	Seminar Research	1(1-0)
PhD Courses		

PhD Urdu

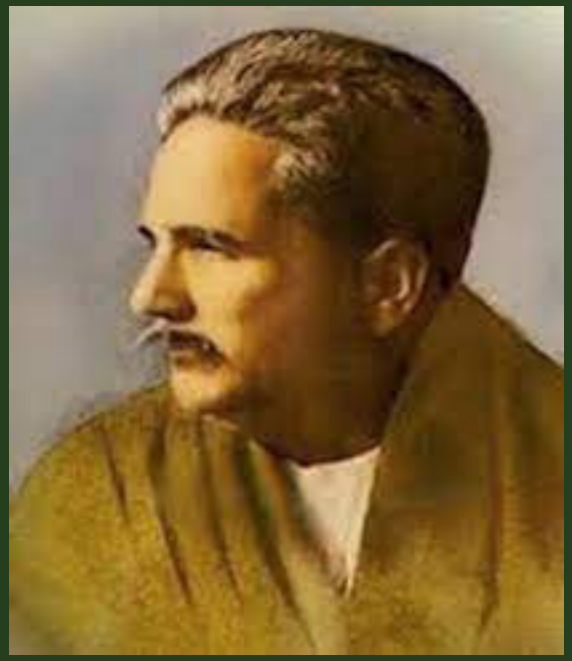
Semester 1		
URD-711	Tahqeeq kay Aalmi Rujhanaat aor Urdu mai is ka istimal	3(3-0)
URD-713	Fikri mabahis :Janoobi Asia per isky Asrat	3(3-0)
URD-715	Urdu Zaban o Adad ka Mahol:Lisani o Saqafti Mabahis	2(2-0)
URD-759	Seminnar General	1(1-0)
Semester 2		
URD-712	Tehqeeqi Mayar Kay Masail	3(3-0)
URD-714	Taqabli Tehqeeqat: Mayari Tadveen Kay Misali Namoonay	3(3-0)
URD-716	Jadeed Tanqeedi Nazriat	2(2-0)
URD-758	Seminar Research	1(1-0)



Iqbal Chair

Incharge:

"*Life moves with the weight of its own past on its back*"
(The Reconstruction of Religious Thoughts in Islam)
P. 132



Vision/ Mission

Iqbal Chair is established in the Faculty of Islamic and Oriental Learning in order to understand the spirit and philosophy of Iqbal's teaching and promote his concept of the Muslim ummah across the Muslim world.

Introduction

Allama Muhammad Iqbal was one of the most outstanding thinkers and poet-philosophers of our nation. He was not a traditional poet, singing the songs of romance, away from ground realities. He was a visionary philosopher of his epoch. His sublime poetry and philosophy inspired millions of Muslims to wake up to the reality of the time and forge a destiny for themselves. He wanted religion to be made compatible with changing times and synchronize it with science. He is also called Muffakir-e-Pakistan (The inceptor of Pakistan) and Hakeem-ul-Ummat. His vision of an independed state for Muslims of the British India was the Starting point for the creation of Pakistan. He is one of the most important figures in Urdu literature, with literary works both in Urdu and Persian Languages.

Allama Muhammad Iqbal was keenly attached to the youth. He has a lot of prayers for the youth. He thinks that the youth are the future of the nation.

جوانوں کو مری آہ سحر دے
پھر اِن شاہین بچوں کو بال و پر دے
خدایا ! آرزو مری یہی ہے
مرا نورِ بصیرت عام کر دے

Thanks God Almighty that Iqbal chair has been established in Government College University Faisalabad. All credit goes to the respected Vice Chancellor Professor Dr. Shahid Kamal who took a historic step by getting Iqbal Chair functional in the University. No doubt, the respected Vice Chancellor created History by the Splendid addition of Iqbal Chair in the University.

The main objectives of the chair are as under:

1. To promote and disseminate the study and understanding of the works and teachings of Allama Muhammad Iqbal
2. To conduct research on Iqbal's thoughts.
3. To produce specialists of Iqbal studies.
4. To promote the message of Iqbal among the youth.
5. To conduct exhibitions, conferences, seminars, and debates on the teachings of Iqbal.





Rehmatul-lil-Alameen Seerat Chair



Incharge: Prof. Dr Hamayun Abbas



Vision/ Mission

a. Providing solution to the contemporary problems of the Muslim World in the light of Seerah of the Holy Prophet PBUH
b. Uniting all the Muslims of the country on one platform according to the principles of Islamic Shari'ah

Introduction

The study of the Seerat strengthens the spirit of defending Islam and provides peace, tranquility, and contentment to the hearts of the Muslims. A thorough study of the Seerah of the Holy Prophet (PBUH) helps to understand the Holy Qur'an and the Hadith by developing deep connections with the principles of Islamic Shari'ah. A deep study of the Seerah of the Prophet (PBUH) not only provides direction about faith, shari'ah, ethics and da'wah training but also represents a perfect practical model for politics, justice, economics, moralities, and social reforms in a righteous way.

Seerat Chairs were established in general universities of Pakistan on the directions of the Federal Government during 1975-76. The Syndicate of GCUF in its 12th session held on 05-03-2014, granted permission for the establishment of Seerat Chair. Prof. Dr. Zakir Hussain directed to arrange an international Seerah Conference at GCUF and Seerat Chair was announced in this conference in the presence of Prof. Dr. Yaseen Mazhar Siddique on Oct, 2014.

Renaming the Seerat Chair

Seerat Chair was renamed as "Rahmatul-lil-Aalameen Seerat-Chair" in 23rd session of Academic Council on 01-06-2021. Prof. Dr. Shahid Kamal played a vital role to expedite the advanced researches on this platform.

Publications:

1. ڈاکٹر یسٰین مظہر صدیقی کے ''مقالاتِ سیرت'' ترتیب و تدوین: ڈاکٹر محمد ہمایوں عباس شمس
2. فہرست کتب سیرت: فخر زمان
3. مباحث سیرت تبیان القرآن کی روشنی میں: اختر حسین، ڈاکٹر محمد ہمایوں عباس شمس
4. صدر اسلام میں خواتین کی معاشی سرگرمیاں صومیہ محبوب ، ہما یوں عباس

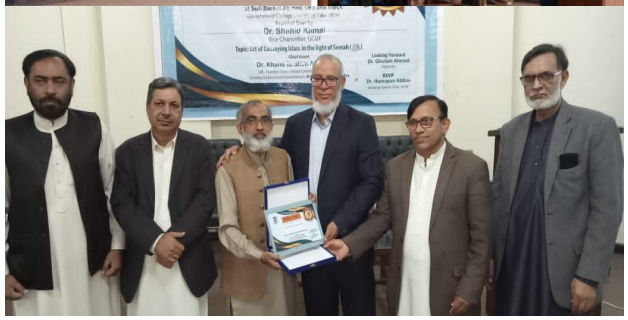
4. A special Seerat Number of Zia-e-Tahqiq (A biannual Islamic research Journal of GCUF) was issued and it was awarded by Federal Ministry of Religious Affairs.
5. A special Seerat Number of Al-Ehsan (A biannual Islamic research Journal of GCUF) was issued and it was awarded by Federal Ministry of Religious Affairs.

Prof. Dr. Humayun Abbas is an internationally renowned name in the field of Islamic Studies. He completed his Post-Doc from University of Glasgow, UK. He has been teaching, doing research and providing administrative services for more than 20 years, encompassing Quranic Sciences, Seerah Sciences, Tasawwuf and Islamic Jurisprudence. He has served as Dean, Chairperson and Professor at GCUF. He has organized many national/international research conferences and seminars. He has initiated many academic programs and two research journals Zia-e-Tahqiq and Al-Ehsan. He has authored many books and number of research articles in reputable national and international journals. His two books on the Seerah of the Holy Prophet PBUH was awarded "Seerat Award" by the President of Pakistan. He has supervised a number of research scholars at M.Phil and PhD levels, in the field of Seerah.









Faculty of
Life Sciences

1. College of Agriculture and Environmental Sciences
    i. Department of Agricultural Sciences
    i. Department of Environmental Sciences
2. Department of Biochemistry
3. Department of Bioinformatics & Biotechnology
4. Department of Botany
5. Department of Enviormental
6. Depertment of Food Science
7. Institute of Microbiology
8. Department of Physical Education and Sports Sciences
9. Department of Physiology
10. Department of Zoology



Prof. Dr. Farhat Jabeen
Dean
Ph: 041-9203006
Email: farjabeen2004@yahoo.co.in

Prof. Dr. Farhat Jabeen holds a PhD from Quaid-i-Azam University, Islamabad and two Post Doctorates from Newcastle University, UK. Dr. Jabeen is HEC approved Supervisor and awardee of INSPIRE and SPEKE projects funded by the British Council (UK) and HEC (Pak). She has several International and National Research Projects on her credit. She got Excellent Leadership Awards from Islamic Development Bank, Saudi Arabia for the years 2011 and 2015.

She has attended more than 50 International conferences in USA, UK, Egypt, Dubai, Sri Lanka, Denmark, Turkey, Ireland, Malaysia and Saudi Arabia. Dr. Jabeen published over 100 articles in high impact science journals. Dr. Jabeen is the awardee of HEC University Best Teacher Award-2016. With an academic experience of more than 22 years, she enjoys a strong research outlook with many PhD and MPhil students to her credit.

College of Agriculture and Environmental Sciences

1. Department of Agricultural Sciences
2. Department of Environmental Sciences

Principal: Prof. Dr. Shafaqat Ali
Contact: 041-9201566
Eamil: principal.caes@gcuf.edu.pk



Department of Agricultural Sciences



Chairman: Prof. Dr. Muhammad Ibrahim

Vision

Were committed to develop the professionals with interdisciplinary and multidisciplinary approach. To prepare the skilled graduates to achieve sustainable food security and to deal with climate change with the help of state-of- the art techniques is one of the major goals to achieve.

Mission

To provide the professional knowledge of agriculture as an art, science, and business that will prepare the graduates to be in frontline and fight for food security, and sustainable development. The department is committed to develop an extraordinary teaching and training environment to lead the future workforce by an updated curriculum, modern and innovative research, and entrepreneurship with public-private-partnership. Moreover, we aim to integrate the agriculture with associated sciences to broaden the scope of agriculture graduates and to develop a broad pattern of interaction for food security and zero hunger.

Introduction

With its establishment on March 21, 2022, the department adopted a very vibrant and dynamic approach to cater for our national needs and train post-graduate students i.e., (M. Sc (Hons.) and (PhD), in technologies and approaches used in modern mechanized agriculture to sustain food production under climate change scenario. At present, the major thrust of the department is on plant breeding, soil science, and entomology disciplines to conduct basic and applied research. Plant genetics, genomics, molecular breeding, soil science and entomology are the highly dynamic disciplines which contribute in the sustainable and climate resilient agriculture for the food security and national development.

The department will actively engage in:

1- Teaching and dissertation research of post-graduate students i.e., M. Sc (Hons.) and (PhD), to produce highly trained workforce in the advanced disciplines of agriculture science to contribute significantly towards the national development;

2- The development of elite crop varieties for sustainable agricultural production

At present, the highly skilled, dynamic and dedicated faculty of the department is running the projects funded by different national and international funding organizations such as HEC, PSF, PARB, Asian Development Bank (ADB), National Natural Science Foundation of China etc. to develop elite climate resilient cotton, barley, and wheat lines through the integration of molecular genetics, bioinformatics, structural genomics, functional genomics, comparative genomics, computational genomics and molecular breeding approaches.

The department has established research collaboration with the national and international research organizations including Cotton Research Institute (CRI), Multan, Pakistan; Cotton Research Station (CRS), Ayub Agricultural Research Institute (AARI), Faisalabad, Pakistan; Wheat Research Institute (WRI), Ayub Agricultural Research Institute (AARI), Faisalabad, Pakistan; All Pakistan Textile Mills Association (APTMA), Islamabad, Pakistan; Nanjing Agricultural University, Nanjing, China; Shandong Agricultural University, Shandong, China; Zhejiang University, Hangzhou, China; University of Aberdeen, UK; USDA-ARS, USA etc

Faculty

Prof. Dr. Muhammad Ibrahim
Professor/ Chairman
PhD (UAF), Postdoc (South Korea)
Specialization: Soil and Environmental Sciences, Atmospheric Pollution, Health Impacts

Dr. Muhammad Saeed
Associate Professor
PhD (China),
Specialization: Crop Genetics, Plant Genomics and Molecular Breeding

Dr. Shabab Nasir
Associate Professor
PhD (UAF, Pakistan), IRSIP (Norway)
Specialization: Entomology, Urban Pest management
HEC approved supervisor

Dr. Abid Mahmood
Assistant Professor
PhD (UAF, Pakistan)
Specialization: Soil and Environmental Biogeochemistry, Remediation of Environmental pollutants

Dr. Humera Aziz
Assistant Professor
PhD (UAF, Pakistan)
Specialization: Remediation of contaminated soil and water, Synthesis and modifications of novel Sorbent for environmental pollutants based on nanotechnology

Dr. Muhammad Abdul Rehman Rashid
Assistant Professor
PhD (CAU-China), Post Doctorate (YU-YAAS-China)
Specialization: Crop Genetics, genomics, Molecular Breeding, Biotechnology

Dr. Muhammad Kashif Irshad
Assistant Professor
PhD (CAU-China)
Specialization: Soil-environment pollution (remediation, protection, monitoring) biogeochemistry of heavy metals, rhizosphere microbial analysis, plants and soil enzyme activities, soil ecology etc.

Dr. Ali Noman
Assistant Professor
PhD (FAFU, China),
Specialization: Immunity in plants, plant-microbe interaction







Department of Environmental Sciences

Phone: 041-9201566



Programs Offered

1. BS Environmental Science
2. MPhil Environmental Science
3. PhD Environmental Science

Chairman: Porf. Dr. Sabir Hussain



Vision

The Department of Environmental Sciences envisions quality education through collaborative multi-disciplinary modules and innovative research avenues to address current environmental issues and prospect future challenges for sustainable development.

Mission

Our mission is to emerge as a premier center peculiar to learning, and research that will provide solutions to multi-fold environmental challenges for the betterment of society. The degree programs are aimed to develop qualified human resources with strong theoretical and practical knowledge of basic and applied aspects of Environmental Science. Courses for various degree programs have been designed to deliver state-of-the-art information and practical expertise that would enable graduates to effectively address local to global environmental issues.

Introduction

Environmental science is an interdisciplinary academic field to study the complex interaction of human activities and the environment. The degree programs offered at the Department of Environmental Sciences bridge the gap between various basic and applied science disciplines to meet the challenges of 21st century through advanced research and training. It is, therefore, necessary to develop research facilities in order to cope with future demands by engaging in multidisciplinary research. Researchers of this department are exploring the fields of bioremediation, wastewater treatment, environmental biogeochemistry, soil carbon sequestration, climate change, waste management, environmental impact assessment, environmental management systems, natural resources management, air pollution and other environment related issues. For conducting the research on different aspects, the Department of Environmental Sciences has established the following research laboratories:

Env-Lab-1 Environmental Biogeochemistry Lab
Env-Lab-2 Ecological Systems Lab
Env-Lab-3 Environmental Microbiology and Biotechnology Lab
Env-Lab-4 Rhizosphere Biogeochemistry Lab
Env-Lab-5 Environmental Chemistry and Toxicology Lab
Env-Lab-6 Land, Air and Water Research Lab
Env-Lab-7 Environmental Nanotechnology and Biochar Lab
Env-Lab-8 Atmospheric Chemistry and Climatology Lab
Env-Lab-9 Undergraduate Lab

In addition to these laboratories, the Department of Environmental Sciences also established a weather station in the Old Campus of the university in collaboration with Alterra, Wageningen, Netherlands. The data from this weather station is used in various fields of life and natural sciences. For research purpose, the Department of Environmental Sciences collaborates with different national and international institutions.

Faculty

Prof. Dr. Sabir Hussain
Chairman
PhD (France), Postdoc (UCD - Ireland)
Specialization: Biotransformation and Bioremediation of Pollutants in Contaminated Soils and Wastewaters

Prof. Dr. Shafaqat Ali
Principal
PhD (ZJU, China), Post Doc (CAS, China)
Specialization: Phytotoxicity and Phytoremediation of Environmental Pollutants, Wastewater Treatment

Prof. Dr. Farhat Abbas
Professor
PhD Agricultural Engineering (Newcastle, UK)
Specialization: Climate Change Extremes, Resource Management, GIS Applications

Prof. Dr. Tahira Yasmeen
Professor
PhD (QAU), Post Doc (CAS, China)
Specialization: Plant Microbial Ecology, Plant Stress Physiology and Environmental Biotechnology

Prof. Dr. Muhammad Riaz
Professor
PhD (U.K.), Postdoc (Australia; Switzerland)
Specialization: Environmental Biogeochemistry, Nutrient Cycling in Agroecosystems, Biochar, Soil Quality and C sequestration, Soil Health and Quality Indicators

Dr. Muhammad Adrees
Associate Professor
PhD (Imperial College London, UK), Postdoc (Imperial College London, UK)
Specialization: Air Pollution, Waste Management, Ecotoxicology, Climate Change

Dr. Muhammad Saleem Arif
Associate Professor
PhD (UAF), Postdoc (UK, Switzerland)
Specialization:Soil Biology and Biogeochemistry, Sustainability

Dr. Tanvir Shahzad
Associate Professor
PhD (France), Postdoc (France)
Specialization: Soil Biochemistry, Biochar, Carbon Sequestration

Dr. Faisal Mahmood
Associate Professor
PhD (France)
Specialization: Crop Modeling, Ecosystems, Nanotechnology and Wastewater Treatment

Dr. Muhammad Iqbal
Associate Professor
PhD (Austria)
Specialization: Soil Microbiology & Biochemistry; Bioremediation and Metal Immobilization in Environment

Dr. Muhammad Rizwan
Associate Professor
PhD (France)
Specialization: Phytotoxicity & Phytoremediation, Biochar, Nanoparticles

Dr. Muhammad Waseem
Associate Professor
PhD (France)
Specialization: Soil Microbiology, Microbial Bioremediation, Environmental Microbiology

Dr. Shamaila Noreen
Assistant Professor
PhD (UAF)
Specialization: Environmental Sciences

Dr. Saadia Hina
Assistant Professor
PhD (CAS, China)
Specialization: Climate Variability, Extreme Events, Ambient air pollution, Environmental Impact Assessment

Mr. Zaheer Abbas Virk
Lecturer
MSc (Hons) (UAF)
Specialization: Soil Chemistry

Ms. Aaifa Chaudhary
Lecturer
MS (PU)
Specialization: Air Pollution and EMS

Scheme of Studies
BS Environmental Science

Semester 1		
ENV-301	Introduction to Environmental Science	3(3-0)
ENV-303	Basic Environmental Biology	3(2-1)
CHM-305	Basic Chemistry	3(2-1)
ENG-321	Functional English	3(3-0)
ISL-321	Islamic Studies	2(2–0)
ISL-322	Ethics (For Non-Muslim only)	2(2–0)
PST-321	Pakistan Studies	2(2-0)
ICT-321	Application of Information & Communication Technologies	3(2-1)
+THQ-I	Teaching of The Holy Quran -I	1(1–0)
Semester 2		
ENV-302	Introduction to Earth Sciences	3(2-1)
ENV-306	Environmental Anthropology	3(3-0)
GSC-321	The Science of Global Challenges	3(3-0)
ENG-322	Expository writing	3(3-0)
ICP-321	Ideology & Constitution of Pakistan	2(2-0)
BAM-422	Entrepreneurship	2(2-0)
Semester 3		
ENV-401	Environmental Chemistry	3(2-1)
ENV-403	Environmental Physics	3(2-1)
HIS-111	Art & Humanities (History and Civilizations)	2(2-0)
EDU-324	Introduction of Education	2(2-0)
QTR-421	Quantitative Reasoning-1	3(3-0)
CCE-421	Civics & Community Engagement	2(2-0)
+THQ-II	Teaching of The Holy Quran -II	1(1–0)
Semester 4		
ENV-402	Fundamentals of Ecology	3(3-0)
ENV-404	Environmental Microbiology	3(2-1)
ENV-406	Environmental Pollution	3(3-0)
ENV-408	Climatology	3(3-0)
ENV-410	Waste Management	3 (3-0)
QTR-422	Quantitative Reasining-2	3(3-0)
Semester 5		
ENV-501	Applied Ecology	3(2-1)
ENV-503	Basics of Environmental Toxicology	3(2-1)
ENV-505	Environmental Profile of Pakistan	3(3-0)

ENV-507	Fundamentals of Environmental Economics	3(3-0)
ENV-509	Analytical Techniques in Environmental Science	3(1-2)
ENV-511	Energy and Environment	3(3-0)
+THQ-III	Teaching of The Holy Quran -III	1(1–0)
Semester 6		
ENV-502	Fundamentals of Environmental Biotechnology	3(2-1)
ENV-504	GIS & Remote Sensing	3(2-1)
ENV-506	Basics of Environmental Management Systems	3(3-0)
ENV-508	Biodiversity & Conservation	3(3-0)
ENV-510	Environmental Monitoring	3(2-1)
ENV-512	Water Resources Management	3(3-0)
Summer Semester		
INT-631	Internship	3(0-3)
Semester 7		
ENV-601	Introduction to Climate Change	3(3-0)
ENV-603	Basics of Environmental Impact Assessment	3(3-0)
ENV-605	Natural Resource Management	3(3-0)
ENV-607	Research Methods in Environmental Science	3(3-0)
ENV-609	Urban Planning and Management	3(3-0)
ENV-611	Soil and Environment	3(3-0)
+THQ-IV	Teaching of The Holy Quran -IV	1(1–0)
Semester 8		
ENV-602	Environmental Laws & Policies	3(3-0)
ENV-604	Health and Environment	3(3-0)
ENV-606	Pollution Control Technologies	3(2-1)
ENV-610	Atmospheric Science	3(3-0)
ENV-612	Disaster Management	3(3-0)
CAP-630	Capstone Project *	3(0-3)

Research projects will be offered to the students with 85% or above marks (till semester 6). Students securing less than 85% marks will study two additional elective courses ENV-610 & ENV-612 (each of 3 credit hours) instead of research work.

+ Audit Course

MPhil/PhD Environmental Science

ENV-701	Environmental Governance	3(3-0)
ENV-702	Advanced Analytical Techniques	3(3-0)
ENV-703	Environment Impact Assessment: Practical Solutions	3(3-0)
ENV-704	Project Development & Management	3(3-0)
ENV-705	Occupational Safety and Environment	3(3-0)
ENV-706	Environmental Management Systems	3(3-0)
ENV-707	Energy Conservation and Environment	3(3-0)
ENV-708	Climate Change	3(3-0)
ENV-709	Advances in Plant Ecology	3(3-0)
ENV-710	Biological Conservation	3(3-0)
ENV-711	Wildlife Forestry, Wetland Conservation and Management	3(3-0)
ENV-712	Advanced Urban Ecology and Management	3(3-0)
ENV-713	Advanced Environmental Chemistry	3(3-0)
ENV-714	Applied Environmental Microbiology	3(3-0)
ENV-715	Freshwater Ecology (Limnology)	3(3-0)
ENV-716	Environmental Sociology	3(3-0)
ENV-717	Environmental Geology	3(3-0)
ENV-718	Marine Pollution	3(3-0)
ENV-719	Epidemiology	3(3-0)
ENV-720	Advances in Environmental Biotechnology	3(3-0)
ENV-721	Soil Ecology	3(3-0)
ENV-722	Watershed Management	3(3-0)
ENV-723	Environmental Auditing	3(3-0)
ENV-724	Vegetation Ecology	3(3-0)
ENV-725	Alternative Energy Sources	3(3-0)
ENV-726	Cleaner Production Technology	3(3-0)
ENV-727	Research Methods in Environmental Science	3(3-0)
ECO-714	Advanced Recourse and Environment Economics	3(3-0)
ENV-731	Management and Treatment of Wastewater	3(3-0)
ENV-732	Environmental Applications of Remote Sensing	3(3-0)
ENV-733	Environment Risk Assessment	3(3-0)
ENV-734	Principles and Applications of Bioremediation	3(3-0)
ENV-735	Fundamentals of Biogecochemsitry	3(3-0)
ENV-736	Sustainable Urban Planning and Management	3(3-0)
ENV-737	Natural Resource Conservation	3(3-0)
ENV-738	Sustainable Agriculture, Transport and Industrial Production	3(3-0)
ENV-739	Industrial Ecology	3(3-0)
ENV-740	Sustainable Development	3(3-0)
ENV-741	Solid and Hazardous Waste Management	3(3-0)
ENV-742	Soil Contamination and Remediation	3(3-0)
ENV-744	Environmental application of biochar	3(3-0)
ENV-745	Environmental Nanotechnology	3(3-0)
ENV-751	Environmental Degradation	3(3-0)
ENV-752	Agro Biodiversity & its Conservation	3(3-0)
ENV-753	Advanced Research Methodology in Environmental Science	3(3-0)
ENV-755	Environmental Toxicology	3(3-0)
ENV-756	Quality Assurance and Quality Control	3(3-0)
ENV-757	Special Topics in Environmental Science	3(3-0)
Mandatory Requirements for MPhil		
ENV-728	Seminar (General)	1(0-1)
ENV-729	Seminar (Research)	1(0-1)
ENV-730	Thesis	6(0-6)
Mandatory Requirements for PhD		
ENV-758	Seminar (General)	1(0-1)
ENV-759	Seminar (Research)	1(0-1)
ENV-760	Thesis	






Awareness Walk
World Environment Day, 5th June 2023
Solution To Plastic Pollution
Department of Environmental Sciences, Green Youth Movement Club
College of Agriculture & Environmental Sciences (GCUF)
SAY NO TO PLASTIC
BEAT PLASTIC POLLUTION
WORLD ENVIRONMENT DAY
UN environment


GCUF ECO ART COMPETITIONS 2023
5th June 2023 World Environment Day!






Plantation Drive
15 August 2022
Mutually Organized by:
Unilever
&
Green Youth Movement Club

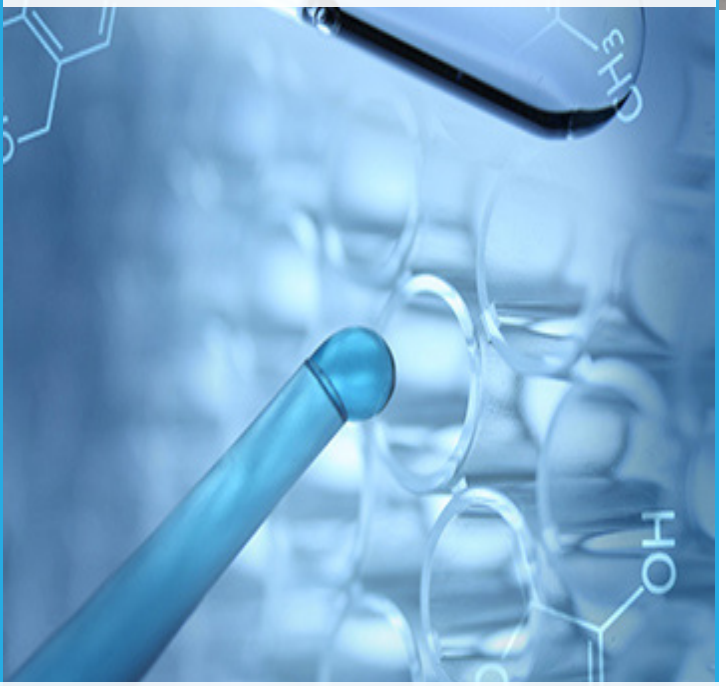



JASHN-E-AZADI PLANTATION WEEK 2022
14th to 21st August 2022
GreenYouthMovementClubGCUF



Department of Biochemistry

Phone: 041-9203031
Email: biochem@gcuf.edu.pk



Programs Offered

1. BS Biochemistry
2. MPhil Biochemistry
3. PhD Biochemistry

Chairperson: Prof. Dr. Shazia Anwer Bukhari



Vision

To induce the basic and modern knowledge of Biochemistry and to impart modern teaching methods in the student's learning process, so that they can lead the nation in this discipline.

Mission

Nurturing a conducive environment of biochemistry in the nation as a whole to get a leading position by fulfilling the needs of skilled man powers of speeding emerging biotech industry.

Introduction

Biochemistry is the science concerned with the chemical basis of life. Biochemistry incorporates everything in size between a molecule and a cell and all the interactions between them. The aim of biochemists is to describe in molecular terms the structures, mechanisms and chemical processes shared by all organisms, providing organizing principles that underlie life in all its diverse forms. So a biochemist would study about these molecules namely carbohydrates, lipids, proteins and nucleic acids. Biochemist also studies their reactions and what affects them and in what ways. Biochemistry is thus a study of the compounds found inside living beings, the processes involved with the focus on the role, function and structure of these molecules.

Biochemistry now encompasses all of the molecular and cellular life sciences. Scientific topics falling under the broad description of biochemistry include genetics, immunology, virology, developmental biology, neurobiology, cell biology and structural biology. A recent milestone in biochemistry was the completion of the Human Genome Project and stem cell therapy. There has never been a better time to study biochemistry. With the introduction of newer methods in science and technology, the scope of biochemistry is much greater than past. In fact, biochemistry is Fundamental discipline of life science that fulfill the requirements of all students. The challenging nature of the subject and the leading jobs oppertunities that can be got after the completion of studies in this field. There are quite a few fields where Biochemists can find employment which includes

Private Sector:

- Chemical manufacturing companies
- Food and Drink (includes brewing)
- Health and Beauty Care
- Medical Instrument companies
- Pharmaceutical firms
- Research Organizations

Public Sectors :

- Agriculture and fisheries
- Cancer research institutes
- Environmental Pollution Control
- Forensic Science
- Hospitals
- National Blood Services
- Overseas Development
- Public Health Entities
- Public Health Laboratories

Objectives

- To produce the manpower, those are confident to apply biochemistry knowledge in different span of living beings.
- Applications of the above knowledge in the understanding of disease processes and drugs discovery with vaccination
- To provide fundamental knowledge in statistical concepts and regulatory approach in biochemistry
- To adopt multidisciplinary approach to equiped the students for multidimensional carrier opportunities
- Experiments to demonstrate important bio-chemical, molecular and physiological concepts
- To encourage the student's capacity for self-learning by research work

Faculty

Prof. Dr. Shazia Anwer Bukhari
Chairperson
PhD (PU-Pakistan)
Specialization: Molecular and Clinical Biochemistry

Dr. Abdul Ghaffar
Associate Professor
PhD (QAU-Pakistan)
Specialization: Molecular Biochemistry and Biotechnology

Dr. Sadia Javed
Associate Professor
PhD (UAF-Pakistan)
Specialization: Industrial Biotechnology

Dr. Nosheen Aslam
Associate Professor
PhD (UAF-Pakistan)
Specialization: Medical Biochemistry

Dr. Razia Noreen
Associate Professor
PhD (France)
Specialization: Analytical and Environmental Biochemistry

Dr. Shagufta Kamal
Associate Professor
PhD (UAF-Pakistan)
Specialization: Industrial Biotechnology

Dr. Muhammad Yameen
Associate Professor
PhD (China)
Specialization: Biochemistry and Molecular Biology

Dr. Arruje Hameed
Assistant Professor
PhD (UAF-Pakistan)
Specialization: Plant Biochemistry and Biotechnology

Dr. Mahwish Salman
Assistant Professor
PhD (UAF-Pakistan)
Specialization: Biotechnology

Dr. Ghulam Mustafa
Assistant Professor
PhD (UAF-Pakistan)
Specialization: Bioinformatics and drug discovery

Dr. Naheed Akhter
Assistant Professor
PhD (UAF-Pakistan)
Specialization: Molicular & Clinical BioChemistry

Scheme of Studies
BS Biochemistry

Semester 1		
BCH-301	Introductory Biochemistry	4(3-1)
ENG-321	Functional English	3(3-0)
ISL-321	Islamic Studies	2(2–0)
ISL-322	Ethics (For Non-Muslim only)	2(2–0)
MTH-321	Algebra and Trigonometry	3(3-0)
PSY-321	Introduction to Psychology	2(2-0)
QTR-421	Quantitative Reasoning-I	3(3-0)
*THQ-I	Teaching of the Holy Quran - I	1 (1-0)
Semester 2		
BCH- 302	Biochemistry of Carbohydrates	3(2-1)
MIC-301	Introductory Microbiology	3(2-1)
ENG-322	Expository Writing	3(3-0)
ICT-321	Applications of Information & Communication Technologies	3(3-0)
PST-321	Ideology and Constitution of Pakistan	2(2-0)
GSC-321	The Science of Global Challenges	3(3-0)
Semester 3		
BCH- 401	Cell Biology	3(2-1)
BCH-403	Amino Acids and Proteins	3(2-1)
CHM-407	Essentials of Analytical Chemistry	3(2-1)
QTR-422	Quantitative Reasoning-II	3(3-0)
IRS-XXX	Introduction to International Relations	2(2-0)
*THQ-II	Teaching of the Holy Quran - II	1 (1-0)
Semester 4		
BCH-402	Biochemistry of Lipids	3(2-1)
BCH-404	Biochemistry of Nucleic Acids	3(3-0)
HND-303	Introductory Nutrient Chemistry	3(3-0)
ACH-412	Industrial Biochemistry	3(2-1)
CCE-421	Civics and Community Engagement	2(2 – 0)
ENT-422	Entrepreneurship	2(2-0)
Semester 5		
BCH-501	Enzymology	3(2-1)
BCH- 503	Molecular Biology	3(3-0)
BCH-505	Biosafety & Bioethics	3(2-1)
BCH-507	Plant Biochemistry	3(3-0)
BCH- 509	Human Physiology	3(3-0)
*THQ-III	Teaching of the Holy Quran - III	1 (1-0)
Semester 6		
BCH-502	Biochemical Techniques	3(2-1)
BCH-504	Genomics	3(3-0)
BCH-506	Bioenergetics	3(3-0)
BCH-508	Bio membranes & Cell Signaling	3(3-0)
BCH-510	Metabolism I	3(3-0)
Semester 7		
BCH-601	Metabolism II	3(3-0)
BCH-603	Fermentation Biotechnology	3(3-0)
BCH-605	Environmental Biochemistry	3(2-1)
BCH- 607	Computational Biochemistry	3(2-1)
BCH-629	Field Experience/Internship	3(0-3)
*THQ- IV	Teaching of the Holy Quran - IV	1 (1-0)
Semester 8		
BCH-602	Immunochemistry	3(3-0)
BCH-604	Antimicrobials & Chemotherapy	3(3-0)
BCH-606	Current Trends in Biochemistry	3(3-0)
BCH-608	Clinical Biochemistry	3(2-1)
BCH-630	Capstone Project	3(0-3)
+ Audit Course		

MPhil

BCH-701	Fundamentals of Biochemistry (Deficiency)	3(3-0)
BCH-702	Advances in Clinical Biochemistry	3(3-0)
BCH-703	Concepts in Genetic Engineering	3(3-0)
BCH-704	Advanced Bioinformatics	3(3-0)
BCH-705	Hormones & Bioregulators	3(3-0)

BCH-706	Advanced Cell Biology	3(3-0)
BCH -707	Molecular Mechanism of Diseases	3(3-0)
BCH-708	Gene Expression and Manipulation	3(3-0)
BCH-709	Bioremediation of Toxicants	3(3-0)
BCH-710	Research Strategies & Scientific Writing	3(3-0)
BCH-711	Forensic Serology and DNA analysis	3(2-1)
BCH -712	Biochemistry of Drugs and their Resistance	3(3-0)
BCH-713	Enzyme Kinetics and Mechanisms	3(3-0)
BCH-714	Advanced Biochemical Techniques	3(1-2)
BCH-715	Body Fluids & Mineral Metabolism	3(3-0)
BCH-716	Biochemistry of Vitamins	3(3-0)
Other Mandatory Requirements For MPhil		
*STAT-795	Statistics for Research	3(2-1)
BCH -728	Seminar I (General)	1(1-0)
BCH -729	Seminar II (Research)	1(1-0)
BCH-730	Research and Thesis	6(0-6)

PhD Biochemistry

BCH -740	Advanced Fermentation Biotechnology	3(3-0)
BCH -741	Regulation of Metabolism in Health & Disease	3(3-0)
BCH -742	Biochemistry of Control System	3(3-0)
BCH-743	Advanced Medical Biochemistry	3(3-0)
BCH-744	Advances in Molecular Genetics	3(3-0)
BCH -745	Inherited Diseases & Molecular Medicines	3(3-0)
BCH-746	Structural Bioinformatics	3(3-0)
BCH-747	Biochemistry of Aging and Antioxidants	3(3-0)
BCH-748	Proteomics & Protein Engineering	3(3-0)
BCH-749	Application of Nano Materials in Biosciences	3(3-0)
BCH-750	Renewable Bioenergy Resources	3(3-0)
BCH-751	Biochemistry of Natural Products	3(3-0)
BCH-752	Stem Cell and Therapeutics	3(3-0)
BCH-753	Drug Designing and Metabolism	3(3-0)
BCH-754	Cell Cycle, Regulation and Membrane Trafficking	3(3-0)
Mandatory Requirements for PhD		
*STAT-795	Statistics for Research	3(2-1)
BCH-758	Seminar I (General)	1(1-0)
BCH-759	Seminar II (Research)	1(1-0)
BCH-760	Research and Thesis	6(0-6)

*STAT-795 is mandatory for MPhil or PhD while those students who have already enrolled in MPhil; no need to enroll again in PhD









Department of Bioinformatics & Biotechnology

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Programs Offered

1. BS Bioinformatics
2. BS Biotechnology
3. MPhil Bioinformatics
4. MPhil Molecular Biology
5. PhD Molecular Biology
6. MPhil Biotechnology
7. PhD Biotechnology

Chairman: Prof. Dr. Muhammad Qasim



Vision

Enabling youth to make contributions in the socio-economic progress of the country for the greater good of mankind.

Mission

To prepare future generations with strong foundation of social, ethical, professional standards to compete on social, economic, and technological fronts for a prosperous future.

Introduction

Department of Bioinformatics and Biotechnology was initially established as a Department of Bioinformatics in 2004-2005 having an undergraduate program in Bioinformatics only, later an MS program in Bioinformatics was also started. In 2010, the Department was renamed as Department of Bioinformatics and Biotechnology with the initiation of second MS program in Biotechnology, while a PhD program in 2011.

Bioinformatics and Biotechnology have become frontline applied science disciplines of the twenty-first century. The ability to decipher the genetic code of living organisms has opened limitless opportunities to improve the quality of human life and has dramatically changed the challenges that the biological and biomedical sciences can address. Government College University Faisalabad (GCUF) is among the few institutions in the country to offer degree programs in these emerging fields. Bioinformatics is an amalgamation of Life Sciences, Statistics, Mathematics and Computer Sciences. It is responsible for developing new computer programs (databases and software) for their applications in life sciences. Biotechnology is the technological application of biological systems (living organisms or derivatives thereof) to make or modify products or processes intended for “Human Welfare” or specific use.

Over the years, the Department of Bioinformatics and Biotechnology (BNB) has established a competitive research facility to provide interdisciplinary learning and trainings by integrating the computational and biological tools while focusing on industrial enzymes, microbial biotechnology (fungi, bacteria, microalgae, cyanobacteria) for industrial and environmental applications, human genetic disorders, infectious diseases, molecular virology, stem cell and regenerative medicines, stress physiology of plants, molecular plant pathology, integrative OMICs and molecular modeling/simulation, system biology and biomedical data analyses, and much more.

The passionate faculty of BNB has established international collaborations with the eminent researchers across the globe including East Asia, Europe, America, and Middle East. The research projects at BNB have been funded by Higher Education Commission of Pakistan, International Foundation for Science of Sweden, COMSTECH-TWAS-OIC Italy, National ICT program, and local industry.

Goals / Objectives

- To provide quality education and cutting-edge research environment with impetus to generate professional workforce in society that can demonstrate professional competence, integrity and responsibility in diverse work environments of biological and computational sciences.
- To develop and promote new technologies for commercial applications and popularization of biotechnology, molecular biology and bioinformatics.
- To foster inter-disciplinary research-based industry-academia linkages to address the local challenges for sustainable socio-economic development and to create career opportunities for fresh graduates.
- To train manpower adept at developing innovative computational approaches and commercial bioinformatics tools with biological datasets by integrating machine learning, data mining, and statistical methodologies.
- To establish an interactive network of life scientists and bioinformaticians who would be effective contributors towards national and global growth.

Faculty

Prof. Dr. Muhammad Qasim
Chairman
PhD (PU-Pakistan)
Specialization: Cell and Molecular Biology, Genomic Medicine, Integrated Bioinformatics, High Throughput Genome Analysis

Prof. Dr. Muhammad Aamer Mehmood
PhD (NIBGE / QAU-Pakistan), Post-Doc (SJTU, China)
Specialization: Microalgae Biotechnology, Biomass to Bioproducts, Resource Recovery, Water-Energy-Envriomental Nexus Sustainability

Prof. Dr. Usman Ali Ashfaq
PhD (PU-Pakistan)
Specialization: Virology, Molecular Medicine, Molecular Biology, Bioinformatics, Integrated Bioinformatics, Health Biotechnology

Prof. Dr. Muhammad Farooq
PhD (NIBGE / QAU-Pakistan), Postdocs (Japan & Denmark)
Specialization: Human Molecular Genetics, Functional Genomics / Genetics

Dr. Asma Haque
Associate Professor
PhD (NIBGE / QAU-Pakistan)
Specialization: Medical Biotechnology, Molecular Biology of Infectious Diseases, Drug Resistance Studies, Immunology

Dr. Tayyaba Shaheen
Associate Professor
PhD (NIBGE / QAU-Pakistan)
Specialization: Plant Biotechnology

Dr. Muhammad Shareef Masoud
Associate Professor
PhD (PU-Pakistan)
Specialization: Molecular Biology, Stem Cell and Regenerative Medicine, Health Biotechnology

Dr. Mahmood-ur-Rahman Ansari
Associate Professor
PhD (PU-Pakistan)
Specialization: Molecular Cell Biology, Plant Biotechnology, Bioinformatics

Dr. Muhammad Zubair
Associate Professor
PhD (Sweden)
Specialization: Medicinal Plants, Health Biotechnology, Cell Assays

Dr. Farrukh Azeem
Associate Professor
PhD (France), Post-Doc (China)
Specialization: Plant Biotechnology, Bioinformatics, Transcriptional Regulation, Abiotic Stress

Dr. Muhammad Rizwan Javed
Associate Professor
PhD (NIBGE / QAU-Pakistan)
Specialization: Enzyme Biotechnology, Genetic Engineering, Metabolic Pathway Engineering, Proteomics, Mycotoxins, Probiotics, Nanobiotechnology, Mycogenesis, Bioinformatics

Dr. Muhammad Shahid
Associate Professor
PhD (NIBGE / PIEAS-Pakistan), Post-Doc (Fulbright Fellow, USA)
Specialization: Plant-Microbe Interaction, Environmental Biotechnology, Nanobiotechnology

Dr. Nazia Nahid
Assistant Professor
PhD (NIBGE / QAU-Pakistan), Post-Doc (USA)
Specialization: Molecular Biology, Molecular Virology

Dr. Muhammad Afzal
Assistant Professor (Study Leave)
PhD (The Netherlands), Post-Doc (Sweden)
Specialization: Bioinformatics, Molecular Biology, Gene Expression, Transcriptomics

Dr. Mohsin Tariq
Assistant Professor
PhD (NIBGE / QAU-Pakistan), Post-Doc (UC Berkeley, USA)
Specialization: Plant-Microbe Interaction

Dr. Irfan Manzoor
Assistant Professor
PhD (The Netherlands), Post-Doc (NIH, USA)
Specialization: Next Generation Sequencing, Cell Biology, Molecular Biology

Dr. Muhammad Hussnain Siddique
Assistant Professor
PhD (France)
Specialization: Microbial and Enzymatic Engineering, Molecular Biology, Bioinformatics, Nanobiotechnology

Dr. Tayyaba Ali
Assistant Professor
PhD (NIBGE / QAU-Pakistan)
Specialization: Genetic Toxicity, Drug Discovery

Dr. Habib Ullah Nadeem
Assistant Professor
PhD (NIBGE / QAU-Pakistan)
Specialization: Enzyme Biotechnology, Protein Engineering, Industrial Biotechnology

Dr. Asad Ali Shah
Assistant Professor
PhD (South Korea) Post. Doc (CU, Bangkok Thailand)
Specialization: Metabolic Engineering, Antibiotic Resistance in Bacteria

Dr. Sadia Liaquat
Assistant Professor
PhD (NIBGE / PIEAS-Pakistan)
Specialization: Genomics, Health Biotechnology

Dr. Ijaz Rasul
Assistant Professor
PhD (The Netherlands)
Specialization: Plant Molecular Biology, Plant Breeding and Genetics, Plant Virology

Dr. Muhammad Tahir ul Qamar
Assistant Professor
PhD (HZAU, China), Post-Doc (GXU, China)
Specialization: Bioinformatics, Computational Biology, Pan-genomics, Omics Data Integration and Analysis Using AI

Dr. Muhammad Abdul Rehman Rashid
Assistant Professor
PhD (CAU-China), Post-Doc (YAAS-China)
Specialization: Plant Biotechnology, Genetics, Breeding, Stresses

Scheme of Studies
BS Bioinformatics

Semester 1		
CCC-301	Programming Fundamentals	4(3-1)
CGE-301	Application of Information & Computing Technologies	3(2-1)
QTR-421	Quantitative Reasoning 1 (Discrete Structures)	3(3-0)
BIN-301	Basic Biology & Cell Biology	3(2-1)
ENG-321	Functional English	3(3-0)
MTH-323	Multivariable Calculus	3(3-0)
+THQ-I	Teaching of The Holy Quran -I	1(1–0)
Semester 2		
CCC-302	Object Oriented Programming	4(3-1)
CCC-306	Digital Logic Design	3(2-1)
CCC-403	Information Security	3(2-1)
ISL-321	Islamic Studies	2(2–0)
ISL-322	Ethics (For Non-Muslims)	2(2–0)
BIN-302	Basic General Chemistry	3(3-0)
QTR-422	Quantitative Reasoning 2 (Calculus and Analytic Geometry)	3(3-0)
MTH-424	Linear Algebra	3(3-0)
Semester 3		
CCC-304	Database Systems	4(3-1)
CCC-401	Data Structures	4(3-1)
CCC-405	Artificial Intelligence	3(2-1)
PST-321	Pakistan Studies	2(2-0)
BIN-409	Introduction to Biotechnology & Molecular Biology	3(2-1)
STA-321	Probability & Statistics	3(3-0)
+THQ-II	Teaching of The Holy Quran -II	1(1–0)
Semester 4		
CCC-402	Computer Organization & Assembly Language	3(2-1)
CCC-407	Computer Networks	3(2-1)
CCC-409	Software Engineering	3(3-0)
BIT-303	Fundamentals of Genetics	3(2-1)
PHY-321	Applied Physics	3(2-1)
ENG-426	Expository Writing	3(3-0)
Semester 5		
CCC-501	Operating Systems	3(2-1)
CCC-601	Analysis of Algorithms	3(3-0)
BIN-507	Introduction to Bioinformatics & Computational Biology	3(2-1)
BIN-509	Evolutionary Biology	3(2-1)
BIN-511	Computer Aided Drug and Vaccine Designing	4(3-1)
BIN-513	Principles of Biostatistics	3(3-0)
+THQ-III	Teaching of The Holy Quran -III	1(1–0)
Semester 6		
ENG-422	Technical & Business Writing	3(3-0)
BIN-502	Bioinformatics & Scientific Computing	3(2-1)
BIN-504	Data Integration and Analysis	3(2-1)
CSI-504	Parallel & Distributed Computing	3(2-1)
BIN-508	Ethical, Legal and Cyberbiosecurity Issues in Bioinformatics	2(2-0)
BIN-510	OMICS Technologies and Applications	3(3-0)
Semester 7		
BAM-302	Principles of Marketing	3(3-0)
BIN-601	Entrepreneurship	2(2-0)
BIN-607	Systems Biology & Data Science	3(2-1)
BIN-609	Next Generation Sequencing Data Analysis	3(2-1)
CCC-631	Final Year Project - I	2(0-2)
+THQ-IV	Teaching of The Holy Quran -IV	1(1–0)
Semester 8		
PST-506	Constitutional Developments in Pakistan	3(3-0)
BIN-608	Professional Practices	2(2-0)
SOC-618	Civics and Community Engagement	2(2-0)
CCC-632	Final Year Project - II	4(0-4)

+ Audit Course
NOTE: The Bioinformatics elective courses are subject to modifications as per departmental expertise.

BS Biotechnology

Semester 1		
BIT-301	Cell Biology	3(2-1)
BIT-303	Fundamentals of Genetics	3(2-1)
PST-321	Pakistan studies	2(2-0)
ICT-321	Introduction to Information and communicative technology	3(2-1)
ENG-321	Functional English	3(3-0)
GSC-321	The Science of Global Challenges	3(3-0)
PSY-321	Introduction to Psychology	2(2-0)
+THQ-I	Teaching of The Holy Quran -I	1(1–0)
Semester 2		
BIT-302	Molecular Biology	3(2-1)
BIT-304	Biophysics	3(3-0)
BIT-306	Biodiversity and Systematics	3(3-0)
BCH-322	Elementary Biochemistry	3(2-1)
ENG-322	Expository Writing	3(3-0)
ISL-321	Islamic Studies	2(2–0)
ISL-322	Ethics (For Non-Muslim only)	2(2–0)
ICP-321	Ideology and Constitution of Pakistan	2(2-0)
Semester 3		
MIC-301	Introductory Microbiology	3(2-1)
BIT-410	Cell and Tissue Culture	3(2-1)
BIT-405	Introduction to Biotechnology	3(2-1)
BAM-422	Entrepreneurship	2(2-0)
CHM-305	General Chemistry	3(3-0)
CCE-421	Civics and Community Engagement	2(2-0)
QTR-421	Quantitative Reasoning-I	3(3-0)
+THQ-II	Teaching of The Holy Quran -II	1(1–0)
Semester 4		
BIN-402	Introduction to Biological Data Retrieval	3(2-1)
BIT-404	Molecular Evolution	3(3-0)
QTR-422	Quantitative Reasoning II	3(3-0)
BIT-408	Biosafety, Biosecurity and Biorisk management	2(2-0)
BIT-403	Molecular Genetics	3(2-1)
BIT-412	Microbial Biotechnology	3(2-1)
Semester 5		
BIT-501	Biological Data Analysis	3(2-1)
BIT-503	Recombinant DNA Technology	3(2-1)
BIT-505	General Virology	3(3-0)
BIT-507	Techniques in Biotechnology	3(2-1)
BIT-407	Essentials of Immunology	3(3-0)

BIT-511	Forensic Serology and DNA Typing	3(3-0)
+THQ-III	Teaching of The Holy Quran -III	1(1–0)
Semester 6		
BIT-502	Proteomics	3(3-0)
BIT-504	Genomics and Transcriptomics	3(3-0)
BIT-506	Nanobiotechnology	3(3-0)
BIT-508	Agriculture Biotechnology	3(2-1)
BIT-512	Animal Biotechnology	3(3-0)
INT-631	Internship	3(3-0)
Semester 7		
BIT-601	Cell Signaling	3(3-0)
BIT-603	Industrial and Food Biotechnology	3(2-1)
BIT-509	Health Biotechnology	3(3-0)
BIT-609	Environmental Biotechnology	3(3-0)
BIT-611	Molecular Pathology	3(3-0)
CAP-630	Capstone Project	3(3-0)
+THQ-IV	Teaching of The Holy Quran -IV	1(1–0)
Semester 8		
BIT-602	Research Methodologies in Biotechnology	3(3-0)
BIT-604	Recent Trends in Biotechnology	3(3-0)
BIT-510	Social, Ethical and Legal Aspects of Biotechnology	2(2-0)
BIT-607	Literature Survey and Scientific Writing	2(2-0)
+ Audit Course		

MPhil Bioinformatics

Semester 1		
BIN-701	Advances in Molecular Biology	3(3-0)
BIN-705	Artificial Intelligence in Bioinformatics	3(2-1)
BIN-709	Bioinformatics Computing	3(2-1)
STA-795	Statistics for Research	3(2-1)
Semester 2		
	Specialization-I	3
	Specialization-II	3
	Elective-I	3
	Elective-II	3
Semester 3 & 4		
BIN-728	Seminar (General)	1(0-1)
BIN-729	Seminar (Research)	1(0-1)
BIN-730	Thesis	6(0-6)
Specialized Track Courses		
BIN-702	Statistical Methods for Bioinformatics	3(3-0)
BIN-704	Advances in Computational Algorithms	3(2-1)
BIN 706	Advances in Software Engineering	3(1-2)
BIN-707	Data Retrieval, Integration, and Processing	3(2-1)
BIN-710	Advances in OMICS Technologies	3(3-0)
BIN-712	Next Generation Sequencing and Data Analysis	3(2-1)
BIN-714	Advanced Computational Biology	3(2-1)
BIN-716	Advances in Systems Biology	3(2-1)
BIN-718	Genomic Data Science	3(2-1)
BIN-720	Mathematics for Bioinformatics	3(3-0)
Elective Courses		
BIN-732	Modern Techniques in Molecular Biology & Biotechnology	3(3-0)
BIN-734	Metabolomics	3(3-0)
BIN-736	DNA Microarrays and Integrative Genetics	3(2-1)
BIN-740	Pan-genomics	3(3-0)
BIN-742	Computational Drug Discovery and Development	3(2-1)
BIN-744	Metagenomics	3(2-1)
BIN-746	Computational Vaccinology	3(2-1)
BIN-748	Epigenetics and 3D Genomics	3(3-0)
BIN-750	Plant Breeding and Genomics	3(3-0)
BIN-752	Medical Genetics and Genomics	3(3-0)

MPhil Molecular Biology

Semester 1		
MBL-701	Molecular Biology Advances	3(3-0)
MBL-703	Molecular Data Integration and Analysis	3(2-1)
	Elective-I	3(3-0)
	Elective-II	3(3-0)
Semester 2		
MBL-702	Advances in Cell Biology	3(3-0)
MBL-704	Research Planning and Scientific Writing	3(3-0)
	Elective-III	3(3-0)
	Elective-IV	3(3-0)
Semester 3 & 4		
STA-795	Statistics for Research	3(2-1)
MBL-728	Seminar (General)	1(0-1)
MBL-729	Seminar (Research)	1(0-1)
MBL-730	Thesis	6(0-6)
ELECTIVE-I & II COURSES		
MBL-705	Advances in Genetic Engineering	3(3-0)
MBL-707	Advances in Plant Molecular Biology	3(3-0)
MBL-709	Advances in Molecular Genetics	3(3-0)
MBL-711	Advances in Molecular Virology	3(3-0)
MBL-713	Advances in Forensic Serology and DNA Typing	3(3-0)
MBL-715	Microbial Cell Factories	3(3-0)
MBL-717	Functional Genomics and Bioinformatics	3(3-0)
ELECTIVE-III & IV COURSES		
MBL-706	Advances in Stem Cell Biology	3(3-0)
MBL-708	Advances in Biotechnology	3(3-0)
MBL-710	Advances in OMICS	3(3-0)
MBL-712	Applied Molecular Biology	3(3-0)
MBL-714	Advances in Cell and Tissue Culture	3(3-0)
MBL-716	Molecular Immunology	3(3-0)
MBL-718	Plant-Pathogen Interaction	3(3-0)

PhD Molecular Biology

Semester 1		
MBL-781	Trends in Molecular Biology	3(3-0)
MBL-783	Trends in Genome Editing	3(3-0)
	Elective-I	3(3-0)
MBL-758	Seminar (General)	1(0-1)
Semester 2		
MBL-782	Techniques in Molecular Biology	3(2-1)
MBL-784	Research Project Management	3(3-0)
	Elective-II	3(3-0)
MBL-759	Seminar (Research)	1(0-1)
Semester 3 & 4		

*STA-795	Statistics for Research	3(2-1)
MBL-760	Thesis	
*PhD students who have not studied the course "Satistics for Research" in MPhil will have to take this course as audit course as mandatory requirement.		
Elective-I & II Courses		
MBL-785	Trends in Applied Molecular Biology	3(3-0)
MBL-786	Trends in Plant Molecular Biology	3(3-0)
MBL-787	Trends in Molecular Pathology	3(3-0)
MBL-788	Trends in Genetics and Genomics	3(3-0)
MBL-789	Trends in Quantitative Genetics	3(3-0)
MBL-790	Trends in Genomics	3(3-0)
MBL-791	Trends in Genetics	3(3-0)
MBL-792	Trends in Proteomics	3(3-0)
MBL-793	Molecular Biology of Cancer	3(3-0)
MBL-794	Molecular Biology of Phytopathogens	3(3-0)

MPhil/PhD Biotechnology

BIT-701	Modern Biotechnology: Principles and Applications	3(3-0)
BIT-702	Modern Techniques in Biotechnology	3(3-0)
BIT-703	Genetic Engineering	3(3-0)
BIT-704	Bioresource Technology	3(3-0)
BIT-705	Advances in Cell and Molecular Biology	3(3-0)
BIT-706	Molecular Virology	3(3-0)
BIT-707	Molecular Data Analyses	3(3-0)
BIT-708	Plant Molecular Physiology	3(3-0)
BIT-710	Protein Engineering and Enzyme Technology	3(3-0)
BIT-712	Plant-Microbe Interaction	3(3-0)
BIT-714	Advances in Molecular Pathology	3(3-0)
BIT-716	Advances in Stem Cell Technology	3(3-0)
BIT-718	Advances in Medical Biotechnology	3(3-0)
BIT-720	Advances in Plant Biotechnology	3(3-0)
BIT-722	Metabolic Engineering and Biofuels	3(3-0)
BIT-724	Advances in Environmental Biotechnology	3(3-0)
BIT-781	Recent Trends in Biotechnology	3(3-0)
BIT-782	Project Planning, Maintenance and Evaluation	3(3-0)
BIT-783	Recent Trends in Cell and Molecular Biology	3(3-0)
BIT-784	Recent Methods in Biotechnology Research	3(3-0)
BIT-785	Recent Trends in Industrial Microbiology and Biotechnology	3(3-0)
BIT-786	Recent Trends in Medical Biotechnology	3(3-0)
BIT-787	Recent Trends in Environmental Biotechnology	3(3-0)
BIT-788	Recent Trends in Bio-Energy	3(3-0)
BIT-789	Recent Trends in Plant Biotechnology	3(3-0)
BIT-790	Recent Trends in Food Biotechnology	3(3-0)
BIT-791	Recent Trends in Virology	3(3-0)
BIT-792	Recent Trends in Immunology	3(3-0)
BIT-793	Molecular Toxicology	3(3-0)
BIT-795	Recent Trends in Cell and Tissue Culture Technology	3(3-0)
BIT-796	Modern Methods in Industrial Biotechnology	3(3-0)
Mandatory requirements for MPhil		
STA-795	Statistics for Research	3(2-1)
BIT-728	Seminar (General)	1(0-1)
BIT-729	Seminar (Research)	1(0-1)
BIT-730	Thesis	6(0-6)
Mandatory requirements for PhD		
* STA-795	Statistics for Research	3(2-1)
BIT-758	Seminar (General)	1(0-1)
BIT-759	Seminar (Research)	1(0-1)
BIT-760	Thesis	
*PhD students who have not studied the course "Satistics for Research" in MPhil will have to take this course as audit course as mandatory requirement.		











Department of Botany

Phone: 041-9203024
Email: botany@gcuf.edu.pk





Programs Offered

1. BS Botany
2. MPhil Botany
3. PhD Botany

Chairperson: Prof. Dr. Muhammad Iqbal



Vision

Exploration of natural world of plants and allied creature for unraveling vast untapped resources of nature for the benefit of human race as well as the glorification of knowledge

Mission

We are committed to ordain human capital with excellence in the changing scientific scenario through innovative and interactive learning and research.

Introduction

Being one of the oldest academic disciplines of this institution, the department is privileged to have a strong faculty and academic program. At present, this department is offering degree courses for BS (Hons), M.Sc, MPhil and PhD programs. Department of Botany has gained credence from the comity of global academic and research institutions. Currently the department has signed MoUs with WWF, Pakistan, North West A & F University, China and Tohoku University, Japan for research and academic collaboration.

Department aims to provide quality education in diverse areas of research. A well-knit research program with due liaison with relevant industries and partner national research organization exists at Department of Botany. We are striving to nurture our industry with trained and skilled manpower and with the development of "early bird" innovative production processes. Our research activities on medicinally important plant-derived constituents, nutritional fortification of edible grain crops, development of industrially important fungal enzymes and natural pigments, edibles free from biotic contaminants, etc. are being valued by national industrial enterprises. An all-out academia-industry linkage initiative has taken off from this forum and the relevant entrepreneurs are approaching us for collaborative research ventures of mutual interest.

A number of nationally and internationally funded research projects are also underway, and the academia is focusing on to broaden need-based research endeavors. Molecular Biology, Plant Physiology, Integrative Biology, Environmental Biology, Economic Botany, Mycology, Microbiology and Biotechnology are some of the focal areas of research at this establishment. Currently research work is being carried out in the fields of plant molecular biology, fortification of cereal crops, medicinal plants and nutraceuticals, seed priming, enzymology, plant tissue culture, stress physiology, biochemistry, phytoremediation and heavy metal tolerance, improving crop acclimation to different agro-climatic zones and fungal taxonomy. Research on genetic basis of stress tolerance in different crops is also underway. The genomic resources are being utilized to enhance crop production by gene manipulation. Furthermore, research activities on seed metabolism, plant nutrition and plant growth regulators are in progress for different economically important crops and medicinal plants.

We are proud to be the host of 1st international symposium of this University in 2006. This department organized two (02) international conferences, five (05) international symposiums and national seminars. Besides active involvement in transferring knowledge to the students, the induction of high class academia is also upgrading the faculty profile of the department. Department of Botany at Government College University, Faisalabad is among the top choices of students for their learning needs throughout Pakistan and the numbers of enrolments are increasing every year. Until now 48 PhDs, 680 MPhil, 800 MSc and 850 BS(Hons) students have completed their studies. At present, 433 students are enrolled in BS (Hons), 76 in MPhil and 85 in PhD programs.

Faculty

Prof. Dr. Muhammad Iqbal
Professor / Chairperson
PhD (UAF) Post Doc (UCR, USA)
Specialization: Plant Ecophysiology, Stress Signalling and Chemical Genetics, Economic Botany

Prof. Dr. Naeem Iqbal
Professor
PhD (UAF) Post Doc (USA)
Specialization: Plant Physiology, Molecular Marker Analysis for Stress Tolerance

Prof. Dr. Rizwan Rasheed
Professor
PhD (UAF) Post Doc (UCB - USA)
Specialization: Plant Physiology / Molecular Biology / Histology

Prof. Dr. Iqbal Hussain
Professor
PhD (UAF) Post Doc (Japan)
Specialization: Plant Physiology, Gene Expression Analysis

Prof. Dr. Nudrat Aisha Akram
Professor
PhD (UAF)
Specialization: Plant Stress Physiology

Dr. Saqib Mahmood
Associate Professor
PhD (UAF)
Specialization: Stress Physiology, Metabolite Chemistry

Dr. Syed Hammad Raza
Associate Professor
PhD (UAF) Post Doc (UK)
Specialization: Plant Stress Physiology and Molecular Ecology/ Environmental Biology

Dr. Muhammad Saeed
Associate Professor
PhD (China)
Specialization: Plant crop and breading , crop gentics and breading

Dr. Shagufta Parveen
Associate Professor
PhD (UAF)
Specialization: Plant Stress Physiology

Dr. Muhammad Tariq Javed
Associate Professor
PhD (SU, Sweden)
Specialization: Plant Stress Physiology, Plant Biochemistry, Fluorescence Microscopy

Dr. Sara Zafar
Associate Professor
PhD (GCUF)
Specialization: Plant Physiology

Dr. M. Arslan Ashraf
Associate Professor
PhD (UAF), Post Doc. (USA)
Specialization: Plant Stress Physiology

Dr. Qasim Ali
Associate Professor
PhD (UAF)
Specialization: Plant Physiology, Plant Nutrition

Dr. Muhammad Siddique
Assistant Professor
PhD (PU), Postdoc (Kurume University, Japan)
Specialization: Biotechnology

Dr. M. Zulqurnain Haider
Assistant Professor
PhD (France) Specialization: Integrative Biology of Plants

Dr. Muhammad Nawaz
Assistant Professor
PhD (GCUF) Specialization: Plant Biotechnology and Plant Molecular Physiology, Bioinformatics

Dr. Rohina Bashir
Assistant Professor
PhD (UAF) Specialization: Plant Biotechnology

Dr. Nusrat Parveen
Assistant Professor
PhD (UAF) Specialization: Plant Physiology

Dr. M. Sohail Akram
Assistant Professor
PhD (University of the Punjab)
Specialization: Plant Transformation, Plant Molecular Biology

Dr. Noman Habib
Assistant Professor
PhD (UAF) Specialization: Plant Physiology

Dr. Abida Parveen
Assistant Professor
PhD (UAF) Specialization: Plant Stress Physiology

Dr. Ali Noman
Assistant Professor
PhD (Chaina) Specialization: Crop Bio Technology

Ms. Bazgha Zia
Lecturer
MPhil (UAF) Specialization: Plant Tissue Culture

Mr. Muhammad Akram
Lecturer
M. Phil (UAF) Specialization: Plant Tissue Culture

Dr. Beenish Afzal
Research Officer
PhD (GCUF) Specialization: Metabolomics and Radiation Biology

Ms. Zahida Perveen
Teaching Assistant
M. Phil (GCUF) Specialization: Plant Physiology

Scheme of Studies
BS Botany

Semester 1		
BOT-301	Cell Biology	3(2-1)
BOT-303	Diversity of Plants	3(2-1)
ISL-321	Islamic Studies (Ethics for non-Muslim students)	2(2-0)
ENG-321	Functional English	3(3-0)
ICP-321	Ideology & Constitution of Pakistan	2(2-0)
PES-301	Introduction to Physical Education	3(2-1)
THQ-I	Translation of the Holy Quran-I	1(1-0)
Semester 2		
BOT-302	Fundamental of Plant Taxonomy	3(2-1)
ZOL-310	Biodiversity & Conservation	3(3-0)
PST-321	Pakistan Studies	2(2-0)
ENG-322	Expository Writing	3(3-0)
ICT-321	Applications of Information & Communication Technologies	3(2-1)
GSC-321	The Science of Global Challenges	3(3-0)
Semester 3		
BOT-401	Phycology & Bryology	3(2-1)
BOT-403	Mycology	3(2-1)
BOT-405	Plant Anatomy & Embryology	3(2-1)
BOT-407*	Plant Metabolism	3(2-1)
ZOL-409	Fundamentals of Genetics & Evolution	3(2-1)
QTR-421	Quantitative Reasoning I	3(3-0)
THQ-II	Translation of the Holy Quran II	1(1-0)
Semester 4		
BOT-402	Phytogeography	3(2-1)

BOT-404	Principles of Plant Ecology	3(2-1)
BOT-406	Principles of Plant Biochemistry	3(2-1)
BOT-408	Principles of Plant Physiology	3(2-1)
QTR-422	Quantitative Reasoning II	3(2-1)
BAM-422	Entrepreneurship	2(2-0)
CCE-421	Civics and Community Engagement	2(2-0)
Semester 5		
BOT-501	Advanced Plant Ecology	3(2-1)
BOT-503	Advanced Plant Biochemistry	3(2-1)
BOT-505	Advanced Plant Physiology	3(2-1)
BOT-507	Microbial Botany	3(2-1)
BOT-509	Pteridophytes & Gymnosperms	3(2-1)
STA-507	Biostatistics	3(2-1)
THQ-III	Translation of The Holy Quran -III	1(1–0)
Semester 6		
BOT-502	Systematics of Angiosperms	3(2-1)
BOT-504	Plant Pathology	3(2-1)
BOT-506	Economic & Industrial Botany	3(3-0)
ENV-514	Sustainable Development Goals	3(3-0)
CSI-516	Artificial Intelligence (AI) in Botany	3(3-0)
BIT-514	Molecular Genetics	3(2-1)
BOT-508*	Environment Biology	3(2-1)
Semester 7		
BOT-601	Analytical Techniques in Botany	3(1-2)
BOT-603	Field Botany	3(2-1)
BOT-605	Forensic Botany	3(2-1)
BOT-607	Plant Biotechnology	3(2-1)
BIN-615	Scientific Inquiry & Research Methods	3(2-1)
BOT-611*	Ecophysiological Anatomy of Plants	3(2-1)
THQ-IV	Translation of The Holy Quran -IV	1(1–0)
Semester 8		
BOT-665	Evolutionary Trends in Plants	3(2-1)
CAP-630	Capstone Project	3(0-3)
INT-631	Internship	3(0-3)
List of Elective Courses		
BOT-407	Plant Metabolism	3(2-1)
BOT-411	Plant Nitrogen Assimilation & Metabolism	3(2-1)
BOT-413	Plant Bioinformatics	3(2-1)
BOT-508	Environment Biology	3(2-1)
BOT-510	Phytohormones	3(2-1)
BOT-512	Plant Stress Physiology	3(2-1)
BOT-611	Ecophysiological Anatomy of Plants	3(2-1)
BOT-613	Plant Tissue Culture	3(2-1)

Note: *The elective courses will be offered keeping in view availability of the faculty and nature of research.

Deficiency Courses For Bridging Students

ICT-321	Applications of Information & Communication Technologies	3(2-1)
ICP-321	Ideology & Constitution of Pakistan	2(2-0)
BOT-402	Phytogeography	3(2-1)
ZOL-310	Biodiversity & Conservation	3(3-0)
BOT-405	Plant Anatomy & Embryology	3(2-1)
BOT-406	Principles of Plant Biochemistry	3(2-1)

Note: Students who have not studied the above courses should have to study deficiency courses in the bridging semester.

MPhil Botany

Theory Courses		
BOT-701	Advanced Analytical Tools in Botany	3 (1-2)
BOT-702	Research Methodology & Scientific Writing	3 (3-0)
BOT-703	Recent Trends in Botany	3 (3-0)
BOT-704	Signaling in Plants	3 (3-0)
BOT-705	Regulation in Metabolism	3(3-0)
BOT-706	Plant Growth Regulators	3(3-0)
BOT-707	Advanced Plant Physiology	3(3-0)
BOT-708	Gene Technology	3(3-0)
BOT-709	Research and Project Management	3(3-0)
BOT-710	Evolutionary Biology	3(3-0)
BOT-712	Plant Microtechniques	3(3-0)
BOT-713	Bioenergetics	3(3-0)
BOT-714	Entrepreneurial Botany	3(3-0)
BOT-715	Metabolic Engineering in Plants	3(3-0)
BOT-716	New Trends in Phytosociology	3(3-0)
BOT-717	Cell Cycle Regulation	3(3-0)
BOT-718	Plant Biofuel and Bioenergy	3(3-0)
OTHER MANDATORY REQUIREMENTS FOR M. PHIL		
STA-795	Statistics for Research	3(2-1)
BOT-728	General Seminar	1(0-1)
BOT-729	Research Seminar	1(0-1)
BOT-730	Thesis	6(0-6)

N.B: Overall 24 teaching credit hours for MPhil are mandatory. However, the research supervisors of students may recommend additional courses. The department will offer the courses keeping in view the availability of teachers and the nature of research.

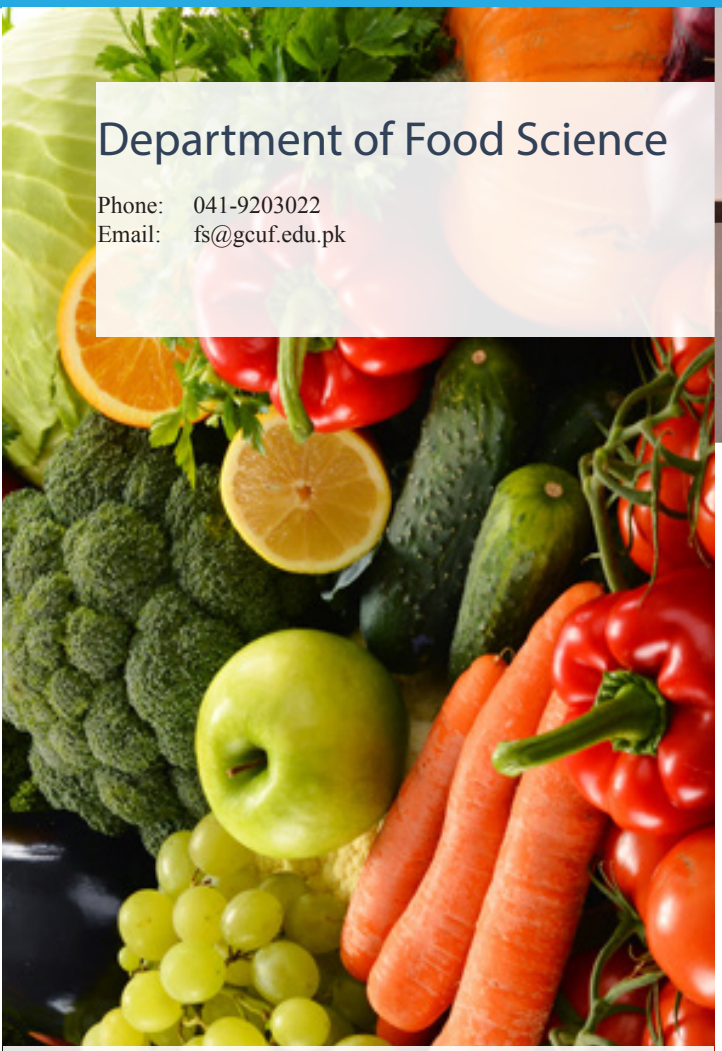
PhD Botany

BOT-801	Environmental Biology Legislation	3(3-0)
BOT-802	Economic Botany	3(3-0)
BOT-803	Plants and Global Changes	3(3-0)
BOT-804	Molecular Ecology	3(3-0)
BOT-805	Enzyme Kinetics and Metabolic Pathways	3(3-0)
BOT-806	Biological Engineering	3(3-0)
BOT-807	Plant Electrophysiology	3(3-0)
BOT-808	Seed Technology	3(3-0)
BOT-809	Allelopathy	3(3-0)
BOT-810	Plant Water and Nutrient Acquisition	3(3-0)
BOT-811	Plant Microbe Interactions	3(3-0)
BOT-812	Phytoremediation of Toxicants	3(3-0)
BOT-813	Advance Analytical Technique	3(3-0)
OTHER MANDATORY REQUIREMENTS FOR Ph.D		
*STA-795	Statistics for Research	3(2-1)
BOT-858	Seminar (General)	1(0-1)
BOT-859	Seminar (Research)	1(0-1)
BOT-860	Thesis	

*Ph. D students who have not studied the course “STA-795” in M. Phil will have to take this mandatory course as an audit course. Overall, 18 teaching credit hours for Ph. D are mandatory. However, the research supervisors of students may recommend additional courses. The department will offer the courses keeping in view the availability of teachers and the nature of research.

Department of Food Science

Phone: 041-9203022
Email: fs@gcuf.edu.pk



Programs Offered

1. BS Food Science & Technology
2. MS Food Science & Technology
3. MS Dairy Technology
4. MS Food Safety & Quality Management
5. MS Food Service & Hospitality Management
6. MS Halal Sciences
7. Ph.D Food Science & Technology

Chairman: Dr. Farhan Saeed



Vision & Mission

To produce high caliber graduates in the field of Food Science & Technology who will be well equipped through the training they receive, to support the rapid changes in food industries and sustain the industrial and economic development of Pakistan. This vision is pursued in par with core values of the University which are integrity, excellence, teamwork, discipline and dedication to work. The department has pursued its teaching and research program in recognition of the fact that the food industry in Pakistan is still in its fledging state. Hence it is important that this program is offered to train the needed manpower and expertise that will help the industry and will produce the healthy community that will contribute to accelerate the economic development of country. The department selects courses that are aimed at offering the students a good understanding of the basic principles of Food Technology according to the growing and dynamic needs of food industry. According to the international education standards for degree program in Food Technology, the course content of any undergraduate syllabus should cover the following categories: Food Chemistry and Analysis, Food Safety and Microbiology, Food Processing and Engineering, Applied Food Science. This degree program is not only producing skill technologist but also enhance the awareness regarding the issue that ultimately will uplift the economic status of the country.

Introcuction

The Department of Food Sciences at Government College University Faisalabad was established in 2013 and is one of the best food science departments in the country. The outstanding faculty, state-of-the-art building and laboratory facilities, and friendly and dedicated staff members make the Department a pleasant place to study and conduct research. Our undergraduate Major offers students' hands-on science dealing with real-world applications; small, friendly atmosphere; world-class internship experiences in collaboration with international institutions like:

- Laboratoire d'Ingénierie des Biomolécules (LIBio), Université de Lorraine, France
- Department of Food Bioprocessing and Nutrition Sciences, North Carolina State University, USA
- Faisalabad Confectionary Association, Pakistan
- Engro Foods Limited, Karachi
- Halal Research Council, Pakistan
- The Halal Science Centre Chulalongkorn University, Thailand
- Pakistan Council for Scientific and Industrial Research
- The University of Gambia
- Kyungpook National University, South Korea
- Iowa State University, USA
- Amanah Halal Research Centre, Germany

Our graduate program offers graduate study leading to Masters of Science and Doctor of Philosophy degrees. Graduate students receive in-depth training in the core disciplines of Food and Nutrition, Food Chemistry, Food Microbiology, Food Engineering and Processing, Food Safety, Food Service Management.

Objectives

- To produce competent Food Scientists/Technologists with adequate scientific background to meet the needs of public and private sector, organization/industries
- To provide professional leadership, services and outreach activities in the major areas of Food Science
- To develop cost effective appropriate technologies, helpful to boost up value addition in agriculture sector
- To carry out problem oriented in the field of Nutrition and Food Technology
- To meet the training needs of public and private sector

Faculty

Dr. Farhan Saeed
Chairman
Ph.D (UAF-Pakistan) Postdoc. (Australia)
Associate Professor
Specialization: Cereal Science: Wheat Quality and Characterization, Starch Chemistry, Functional Foods, Food Analysis

Prof. Dr. Muhammad Umair Arshad
Ph.D (UAF-Pakistan), Postdoc (Canada)
Specialization: Functional Foods and Nutraceuticals, Utilization of Bioactive Components of Agro-Industrial Waste, Food Fortification

Dr. Zarina Mushtaq
Associate Professor
Ph.D (UAF-Pakistan)
Specialization: Food Microbiology, Dietetic Food, Food Borne Illness and Its Prevention

Dr. Muhammad Kamran Khan
Associate Professor
Ph.D (France), Postdoc. (Australia)
Specialization: Food Chemistry and Analysis, Application of Ultrasound in Food Processing, Effect of Industrial Processes on Potential Bioactive Components

Dr. Muhammad Imran
Associate Professor
Ph.D (UAF-Pakistan), Postdoc. (USA)
Specialization: Food Ingredient Technology, Functional Foods Chemistry, Food Process Engineering

Dr. Ali Imran
Associate Professor
Ph.D (UAF-Pakistan), Postdoc. (Australia)
Specialization: Human Nutrition, Dietary Cure for Metabolic Syndrome, Functional Foods and Nutraceuticals

Dr. Muhammad Tahir Nadeem
Assistant Professor
Ph.D (UAF-Pakistan)
Specialization: Food Biotechnology, Nutration, Cereal Sciences, Halal Food

Dr. Muhammad Sajid Arshad
Assistant Professor
Ph.D (UAF-Pakistan), Postdoc. (South Korea)
Specialization: Meat Science and Nutrition, Functional Foods, Food Irradiations, Halal Foods

Dr. Adeela Yasmin
Assistant Professor
Ph.D (UAF-Pakistan)
Specialization: Clinical Nutrition, Prebiotics, Dairy Technology

Dr. Bushra Niaz
Assistant Professor
Ph.D (UAF-Pakistan)
Specialization: Food Microbiology and Biotechnology

Dr. Muhammad Afzaal
Assistant Professor
Ph.D (GCUF-Pakistan)
Specialization: Food Safety and Biotechnology

Dr. Muhammad Haseeb Ahmad
Assistant Professor
Ph.D (Germany)
Specialization: Cereal Technology

Dr. Hafiza Saima Tahir
Assistant Professor
Ph.D (GCUF-Pakistan)
Specialization: Dairy Technology

Dr. Muhammad Bilal Husain
Assistant Professor
Ph.D (GCUF-Pakistan)
Specialization: Functional Foods and Nutraceuticals, Fruits and Vegetable Processing

Dr. Haroon Munir
Teaching Assistant
Ph.D (GCUF-Pakistan)
Specialization: Fruits and Vegetable Processing

Scheme of Studies
BS Food Science & Technology

Semester 1		
MTH-321 BHS-316	Mathematics-I OR Biology-I	3(3-0) 3(2-1)
STA-322	Introduction to Statistical Theory – I	3(3-0)
CSI-321	Introduction to Computing Applications	3(2-1)
PST-321	Pakistan Studies	2(2-0)
ENG-321	Functional English	3(3-0)
BCH-306	Essentials of Biochemistry	3(3-0)
FST-301	Introduction to Food Science and Technology	3(2-1)
+THQ-I	Teaching of The Holy Quran -I	1(1–0)
Semester 2		
MTH-322 BHS-317	Mathematics-II OR Biology-II	3(3-0) 3(2-1)
STA-323	Introduction to Statistical Theory – II	3(3-0)
ISL-321	Islamic Studies	2(2-0)
ISL-322	Ethics (for Non-Muslims only)	2(2-0)
ENG-322	English Composition and Comprehension	3(3-0)
FST-302	Food Production	3(2-1)
FST-304	Food Processing and Preservation	3(2-1)
HND-301	Principles of Human Nutrition	3(3-0)
Semester 3		
PHY-301	Mechanics-I	3 (3-0)
FST-403	Food Quality Management	2(2-0)
FST-405	Food Safety	3(3-0)
FST-407	Instrumental Techniques in Food Analysis	3(1-2)
FST-409	Food Chemistry	3(3-0)
MIC-301	General Microbiology	3(2-1)
+THQ-II	Teaching of The Holy Quran -II	1(1–0)
Semester 4		
FST-402	Food Business Management	3 (2-1)
FST-404	Dairy Technology	3 (2-1)
FST-406	Unit Operation in Food Processing	3 (2-1)
PHY-302	Mechanics-II	3 (3-0)
FST-408	Fruits and Vegetables Processing	3 (2-1)
FST-410	Food Process Engineering	3 (2-1)
Semester 5		
FST-501	Cereal Technology	3 (2-1)
FST-503	Sugar Technology	3 (2-1)
FST-505	Technology of Fats and Oils	3 (2-1)
FST-507	Food Microbiology	3 (2-1)

FST-509	Beverage Technology	3 (2-1)
FST-511	Meat Technology	3 (2-1)
+THQ-III	Teaching of The Holy Quran -III	1(1–0)
Semester 6		
HND-302	Community Nutrition	3 (2-1)
FST-504	Food Plant Layout and Sanitation	2 (2-0)
FST-506	Confectionery and Snack Foods	3 (2-1)
FST-508	Bakery Products Technology	3 (2-1)
FST-510	Postharvest Technology	3 (2-1)
FST-514	Food Product Development	3 (2-1)
FST-516	Research Projects and Scientific Writing	3 (2-1)
Semester 7		
FST-601	Extrusion Technology	3(2-1)
FST-603	Fundamentals of Halal Foods	3(3-0)
FST-605	Food Laws and Regulations	3(3-0)
FST-607	Food Biotechnology	3(2-1)
FST-609	Food Packaging	3(2-1)
FST-611	Poultry, Egg and Fish Processing	3(2-1)
+THQ-IV	Teaching of The Holy Quran -IV	1(1–0)
Semester 8		
FST-632	Internship	10(0-10)

MS/PhD Food Science & Technology

FST-701	Food Additives	3(2-1)
FST-702	Food Toxicology	3(3-0)
FST-703	Advanced Food Chemistry	3(2-1)
FST-704	Food Enzymology	3(2-1)
FST-705	Advanced Food Biotechnology	3(2-1)
FST-706	Advanced Food Microbiology	3(2-1)
FST-707	Recent Advances in Food Science and Technology	3(3-0)
FST-708	Advanced Beverage Technology	3(2-1)
FST-709	Food Quality Assurance Management	3(3-0)
FST-710	Food Chain Management	3(3-0)
FST-711	Milling of Cereals	3(2-1)
FST-712	Baking Science and Technology-I	3(2-1)
FST-713	Baking Science and Technology-II	3(2-1)
FST-714	Starch Chemistry and Technology	3(2-1)
FST-715	Dairy Processing-I	3(2-1)
FST-716	Dairy Processing –II	3(2-1)
FST-717	Chemistry of Edible Oils and Fats	3(2-1)
FST-718	Industrial Processing Technol. of Edible Oils and Fats Products	3(2-1)
FST-719	Technology of Spices and Condiments	3(3-0)
FST-720	Meat Science	3(2-1)
FST-721	Technology of Processed Meat	3(2-1)
FST-722	Prebiotics and Probiotics	3(3-0)
FST-723	Functional Foods and Nutraceuticals	3(2-1)
FST-724	Postharvest Management	3(3-0)
FST-725	Food Packaging	3(2-1)
FST-726	Physical Properties of Food	3(2-1)
FST-727	Food Industrial Waste Management	3(3-0)
Other mandatory requirements for MS		
STA-795	Statistics for Research	3(2-1)
FST-727	Special Problem	1(1-0)
FST-728	Seminar (General)	1(0-1)
FST-730	Thesis	6(0-6)
Other mandatory requirements for PhD		
STA-795	Statistics for Research	3(2-1)
FST-757	Special Problem	1(0-1)
FST-758	Seminar (General)	1(0-1)
FST-759	Seminar (Research)	1(0-1)
FST-760	Thesis	

Minor Courses: To be offered during Fall and Spring semesters as per departmental decision and selected from other Departments i.e. Biochemistry, Microbiology and Biotechnology
Deficiency Courses: Compulsory to fulfill the requirements of research based degree program (Statistics, Biochemistry)

MS Dairy Technology

DST -701	Milk Production	3(2-1)
DST -702	Dairy Chemistry	3(2-1)
DST -703	Technology of Fluid Milk Products	3(2-1)
DST-704	Concentrated and Dried Milk Products	3(2-1)
DST-705	Fermented Milk Products	3(2-1)
DST-706	Cheese Technology	3(2-1)
DST-707	Dairy Starters	3(2-1)
DST-708	Dairy Quality Management Systems	3(3-0)
DST-709	Sensory Evaluation of Dairy Products	3(2-1)
DST-710	Innovations in Dairy Technology	3(3-0)
DST-711	Dairy Products Packaging	3(2-1)
DST-712	Dairy supply chain management	3(3-0)
Other mandatory requirements for MS		
STA-795	Statistics for Research	3(2-1)
DST-719	Special Problem	1(0-1)
DST-728	Seminar (General)	1(0-1)
DST-729	Seminar (Research)	1(0-1)
DST-730	Thesis	6(0-6)

MS Food Safety and Quality Management

FSQM-701	Food Safety and Quality	3(2-1)
FSQM-702	Food Quality Management	3(3-0)
FSQM-703	Food Safety and Quality Control Systems	3(2-1)
FSQM-704	Food Toxicology	3(3-0)
FSQM-705	Food Laws and Regulations	3(3-0)
FSQM-706	Public Health	3(3-0)
FSQM-707	Hygiene and Food Plant Sanitation	3(3-0)
FSQM-708	Food Auditing and Inspections	3(3-0)
FSQM-709	Food Labeling	3(3-0)
FSQM-710	Food Traceability and Authenticity	3(2-1)
FSQM-711	Safe Handling of Foods	3(3-0)
FSQM-712	Preharvest and Postharvest Food Safety	3(3-0)
FSQM-713	Food Supply Chain Management	3(3-0)
FSQM-714	Consumer Behavior& Preferences	3(3-0)
FSQM-719	Special Problem	1(1-0)
Other mandatory requirements for MS		
STA-795	Statistics for Research	3(2-1)
FSQM-719	Special Problem	1(0-1)
FSQM-728	Seminar (General)	1(0-1)
FSQM-729	Seminar (Research)	1(0-1)
FSQM-730	Thesis	6(0-6)

MS Food Service & Hospitality Managment

FSH-701	Food Service Operations	3(2-1)
FSH-702	Food and Beverage Management	3(2-1)
FSH-703	Culinary Arts and Kitchen Management	3(2-1)
FSH-704	Hotel Management	3(2-1)
FSH-705	Nutrition and Food Services	3(2-1)
FSH-706	Trends and Challenges In Food Service Industry	3(3-0)
FSH-707	Human Resource Management In Food Service Industry	3(3-0)
FSH-708	Consumer Behavior and Business Communication	3(3-0)
FSH-709	Food and Beverage Marketing	3(3-0)
FSH-710	Food Entrepreneurship	3(2-1)
FSH-711	Catering Science	3(2-1)
FSH-712	Communication Fundamentals In Hospitality Sector	3(2-1)
Other mandatory requirements for MS		
STA-795	Statistics for Research	3(2-1)
FSH-719	Special Problem	1(0-1)
FSH-728	Seminar (General)	1(0-1)
FSH-729	Seminar (Research)	1(0-1)
FSH-730	Thesis / case study	6(0-6)

MS Halal Sciences

HS-701	Halal and Haraam in the Light of Quran and Sunnah	3(3-0)
HS-702	Introduction to Islamic Fiqh about Foods & Beverages	3(3-0)
HS-703	Introduction to Science of Halal	3(3-0)
HS-704	Global Halal Issues	3(3-0)
HS-705	Halal Products and Services	3(3-0)
HS-706	Food Safety and Hygiene	3(3-0)
HS-707	Shariah Guidelines on Slaughtering & Halal Meat	3(2-1)
HS-708	Halal Economy, Trade & Finance	3(3-0)
HS-709	Food Inspection	3(3-0)
HS-710	Halal Pharmaceuticals / Non-food halal items	3(3-0)
HS-711	Halal Cosmetics/ Halal standards and regulations	3(3-0)

Stat-701	Advanced Sampling analytical Techniques	3(3-0)
Other mandatory requirements for MS		
STA-795	Statistics for Research	3(2-1)
HS-719	Special Problem	1(0-1)
HS-728	Seminar (General)	1(0-1)
HS-729	Seminar (Research)	1(0-1)
HS-730	Thesis / case study	6(0-6)











Institute of Microbiology

Phone: 041-9203023
Email: microbiology@gcuf.edu.pk



Vision

Institute of Microbiology is envisioned to be a hub of scientific knowledge and research in the field of Microbiology which would be greatly beneficial for the development and prosperity of the country through knowledge based economy.

Mission

To advance the understandings of units of life, disease mechanisms and translate this knowledge into diagnostics, therapies and cures.

To empower curiosity-driven research through collaboration, technology and inventiveness.

To play its part to combat the current global health challenges and help to devise & implement national health policies.

Introduction

In spite of their very small size, the impact of microbes on the planet is so extensive that life without them is almost impossible. Microbiology is an exceptionally diverse science which deals with the study of microorganisms in relation to disease, industry, medicine, environment and modern biotechnology. The study of microorganisms cannot be overemphasized as they are necessary for the production of bread, cheese, antibiotics, vitamins, organic acids, enzymes, biologics, sera and vaccines. Over and above, microbes also serve as the basis and the major tools in the fields of Molecular Biology, Modern Biotechnology and Genetic Engineering. They are indispensable components of our ecosystem. Unfortunately some microbes cause all the known diseases in humans, animals and plants causing heavy morbidity and mortality.

Institute is focusing on academic and research collaborations with different National and International teaching and research institutes as well as with local industries through internship programs and combined research projects. The key focus is to conduct applied and problem solving research in different fields of Microbiology. In addition to academics and research, students of this institute are equally bright and talented in extra-curricular and co-curricular activities and have won a number of laurels for the institute.

Microbiology is a broad discipline which has both basic and applied aspects. Many microbiologists are interested primarily in the biology of the microorganisms themselves whereas others may be interested in particular functional processes. Some microbiologists may have an applied orientation and would be interested in practical problems in the fields of medical, pharmaceutical, food, dairy and public health Microbiology. With WTO agreement in offering, every agro-based industry and the industry involved in production and export of biopharmaceuticals, biologics, vaccines, sera and diagnostics will be required to hire a Microbiologist / Immunologist at its strength to satisfy ISO certification needs. Therefore the graduates and post graduate students from Institute of Microbiology Government College University Faisalabad will have a very bright and attractive career ahead in public as well as in private sector.

Faculty members of Institute of Microbiology have won Several research projects under NRPU, PSF, HSP-USA and from other international & national funding agencies and published a number of research papers in Impact Factor Journals.



Programs Offered

1. BS Microbiology
2. M.Phil Microbiology
3. M.Phil Virology
4. PhD Microbiology

Director: Prof. Dr. Muhammad Hidayat Rasool

Faculty

Prof. Dr. Muhammad Hidayat Rasool
Director IOM
PhD (UAF-Pakistan)
Specialization: Immunology, Molecular Virology, Cell Culture

Dr. Muhammad Asif Zahoor
Associate Professor (Tenured)
PhD (Austria)
Specialization: Molecular Biology, Immunology, Virology

Dr. Bilal Aslam
Associate Professor (Tenured)
PhD (UAF-Pakistan)
Specialization: Bacteriology, Immunology

Dr. Saima Muzammil
Associate Professor (Tenured)
PhD (France)
Specialization: Agricultural Microbiology, Biotechnology

Dr. Muhammad Zeeshan Nawaz
Associate Professor (Tenured)
PhD (UAF - Pakistan)
Specialization: Epidemiology, Virology

Dr. Muhammad Shafique
Associate Professor (Tenured)
PhD (Netherland)
Specialization: Biotechnology, Virology, Cell culture, Vaccinology

Dr. Mohsin Khurshid
Associate Professor
PhD (GCUF)
Specialization: Medical Microbiology, Infectious Diseases, Molecular Biology, Microbial Pathogenesis

Dr. Abu Baker Siddique
Assistant Professor
PhD (UAF)
Specialization: Bacteriology, Molecular Biology

Dr. Muhammad Usman Qamar
Assistant Professor
PhD (UHS)
Specialization: Medical & Clinical Microbiology

Dr. Samreen Hayat
Assistant Professor (OPS)
PhD (PU)
Specialization: Medical Microbiology

Dr. Gul Naz
Assistant Professor (OPS)
PhD (UVAS)
Specialization: Microbiology, Mycology

Dr. Zeeshan Taj
Assistant Professor (OPS)
PhD (GCUF)
Specialization: Bacteriology, Molecular Biology

Dr. Muhammad Atif Nisar
Assistant Professor (OPS)
PhD (Australia)
Specialization: Molecular Biology, Proteomics, Microbiome

Mr. Muhammad Saqalein
Lecturer
M. Phil (UAF)
Specialization: Bacteriology, Immunology

Ms. Sara Mahmood
Lecturer
M. Phil (NIBGE)
Specialization: Bioinformatics, Biotechnology, Genotoxicity

Ms. Ayesha Sarwar
Lecturer
M. Phil (UAF)
Specialization: Bacteriology, Food Microbiology

Scheme of Studies
BS Microbiology

Semester 1		
MIC-301	Introductory Microbiology	3(2-1)
MIC-303	Microbial Taxonomy	3(3-0)
BCH-301	Introductory Biochemistry	4(3-1)
BOT-301	Diversity of Plants	4(3-1)
ISL-321	Islamic Studies	2(2-0)
ISL-322	Ethics (For Non-Muslim only)	2(2-0)
PST-321	Pakistan Studies	2(2-0)
ENG-321	Functional English	3(3-0)
+THQ-I	Teaching of The Holy Quran -I	1(1–0)
Semester 2		
MIC-302	Cell Biology	3(3-0)
MIC-304	Microbial Anatomy and Physiology	3(2-1)
MIC-306	Human Physiology	3(2-1)
ZOL-301	Principles in Animal Life-I	4(3-1)
ENG-322	English Comprehension and Composition	3(3-0)
MTH-321	Algebra and Trigonometry	3(3-0)
Semester 3		
MIC-401	Basic Pathology	3(2-1)
MIC-403	Bacteriology	3(2-1)
MIC-405	Mycology	3(2-1)
MIC-407	Biosafety and Risk Management	3(2-1)
ENG-422	Technical Writing	3(3-0)
CSI-321	Introduction to Computing Applications	3(2-1)
+THQ-II	Teaching of The Holy Quran -II	1(1–0)
Semester 4		
MIC-402	General Virology	3(2-1)
MIC-404	Immunology	3(2-1)
MIC-406	Parasitology	3(2-1)
MIC-408	Epidemiology, Public Health and Bioethics	3(3-0)
MIC-410	Laboratory Animals and Model Organisms	2(0-2)
STA-507	Biostatistics	3(3-0)
Semester 5		
MIC-501	Systemic Virology	3(2-1)
MIC-503	Cell and Tissue Culture	3(2-1)
MIC-505	Microbial Genetics	3(3-0)
MIC-507	Molecular Biology and Biotechnology	3(2-1)
MIC-509	Food Microbiology	3(2-1)
MIC-511	Infectious Waste Management	3(2-1)
+THQ-III	Teaching of The Holy Quran -III	1(1–0)
Semester 6		
MIC-502	Vaccinology	3(2-1)
MIC-504	Environmental Microbiology	3(2-1)
MIC-506	Medical Microbiology	3(2-1)

MIC-508	Veterinary Microbiology	3(2-1)
MIC-510	Microbial Enzymology	3(3-0)
BIN-422	Introduction to Bioinformatics	3(2-1)
Semester 7		
MIC-601	Diagnostic Microbiology	3(2-1)
MIC-603	Soil and Agricultural Microbiology	3(2-1)
MIC-605	Marine and Fresh Water Microbiology	3(2-1)
MIC-607	Pharmaceutical and Industrial Microbiology	4(3-1)
MIC-609	Genetic Engineering	3(2-1)
MIC-611	Research Methodology	2(2-0)
+THQ-IV	Teaching of The Holy Quran -IV	1(1–0)
Semester 8		
MIC-631	Project	3(0-3)
MIC-632	Internship	3(0-3)
+ Audit Course		

MPhil/PhD Microbiology

MIC-700	Microbiological Techniques	3(2-1)
MIC-701	Advanced Microbiology	3(2-1)
MIC-702	Advanced Bacteriology	3(2-1)
MIC-703	Advanced Mycology	3(2-1)
MIC-704	Advanced Virology	3(2-1)
MIC-705	Advanced Immunology	3(2-1)
MIC-706	Advanced Biorisk Management	3(2-1)
MIC-707	Tissue Culture Technology	3(2-1)
MIC-708	Advanced Vaccinology	3(2-1)
MIC-709	Advanced Medical Microbiology	3(2-1)
MIC-710	Advanced Parasitology	3(2-1)
MIC-711	Advanced Epidemiology and Public Health	3(2-1)
MIC-712	Public Health Microbiology	3(3-0)
MIC-713	Anaerobic Microbiology	3(2-1)
MIC-714	Microbial Physiology	3(3-0)
MIC-715	Advanced Microbial Genetics	3(3-0)
MIC-716	Molecular Biology of Bacterial Viruses	3(3-0)
MIC -717	Computational Biology and Bioinformatics	3(3-0)
MIC-718	Molecular Biology Techniques	3(2-1)
MIC-719	Recombinant DNA Technology	3(3-0)
MIC-720	DNA Damage, Repair and Carcinogenesis	3(3-0)
MIC-721	Antimicrobial Agents and Resistance	3(3-0)
MIC-722	Nano-Biotechnology	3(3-0)
MIC-723	Industrial and Pharmaceutical Microbiology	3(2-1)
MIC-724	Food and Dairy Microbiology	3(2-1)
MIC-725	Advanced Environmental Microbiology	3(3-0)
MIC-726	Research Methodology and Scientific Writing	2(2-0)
Mandatory Requirements for MPhil		
STA-795	Statistics for Research	3(2-1)
MIC-728	Seminar (General)	1(0-1)
MIC-729	Seminar (Research)	1(0-1)
MIC-730	Thesis	6(0-6)
Mandatory Requirements for PhD		
STA-795	Statistics for Research	3(2-1)
MIC-758	Seminar (General)	1(0-1)
MIC-759	Seminar (Research)	1(0-1)
MIC-760	Thesis	

MPhil Virology

VIR-701	Molecular Virology	3(3-0)
VIR-702	Human Viruses	3(3-0)
VIR-703	Animal Viruses	3(3-0)
VIR-704	Plant Viruses	3(3-0)
VIR-705	Bacterial Viruses	3(3-0)
VIR-706	Viruses and Cancer	3(3-0)
VIR-707	Viral Disease Diagnostics	3(2-1)
VIR-708	Epidemiology of Viral Diseases	3(3-0)
VIR-709	Cellular and Molecular Immunology	3(3-0)
VIR-710	Viral Vaccine Development	3(3-0)
VIR-711	Cultivation Methods for Viruses	3(3-0)
VIR-712	Antiviral Therapeutics	3(3-0)
VIR-713	Food and Environmental Virology	3(3-0)
VIR-714	Research Methodology and Scientific Writing	2(2-0)
Mandatory Requirements for MPhil		
STA-795	Statistics for Research	3(2-1)
VIR-728	Seminar (General)	1(0-1)
VIR-729	Seminar (Research)	1(0-1)
VIR-730	Thesis	6(0-6)



Department of Physical Education & Sports Sciences

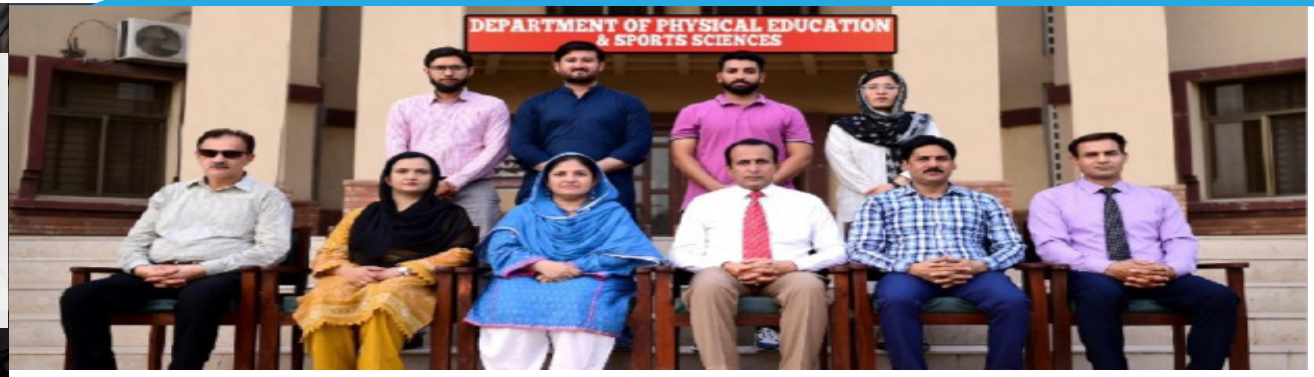
Phone: 041-9203054
Email: physical.education@gcuf.edu.pk



Programs Offered

1. BS Physical Education
2. BS Bridging Physical Education
3. M.Phil. Physical Education

Chairperson : Dr. Saeed Javed



Vision

We aim to be a leader of the disciplines of Physical Education and Sports Sciences by developing tools and excelling in Sports techniques, Scholarship and exploiting opportunities for academic research.

Mission

The Mission of the Department is to provide a committed and professional skills, techniques and knowledge of different Sports, which may be recognized as exemplary by its users by behaving in an approachable and courteous manner using available technologies appropriately to achieve objectives effectively at National and International level in the field of Physical Education and Sports Sciences.

Introduction

The study of Physical Education and Sports Sciences has been vital Importance in this age of science and technology. A nation cannot safe guard it's domestic and foreign interest and get its due status at National and International level without using the latest techniques of Physical Education and Sports Sciences in their professional and daily routine Life.

The Department will play a vital role in promoting different games at National and International level and is striving to sensitize and humanize its students in enabling them to become the leader in the field of Physical Education and Sports Science.

Faculty

Dr. Saeed Javed
Associate Professor /Chairperson
Ph.D. (Universiti Pendidikan Sultan Idris – Malaysia)
Specialization: Sports Coaching

Dr. Abida Naseer
Assistant Professor
Ph.D. (Universiti Pendidikan Sultan Idris – Malaysia)
Specialization: Sports Sciences

Mr. Aamir Nawaz Qazi
Lecturer
M.Phil. (Riphah – Pakistan)
Specialization: Sports Sciences & Physical Education

Mr. Ishfaq Ali
Lecturer
M.Phil. (Riphah – Pakistan)
Specialization: Sports Sciences & Physical Education

Mr. Imran Ullah Khan
Coach
M.Phil. (Riphah – Pakistan)
Specialization: Sports Sciences & Physical Education

BS Physical Education

Semester 1		
PHE-301	Philosophical Basis of Physical Education	3(3-0)
PHE-303	Games Practical-I (Football)	3(1-2)
MCM-301	Introduction to Communication	2(2-0)
ENG-321	Functional English	3(3-0)
ISL-321	Islamic Studies	2(2-0)
QTR-421	Quantitative Reasoning (I)	3(3-0)
THQ-I	Teaching of the Holy Quran-I	1(1-0)
Semester 2		
PHE-302	Role of Sports Media	3(3-0)

PHE-304	Athletics Practical-I (Track Events)	3(1-2)
ICP-321	Ideology and Constitution of Pakistan	2(2-0)
WSC-321	What is Science?	3(3-0)
ENG-322	Expository Writing	3(3-0)
PSY-614	Introduction to Psychology	3(3-0)
Semester 3		
GEO-301	Fundamentals of Geography	3(3-0)
IRS-301	Introduction to International Relations	3(3-0)
PHE-305	Sports Psychology	3(3-0)
PHE-307	Games Practical-II (Volleyball)	3(1-2)
PST-321	Pakistan Studies	2(2-0)
QTR-422	Quantitative Reasoning (II)	3(3-0)
THQ-II	Teaching of The Holy Quran-II	1(1-0)
Semester 4		
PHE-306	Administration and Management in Physical Education	3(3-0)
SOC-307	Introduction to Sociology	3(3-0)
PHE-308	Games Practical-III (Badminton)	3(1-2)
PHE-310	Scouting (Rovering) / Girl Guiding	2(1-1)
ICT-321	Applications of Information & Communication Technologies	3(2-1)
CCE-421	Civics and Community Engagement	2(2-0)
ENT-422	Entrepreneurship	2(2-0)
Semester 5		
PHE-309	Methods of Sports Training	3(2-1)
PHE-311	Physical Education for Special Population	3(3-0)
PHE-313	Human Anatomical Structures in Sports	3(3-0)
PHE-315	Sports Sociology	3(3-0)
PHE-317	Games Practical-IV (Hockey)	3(1-2)
PHE-319	Athletics Practical-II (Throws)	3(1-2)
THQ-III	Teaching of The Holy Quran – III	1(1-0)
Semester 6		
PHE-312	Sports Injuries, Trauma & Rehabilitation	3(3-0)
PHE-314	Scientific Sports Coaching	3(2-1)
PHE-316	Science of Movement Education	3(3-0)
PHE-318	Exercise Physiology	3(3-0)
PHE-320	Games Practical-V (Table Tennis)	3(1-2)
PHE-322	Gymnastics Practical	3(1-2)

Semester 7		
PHE-321	Research Methods in Physical Education	3(3-0)
PHE-323	Sports Biomechanics	3(3-0)
PHE-325	Sports Nutrition	3(3-0)
PHE-327	Athletics Practical-III (Jumps)	3(1-2)
*PHE-329/ *PHE-331/ *PHE-333	Elective-I: Specialization in One Game: 1.Cricket(331) / 2.Basketball(333) / 3.Handball(335)	3(1-2)
CAP-630	Capstone Project	3(0-3)
THQ-IV	Teaching of The Holy Quran -IV	1(1–0)
Semester 8		
PHE-324	Sports Medicine	3(3-0)
PHE-326	Test, Measurement and Evaluation in Physical Education	3(3-0)
PHE-328	Curriculum Development in Physical Education	3(3-0)
PHE-330	Swimming (Boys) / Netball (Girls) Practical	3(1-2)
PHE-332	Hiking & Hill Trekking	3(1-2)
INT-631	Field Experience	3(0-3)

Elective Subjects

* Select any one course from list of elective courses		
PHE-329	Specialization in Cricket	3(1-2)
PHE-331	Specialization in Basketball	3(1-2)
PHE-333	Specialization in Handball	3(1-2)

BS 5th Semester Bridging (Physical Education)

Bridge Semester		
PHE-302	Role of Sports Media (Deficiency Course)	3(3-0)
PHE-305	Sports Psychology (Deficiency Course)	3(3-0)
PHE-306	Athletics Practical (Races and Throws) & Rovering /Girl Guiding (Deficiency Course)	3(1-2)
PHE-307	Games Practical (Football, Volleyball, Basketball, Badminton) (Deficiency Course)	3(1-2)
PHE-308	Philosophical Basis of Physical Education & Recreation (Deficiency Course)	3(3-0)
PHE-310	Administration and Management in Physical Education (Deficiency Course)	3(3-0)
Semester 1		
PHE-311	Science of Sports Training	3(2-1)

PHE-313	Physical Education for Special Population	3(3-0)
PHE-315	Sports Nutrition	3(3-0)
PHE-317	Movement Education	3(3-0)
PHE-319	Games Practical-V (Hockey)	3(1-2)
PHE-321	Athletics Practical-IV (Jumps)	3(1-2)
ISL-511	Teaching of the Holy Quran – III	1(1-0)
Semester 2		
PHE-318	Research Methodology in Physical Education	3(3-0)
PHE-320	Test, Measurement & Evaluation in Physical Education	3(3-0)
PHE-322	Sociological Aspects in Sports	3(3-0)
PHE-324	Exercise Physiology	3(3-0)
PHE-326	Games Practical-VI (Table Tennis)	3(1-2)
*PHE-328-332	Specialization in One Track & Field Event: (1.Sprint Races(328); 2.Jupms(330); 3.Throws(332)	3(1-2)
Semester 3		
PHE-323	Trauma & Rehabilitation in Physical Education	3(3-0)
PHE-325	Sports Biomechanics	3(3-0)
PHE-327	Introduction to Statistics in Sports	3(2-1)
PHE-329	Gymnastic (Practical)	3(1-2)
*PHE-331-341	Specialization in One Game: (1.Hockey(331); 2.Football(333); 3.Cricket(335); 4.Basketball(337); 5.Handball(339); 6.Badminton(341)	3(2-1)
ISL-611	Teaching of the Holy Quran – IV	1(1-0)
Semester 4		
PHE-334	Sports Medicine	3(3-0)
PHE-336	Methods of Sports Coaching	3(3-0)
PHE-338	Research Thesis / Project	4(0-4)
PHE-340	Netball for Girls / Swimming for Boys	3(1-2)
PHE-342	Hiking & Hill Tracking	3(1-2)
* Select any one course from list of elective courses		
PHE-328	Specialization in Track Event (Sprint Races)	3(2-1)
PHE-330	Specialization in Field Event (Jumps)	3(2-1)
PHE-332	Specialization in Field Event (Throws)	3(2-1)
** Select any one course from list of elective courses		
PHE-331	Specialization in Hockey	3(2-1)
PHE-333	Specialization in Football	3(2-1)

PHE-335	Specialization in Cricket	3(2-1)
PHE-337	Specialization in Basketball	3(2-1)
PHE-339	Specialization in Handball	3(2-1)
PHE-341	Specialization in Badminton	3(2-1)

M.Phil. Physical Education

Semester 1		
PES-701	Training Methods, Theories & Training Planning	3(3+0)
PES-703	Educational Measurement and Evaluation in Physical Education	3(3+0)
PES-715	Seminar-I (General)	1(0-1)
Optional Courses		
PES-705	Advance Educational Research Methods in Physical Education	3(3-0)
PES-707	Leadership: Theory & Practice	3(3-0)
PES-709	Computer Applications in Physical Education	3(2-1)
PES-711	Media Management & Sports Marketing	3(3-0)
PES-713	Special Education	3(3-0)
PES-717	Functional Sports Coaching	3(3-0)
PES-719	Sports Biomechanics	3(3-0)
PES-721	Sports Management and Olympic Movement	3(3-0)
Semester 2		
PES-705	Advance Educational Research Methods in Physical Education	3(3-0)
PES-707	Leadership: Theory & Practice	3(3-0)
PES-716	Seminar-II (Research)	1(0-1)
Optional Courses		
PES-706	Curriculum Planning and Development in Physical Education	3(3-0)
PES-708	Sports Medicine	3(3-0)
PES-710	Sports and Exercise Psychology	3(3-0)
PES-712	Talent Identification & Development	3(3-0)
PES-714	Statistical Analysis in Sports	3(1-2)
PES-718	Concepts of Sociology in Sports	3(3-0)
PES-720	Strategic Sports Marketing	3(3-0)
PES-722	Concept of Health, Fitness, and Wellness	3(3-0)
Semester 3 & 4		

PES-730	Research Work / Thesis	6(0-6)











Department of Physiology

Phone: 041-9203030
Email: physiology@gcuf.edu.pk



Programs Offered

1. BS Physiology
2. MPhil Physiology
3. PhD Physiology

Chairperson: Dr. Ghulam Hussain



Vision

To provide high standard education and research activities to aspire undergraduate and postgraduate students to meet the international standards.

Mission

To provide high-tech theoretical and practical knowledge/skills to the students through quality teaching and research.

Introduction

- It's a comparatively rare department in other universities of the country, so BS Physiology is an emerging professional degree that needs enormous dedication and hard work as well as the space of growth as a professional career. The department of Physiology is therefore established with the vision of giving the maximum output in teaching and research, keeping in view the minimum available resources.
- The use of electronic media is encouraged to teach the students so that learning capabilities can be further enhanced.
- Study tours in the national eminent research, as well as teaching institutes, will be planned for the healthy exposure of students.
- Target-based progress plans with a suggested time frame will be set to get the required progress in limited time.
- Along with academics, a Physiologist has an enormous role to play in public health services including diagnostics, pharmaceuticals, health centers, food industry, Reagents, analytical kits, instrument manufacturers.
- Students will be encouraged to actively participate in the extracurricular activities of the University, which will be a healthy exercise to groom their physical and mental capabilities.

Achievements of the Department

- Organized international and national seminars
- Participation and oral presentations in international conferences
- Won a research grant worth 7.2 million from Punjab Agriculture Research Board
- Won a research grant worth 1.48 million from the Pakistan Agriculture Research Council.
- Submitted more than six projects to various funding agencies.
- Won eight travel grants to present the research work internationally.
- Won 2 NRPU research grants worth 3.5 and 3.1 million respectively

Faculty

Dr. Ghulam Hussain
Associate Professor / Chairperson
PhD (University of Strasbourg - France)
Specialization: Neurosciences

Dr. Haseeb Anwar
Associate Professor
PhD (UAF-Pakistan)
Specialization: Bio-health Markers/ Endocrinology

Dr. Shahzad Irfan
Assistant Professor
PhD (QAU-Pakistan)
Specialization: Reproductive Physiology

Dr Humaira Muzaffar
Assistant Professor
PhD (UAF-Pakistan).
Specialization: Nutrigenomics & Metabolic Disorders

Dr. Arslan Iftikhar
Assistant Professor
PhD (University of Strasbourg - France)
Specialization: Molecular Biology, Alternative Medicines

Dr. Arslan Shaukat
Assistant Professor
PhD (GCUF-Pakistan)
Specialization: Nanotechnology

Dr. Imran Mukhtar
Assistant Professor
PhD (GCUF-Pakistan)
Specialization: Gut microbiome, Microbe-Drug Interactions

Dr. Shabnoor Iqbal
Teaching Assistant
PhD (GCUF-Pakistan)
Specialization: Toxicology, Pharmacology, Molecular Biology

BS Physiology

Semester 1		
PHS-300	Functional Anatomy	4 (3-1)
PHS-303	Cell and Molecular Biology	3 (2-1)
BCH-322	Elementary Biochemistry	3 (2-1)
ICP-321	Ideology and Constitution of Pakistan	2 (2-0)
ENG-321	Functional English	3 (3-0)
ISL-321 ISL-322	Islamic Studies / Ethics (for Non-Muslims only)	2 (2-0)
+THQ-I	Teaching of The Holy Quran -I	1(1–0)
Semester 2		
PHS-302	Applied Physiology	3 (2-1)
PHS-405	Physiology of Blood and Extracellular Fluid	3 (2-1)
PSY-321	Introduction to Psychology	2 (2-0)
CCE-421	Civics and Community Engagement	2 (2-0)
QTR-421	Quantitative Reasoning I	3 (3-0)
ENG-322	Expository Writing	3 (3-0)
PST-321	Pakistan Studies	2 (2-0)
Semester 3		
PHS-401	Physiology of Digestion & Metabolism	3 (2-1)
PHS-403	Physiology of Respiratory System	3 (2-1)
PHS-407	Renal Physiology	3 (2-1)
GSC-321	The Science of Global Challenges	3 (3-0)
QTR-422	Quantitative Reasoning II	3 (3-0)
ICT-321	Applications of Information and Communication Technologies	3 (3-0)
+THQ-II	Teaching of The Holy Quran -II	1(1–0)
Semester 4		
PHS-402	Cardiovascular Physiology	4 (3-1)
PHS-404	Nerve and Muscle Physiology	3 (2-1)
PHS-406	Homeostasis	2 (2-0)
PHS-410	General Immunology	3 (2-1)
BIN-422	Introduction to Bioinformatics	3 (2-1)
ENP-422	Entrepreneurship	2 (2-0)
Semester 5		
PHS-501	Neurophysiology	4 (3-1)
PHS-503	Endocrinology	3 (2-1)
PHS-505	General and Systemic Pharmacology	4 (3-1)
PHS-507	Principles of Human Nutrition	3 (3-0)
PHS-509	Human and Animal Behavior	3 (2-1)
+THQ-III	Teaching of The Holy Quran -III	1(1–0)
Semester 6		
PHS-502	Biology of Development	3 (3-0)
PHS-504	Reproductive Physiology	3 (2-1)
PHS-506	Physiology of Sensory System	3 (2-1)
PHS-508	Comparative Physiology	3 (2-1)
BIT-405	Introduction to Biotechnology	3 (2-1)
SAT-507	Biostatistics	3 (3-0)
Semester 7		
PHS-601	Electrophysiology	3 (2-1)
PHS-603	Sports & Exercise Physiology	3 (2-1)
PHS-607	Pathophysiology	3 (2-1)
PHS-609	Research Methods in Biosciences	3 (3-0)
PHS-613	Clinical Physiology and Diagnostics	3 (1-2)
+THQ-IV	Teaching of The Holy Quran -IV	1(1–0)
Semester 8		
CAP-630	Capstone Project	3 (0-3)
INT-631	Internship	3 (0-3)
PHS-634	Seminar	1 (0-1)

MPhil/PhD Physiology

PHS-701	Principles of Physiology and Homeostasis	3(3-0)
PHS-702	Physiology of Respiratory System	3(2-1)
PHS-703	Nerve and Muscle Physiology	3(2-1)
PHS-704	Physiology of Blood and Cardiovascular System	3(2-1)
PHS-705	Physiology of Nervous System	3(2-1)
PHS-706	Advanced Immunology	3(2-1)
PHS-707	Reproductive Physiology	3(2-1)
PHS-708	Physiology of Digestion and Metabolism	3(2-1)
PHS-709	Physiology of Sensory System	3(2-1)
PHS-710	Physiology of Kidney and Acid Base Balance	3(2-1)
PHS-711	Advanced Endocrinology	3(2-1)
PHS-713	Microbial Physiology	3(2-1)
PHS-714	Comparative Physiology	3(3-0)
PHS-715	Physiological Techniques	3(1-2)
PHS-716	Fermentation and Gut Physiology	3(2-1)
PHS-717	Research Methods in Biosciences	3(3-0)
PHS-718	Nutrition Physiology	3(2-1)
PHS-719	Functional Genomics and Proteomics	3(2-1)
PHS-720	Sports and Exercise Physiology	3(3-0)
PHS-721	Advances in Pathologic Physiology	3(2-1)
PHS-722	Advanced Avian Physiology	3(2-1)
PHS-723	Epigenetics and Gene Regulation	3(3-0)
PHS-724	Advanced Environmental Physiology	3(3-0)
PHS-725	Nanotechnology and its Applications in Physiology	3(2-1)
PHS-726	Advanced Cell Physiology	3(2-1)
PHS-731	Molecular Neurophysiology	3(2-1)
PHS-732	Molecular Mechanisms of Neurodegeneration and Regeneration	3(2-1)
PHS-733	Biosafety and Laboratory Ethics	3(2-1)
PHS-734	Research Ethics	3(3-0)
PHS-735	The Gut Microbiome	3(2-1)
Mandatory requirements for MPhil		
STA-795	Statistics for Research	3(2-1)
PHS-727	Special Problem	1(0-1)
PHS-728	Seminar (General)	1(0-1)

PHS-729	Seminar (Research)	1(0-1)
PHS-730	Thesis	6(0-6)
Mandatory Requirements for PhD		
STA-795	Statistics for Research	3(2-1)
PHS-757	Special Problem	1(0-1)
PHS-758	Seminar (General)	1(0-1)
PHS-759	Seminar (Research)	1(0-1)
PHS-760	Thesis	















Department of Zoology

Phone: 041-9201206
Email: zoology@gcuf.edu.pk



Programs Offered

1. BS Zoology
2. Bs Bridging Zology
3. MPhil Zoology
4. PhD Zoology

Chairperson: Prof. Dr. Salma Sultana



Vision

To align multidisciplinary approaches towards wide areas of biological sciences, the department strives to be a centre of excellence in teaching as well as in diverse areas of research to promote knowledge, skills and expertise in students required to serve the society as educators, University/College teachers, research scientists and administrators.

Mission

To meet the dire need of coming decades, the Department of Zoology is committed to impart most recent and updated education to students, to deliver society-oriented and need-based research, to promote academia-industry linkage, to hold regular seminars by invited speakers and subject specialists for the scientific grooming of students and faculty and to develop a collaboration both at national and international levels.

Introduction

Department of Zoology was established in 1989 for the teaching of graduate and post graduate courses affiliated with University of the Punjab, Lahore, then took a mature turn after the up-gradation of Govt. College Faisalabad as Govt. College University Faisalabad in 2002. Later on launching of MPhil, PhD and Honors programs added to its status and it has come forth as one of the academically sound Department of the country. The high profile motivated faculty loaded with initiative and drive is key strength of the Department. The fully equipped laboratories, well-furnished class rooms and updated spacious library provide the best possible facilities to the students in their academic pursuits. All the faculty members under the dynamic leadership of Prof. Dr. Salma Sultana are striving hard and exercising their potentials to the maximum extent focusing the activity based learning. University industry linkage program for the joint research ventures have been established. For this purpose the Department has established a linkage through signing MoUs with Newcastle University UK, WASA, Punjab Fisheries Department and University sains Malaysia an objective of sharing research facilities for educational and career development of the students coherent with professional requirements. The Department believes in its uplifting at world recognized level through imparting outstanding teaching and research by awarding degree in academic programs of BS, MSc, MPhil and PhD in Zoology. The department has recruited foreign qualified PhD faculty members to broaden the teaching and research horizon to face the modern challenges in the field of Life Sciences. Highly equipped labs of different fields such as Entomology, Paleontology, Tissue Culture, Fish nutrition, Biochemistry, Wildlife, Genetics, Molecular biology and Research lab have been established to extend its infrastructure. Department has successfully completed the research projects under JHELP-II and INSPIRE Program (British council-Higher Education Commission funded projects) and its two extension programs SPEKE and TNE. Moreover various other projects funded by Pakistan Science Foundation (PSF), Higher Education Commission NRPU, TWAS-

COMSTECH, The Nagai Foundation Tokyo, Japan, ICPSR-Kingdom of Morocco and Punjab Higher Education Commission PIRCA are being conducting in the department. Department of Zoology is pioneer in eLearning during the pandemic of COVID-19 to facilitate the students.

Faculty

Prof. Dr. Salma Sultana
Professor/ Chairperson
PhD (QAU), Post-Doc (UK)
Specialization: Fisheries, Human Molecular Genetics, Fish Nutrition, Proteomic, Genetic Epidemiological Studies, Aquatic Toxicology

Prof. Dr. Farhat Jabeen
Professor
PhD (QAU), Post-Doc (UK)
Specialization: Fisheries, Human Molecular Genetics, Environmental Science, Aquatic Toxicology

Prof. Dr. Tayyaba Sultana
Professor / Director Acdamics
PhD (QAU), Post-Doc (QAU & UK)
Specialization: Fisheries, Cell and Molecular Biology, Genetics, Genetic Epidemiological Studies, Aquatic Toxicology

Dr. Abdul Shakoor Chaudhry
Adjunct Professor (Newcastle University, UK)
PhD (Animal Science), Cambridge University Uk,
Post-Doc (UK & Australia)
Specialization: Animal Nutrition, Toxicology, Freshwater Biology

Prof. Dr. Asma Ashraf
Professor (TTS)
PhD (GCUF-Pakistan)
Specialization: Microbiology, Immunology, Bio Chemistry

Dr. Shabana Naz
Associate Professor
PhD (UAF-Pakistan)
Specialization: Vertebrate Pest Management, Wildlife Biodiversity, Reproductive Ecology, Animal Nutrition

Dr. Syed Makhdoom Hussain
Associate Professor (TTS)
PhD (UAF-Pakistan)
Specialization: Fish Nutrition, Aquatic Toxicology

Dr. Shabab Nasir
Associate Professor (TTS)
PhD (GCUF-Pakistan)
Specialization: Entomology

Dr. Bilal Hussain
Associate Professor
PhD (GCUF-Pakistan)
Specialization: Fisheries, Aquatic Toxicology

Dr. Azhar Rafique
Associate Professor (TTS)
PhD (UAF-Pakistan)
Specialization: Biodiversity, Wildlife, Ecology, Parasitology

Dr. Muhamamd Asrar Chaudhary
Associate Professor
PhD (GCUF-Pakistan)
Specialization: Insect Pest Management

Dr. Laiq Ahmad
Assistant Professor
PhD (QAU-Pakistan), Post Doc (USA)
Specialization: Reproductive Physiology, Endocrinology

Dr. Farkhanda Asad
Assistant Professor
PhD (UAF)
Specialization: Limnology, Fish Nutrition, Fish Culture, Fish Masculinization

Dr. Javeria Altaf
Assistant Professor
PhD (GCUF-Pakistan)
Specialization: Taxonomy, Enviromental Toxicology, Natural Products Discovery

Dr. Amna Sajjad
Assistant Professor
PhD, Post-doc (Germany)
Specialization: Human Biology (Cardiology)

Dr. Maleeha Manzoor
Assistant Professor
PhD (PU)
Specialization: Microbial (Biotechnology, Biofuels), Developmental Biology

Dr. Ghazala
Assistant Professor (OPS)
PhD (GCUF-Pakistan)
Specialization: Enviromental taxicology, Fisheries

Dr. Zaib-Un-Nisa
Assistant Professor (OPS)
PhD (GCUF-Pakistan)
Specialization: Taxicology, Wildlife

Dr. Zahid Iqbal
Assistant Professor (OPS)
PhD (GCUF-Pakistan)
Specialization: Fisheries, Aquatic and Genral Toxiocology

Dr. Shahzad Ahmad
Lecturer
PhD (UAF-Pakistan)
Specialization: Bird Pest Management

Scheme of Studies
BS Zoology

Semester 1		
ZOL-301	Basics of Animal Life	4(3-1)
BOT-301	Diversity of Plants	3(2-1)
CHM-321	Basic Organic Chemistry	3(2-1)
ENG-321	Functional English	3(3-0)
PST-322	Pakistan Studies	2(2-0)
ICT-321	Applications of Information and Communication Technologies	3(3-0)
GSC-321	Science of Global Challenges	3(2-1)
+THQ-I	Teaching of The Holy Quran -I	1(1–0)
For Sister Departments		
ZOL-303	Basics of Animal Life	3(2-1)
Semester 2		
ZOL-302	Principles of Animal Life	4(3-1)
ZOL-304	Cell Biology	3(2-1)
CHM-322	Basic Inorganic Chemistry	3(2-1)
MTH-321	Algebra and Trigonometry	3(3-0)
ENG-322	.Expository Writing	3(3-0)
ISL-321/322	Islamic Studies/Ethics	2(2-0)

For Sister Departments		
ZOL-306	Principles of Animal Life	3(2-1)
ZOL-310	Biodiversity & Conservation (For Botany Dept only)	3(3-0)
Semester 3		
ZOL-401	Diversity of Invertebrates	4(3-1)
ZOL-403	Diversity of Vertebrates	4(3-1)
BOT-302	Systemic Anatomy and Development	3(2-1)
ENG-421	Communication Skills	3(3-0)
QTR-421	Quantitative Reasoning I	3(3-0)
CCD-421	Civics and Community Engagement	2(2-0)
+THQ-II	Teaching of The Holy Quran -II	1(1–0)
For Sister Departments		
ZOL-407	Diversity of Invertebrates & Vertebrates	3(2-1)
ZOL-409	Fundamentals of Genetics & Evolution (For Botany Dept only)	3(2-1)
Semester 4		
ZOL-402	Basics of Animal Form & Function	4(3-1)
ZOL-404	Principles of Animal Form & Function	4(3-1)
PSY-422	Introduction to Psychology	3(3-0)
ICP-322	Ideology and Constitution of Pakistan	2(2-0)
ENP-422	Entrepreneurship	2(2-0)
QTR-422	Quantitative Reasoning II	3(3-0)
For Sister Departments		
ZOL-406	Animal Form & Function	3(2-1)
Semester 5		
ZOL-501	Structure and Function of Macro-molecules	3(2-1)
ZOL-503	Animal Physiology	4(3-1)
ZOL-505	Developmental Biology	4(3-1)
ZOL-507	General and Molecular Genetics	4(3-1)
ZOL-509	Animal Behavior	3(2-1)
+THQ-III	Teaching of The Holy Quran -III	1(1–0)
Semester 6		
STA-507	Biostatistics	3(3-0)
ZOL-502	Basic Ecology	3(2-1)
ZOL-504	Principles of Zoogeography	3(2-1)
ZOL-506	Metabolism of Macro-molecules	3(2-1)
ZOL-508	Physiology of Coordination	4(3-1)
ZOL-510	Research Methodology	2(2-0)
Summer Semester		
INT-631	Field Trip/Internship	3(0-3)
Semester 7		
ZOL-601	Fundamentals of Limnology	3(2-1)
ZOL-603	Fisheries	3(2-1)
ZOL-605	Biodiversity	3(2-1)
ZOL-607	Aquatic Toxicology	3(2-1)
ZOL-609	Fundamentals of Entomology	3(2-1)
CAP-630	Capstone Project	3(0-3)
+THQ-IV	Teaching of The Holy Quran -IV	1(1–0)
Semester 8		
BIT-405	Introduction to Biotechnology	3(2-1)
ZOL-602	Evolution and Principles of Systematics	3(3-1)
ZOL-604	Wildlife of Pakistan	3(2-1)
ZOL- 606	Bioremediation and Bio-procession	3(2-1)
ZOL-608	Principles of Paleontology	3(2-1)
ZOL-630	Research/ *Optional Paper	6(0-6) 3(2-1)
* Optional Paper (In lieu of Research students can select any one courses in 8th semester, Research which will be awarded to only those student having marks percentage > 85%)		

BS Bridging

ZOL -304	Cell Biology	3(2-1)
ZOL-305	Molecular Biology	3(2-1)
MTH-321	Algebra and Trigonometry	3(3-0)
ZOL-405	Comparative Anatomy of Vertebrates	3(2-1)
ZOL-408	Comparative Evolution of Animals	3(2-1)
PSY-422	Introduction to Psychology	3(3-0)
BIN-422	Introduction to Bioinformatics	3(2-1)

BS Zoology 5Th Bridging

Semester 5		
ZOL-501	Structure and Function of Macro-molecules	3(2-1)
ZOL-503	Animal Physiology	4(3-1)
ZOL-505	Developmental Biology	4(3-1)
ZOL-507	General and Molecular Genetics	4(3-1)
ZOL-509	Animal Behavior	3(2-1)
THQ-III	Teaching of Holy Quran - III	1(1-0)
Semester 6		
STA-507	Biostatistics	3(3-0)
ZOL-502	Basic Ecology	3(2-1)
ZOL-504	Principles of Zoogeography	3(2-1)
ZOL-506	Metabolism of Macro-molecules	3(2-1)
ZOL-508	Physiology of Coordination	4(3-1)
ZOL-510	Research Methodology	2(2-0)
Summer Semester		
INT-631	Field Trip/Internship	3(0-3)
Semester 7		
ZOL-601	Fundamentals of Limnology	3(2-1)
ZOL-603	Fisheries	3(2-1)
ZOL-605	Biodiversity	3(2-1)
ZOL-607	Aquatic Toxicology	3(2-1)
ZOL-609	Fundamentals of Entomology	3(2-1)
CAP-630	Capstone Project	3(0-3)
THQ-IV	Teaching of Holy Quran - IV	1(1-0)
Semester 8		
BIT-405	Introduction to Biotechnology	3(2-1)
ZOL-602	Evolution and Principles of Systematics	3(3-1)
ZOL-604	Wildlife of Pakistan	3(2-1)
ZOL- 606	Bioremediation and Bio-procession	3(2-1)
ZOL-608	Principles of Paleontology	3(2-1)
ZOL-630	Research /*Optional Paper	6(0-6) 3(2-1)
*Optional Paper (In lieu of Research students can select any two courses in 8th semester, Research which will be awarded to only those student having marks percentage > 85%)		

*Optional Papers (In lieu of Research)

ZOL-611	Ornithology	3(2-1)
ZOL-612	Applied Limnology	3(2-1)
ZOL-613	Basic Immunology	3(2-1)
ZOL-614	Applied Entomology	3(2-1)
ZOL-615	Basic Mammalogy	3(2-1)

ZOL-616	Biological and Chemical Control of Insect Pest	3(2-1)
ZOL-617	Endocrinology	3(2-1)
ZOL-618	Applied Microbiology	3(2-1)
ZOL-619	Fundamentals of Cancer Biology	3(2-1)
ZOL-620	Taxidermy	3(2-1)
ZOL-621	Herpetology	3(2-1)
ZOL-622	Vertebrate Parasitology	3(2-1)
ZOL-623	Air Pollution Monitoring	3(2-1)

MPhil Zoology

ZOL-701	Quantitative Zoology	3(2-1)
ZOL-702	Advances in Biodiversity	3(2-1)
ZOL-703	Immunology	3(2-1)
ZOL-704	Applied Reproductive Physiology	3(2-1)
ZOL-705	Population Genetics	3(2-1)
ZOL-706	Comparative Vertebrate Endocrinology	3(2-1)
ZOL-707	Helminthology	3(2-1)
ZOL-708	Human Genetics	3(2-1)
ZOL-709	Human Embryology and Teratology	3(2-1)
ZOL-710	Environmental biotechnology	3(2-1)
ZOL-711	Advances in Aquatic Toxicology	3(2-1)
ZOL-712	Medical Microbiology	3(2-1)
ZOL-713	Principles of Toxicology	3(2-1)
ZOL-714	Applied Fisheries	3(2-1)
ZOL-715	Applied Fisheries	3(2-1)
ZOL-716	Fisheries Management	3(2-1)
ZOL-717	Nutrient requirement and metabolism in fish	3(2-1)
ZOL-718	Medical Entomology	3(2-1)
ZOL-719	Fish Hatchery Management	3(2-1)
ZOL-720	Animal Pest and disease producing organisms	3(2-1)
ZOL-721	Advanced Integrated Pest Management-I	3(2-1)
ZOL-722	Advanced Integrated Pest Management-II	3(2-1)
ZOL-723	Biology and Control of Vertebrate Pests	3(2-1)
ZOL-724	Vector Biology	3(2-1)
ZOL-725	Advanced Mammalogy	3(2-1)
ZOL- 730	Wildlife Conservation and Management	3(2-1)
ZOL-731	Terrestrial Wildlife Management	3(2-1)
ZOL-732	Protected Areas and their Management	3(2-1)
ZOL-733	Advances in Ichthyology	3(2-1)
ZOL-734	Ornithology	3(2-1)
ZOL-735	Herpetology	3(2-1)
ZOL-736	Molecular and Clinical Endocrinology	3(2-1)
ZOL-737	Conservation Biology	3(2-1)
ZOL-738	Fish Physiology and Breeding	3(2-1)
ZOL-741	Economic Zoology	3(2-1)
Mandatory Requirements for MS/M.Phil.		
ZOL-739	Lab and Biosafety	1(0-1)
STA-795	Statistics for Research	3(2-1)
ZOL-728	Seminar (General)	1(0-1)
ZOL-729	Seminar (Research)	1(0-1)
ZOL-760	Thesis	6(0-6)

PhD Zoology

ZOL-740	Advanced Biodiversity	3(2-1)
ZOL-741	Quantitative Zoology	3(2-1)
ZOL-742	Advances in Reproductive Physiology	3(2-1)
ZOL-743	Advanced Immunology	3(2-1)
ZOL-744	Advances in Aquatic Toxicology	3(2-1)
ZOL-745	Advances in Population Genetics	3(2-1)
ZOL-746	Fish Biotechnology	3(2-1)
ZOL-747	Advances in Fish Genetics	3(2-1)
ZOL-748	Advanced Eco- Toxicology	3(2-1)
ZOL-749	New Trends and Techniques in Aquaculture	3(2-1)
ZOL-750	Wildlife Techniques and Data Analysis	3(2-1)
ZOL-751	Advances in Physiological Genetics	3(2-1)













Faculty of
Medical Sciences

1. College of Allied Health Professionals
    i) Department of Medical Laboratory Technology
    ii) Department of Operation Theatre Technology
    iii) Department of Orthatics & Prosthatics
    iv) Department of Radiography & Imaging Technology
    v) Department of Physical Therapy
2. Deparment of Eastern Medicine
3. Department of Nutritional Sciences
4. Department of Public Heath



Prof. Dr. Abid Rashid
Dean
Ph: 041-9200876
Email: drabidrashid37@gamil.com

Professor Dr Abid Rashid has unique academic record. He did graduation MBBS from PMC and FCPS from College of Physician & Surgeon . He did Phd in clinical medicine & Surgery from UAF. He served as professor of Surgery in medical college (UHS) for 12 years and trained undergraduate & postgraduate students. He led in directorate of medical sciences which is current faculty of medical sciences from 7 years. He trained students of BS, M.PHIL & PHD. He wrote books regarding surgical problems & editor journal of Medical & biological sciences. He is now leading project of university medical college. He has vast experience of managing emergency medical services.

He has also carried out multiple international research projects related to clinical trials with ex-Director oxford University Professor Dr Allens funded by Fine treatment Oxfod United Kingdom addressing the most prevalent health issues of Pakistani Community.

College of Allied Health Professionals

Phone: 041-9201129
Email: cahp@gcuf.edu.pk

Principal: Dr.





Programs Offered

College of Allied Health Professionals

1. BS Operation Theatre Technology (OTT)
2. BS Radiography & Imaging Technology (RIT)
3. BS Medical Laboratory Technology (MLT)

InCharge: Dr. Imtiaz Mahmood Tahir

Vision:

To be a leading center of excellence in Allied Health Education, research, and innovation, empowering future healthcare professionals to transform lives and elevate the standard of medical care in Pakistan.

Mission:

Our mission is to nurture a community of dedicated and skilled Allied Health Professionals through comprehensive and cutting-edge education, fostering a culture of research and critical thinking. We are committed to equipping our students with the knowledge, technical expertise, and ethical values to excel in the field of Medical Sciences, serving humanity with compassion and integrity. As an institution, we strive to continually adapt and evolve to meet the dynamic healthcare challenges, making a significant contribution to the healthcare sector and the well-being of society.

Introducation:

Established in 2012, the College of Allied Health Professionals at Government College, University Faisalabad-Pakistan, is a distinguished institution dedicated to excellence in healthcare education. Through our innovative undergraduate programs, including Bachelor of Science in Medical Lab Technology (BS MLT), Bachelor of Science in Radiography & Imaging Technology (BS RIT), and Bachelor of Science in Operation Theatre Technology (BS OTT), we empower our students to become skilled and compassionate healthcare professionals. For students' professional training, the college has signed MoUs with prominent hospitals, including National Hospital, Faisalabad, Suraya Majeed Hospital, Faisalabad, Faisal Hospital, Faisalabad, and Allied Hospital, Faisalabad, providing valuable opportunities for hands-on training and professional exposure. Our faculty of accomplished experts ensure a transformative learning experience, preparing graduates for successful careers in the dynamic field of medical sciences.

Faculty

Dr. Imtiaz Mahmood Tahir
Assistant Professor / In-Charge
PhD
Expertise: Human Diagnostics, Pharmacogenomics, Pharmacognosy & Chemoresistance

Mr. Muhammad Naeem
Lecturer
MPhil
Expertise: Surgical Technology, Clinical Microbiology, Operation Theatre, Sterilization

Mr. Jahanzaib Tufail
Lecturer
MPhil
Expertise: Surgical Technology, Clinical Microbiology, Operation Theatre Sterilization

Mr. Hamad Rasul
Research Officer
MPhil
Expertise: Operation Theater & CSSD Management

Ms. Mubashra Aslam
Research Officer
Expertise: Medical Imaging Sciences

Scheme of Studies
BS Operation Theater Technology

Semester 1		
AHP-301	Basic and Applied Anatomy	4 (3-1)
AHP-303	Basic and Applied Physiology	4 (3-1)
PSY-405	Social Psychology	4 (4-0)
ENG-321	Functional English	3 (3-0)
ISL-321	Islamic Studies	2 (2-0)
MTH-321	Algebra & Trigonometry	2(2-0)
*THQ-I	Teaching of The Holy Quran -I	1(1–0)
Semester 2		
AHP-302	Pathology	4 (3-1)
PHM-412	Pharmacology and Therapeutics	4 (3-1)
BCH-301	Introductory Biochemistry	4 (3-1)
CSI-321	Introduction to Computing Applications	3 (2-1)
PST-321	Pakistan Studies	2 (2-0)
OTT-302	Fundamentals of Operation Theatre Technology	2(2-0)
Semester 3		
AHP-401	Community Medicine / Public Health	3 (2-1)
ENG-322	English Comprehensive & Composition	3(3-0)
MIC-301	Introductory Microbiology	3 (2-1)
OTT-401	Principles of Surgery	4 (3-1)
OTT-403	Operation Theatre Instruments & Techniques -I	3 (2-1)
OTT-407	Operating Room Skills-I	2(0-2)
*THQ-II	Teaching of The Holy Quran -II	1(1–0)
Semester 4		
ENG-41	Technical Writing	3(3-0)
OTT-406	Surgical Procedures & Skills I	4(3-1)
OTT-408	Basic Anesthesia & Techniques	3 (2-1)
OTT-412	Operation Theatre Instruments & Techniques II	3(2-1)
OTT-414	Operating Room Skills II	2(0-2)
OTT-416	Surgical Pharmacology	3(2-1)
Semester 5		
OTT-501	Surgical Anatomy I	4 (3-1)
OTT-503	Clinical Pathology	3 (2-1)
PHY-321	Medical Physics	4 (3-1)
OTT-505	Operation Theater Technology – I	4 (3-1)
OTT-507	Operating Room Skills III	2 (0-2)
*THQ-III	Teaching of The Holy Quran -III	1(1–0)
Semester 6		
OTT-502	Operation Theater Technology – II	4 (3-1)
OTT-504	Sterilization and Disinfection	4 (3-1)
OTT-506	Surgical Anatomy II	3 (2-1)
OTT-508	Advanced Diagnostic Techniques	4 (3-1)
OTT-510	Critical Care	3 (3-0)
Semester 7		
AHP-601	Forensic Medicine	3 (3-0)
STA-507	Biostatistics	3 (3-0)
OTT-603	Operation Theatre Management	3 (2-1)
OTT-605	Clinical & Applied Microbiology	3 (2-1)
OTT-607	Surgical Procedures & Skills II	3 (2-1)
OTT-609	Advanced Anesthesia & Techniques	3 (2-1)
*THQ-IV	Teaching of The Holy Quran -IV	1(1–0)
Semester 8		
AHP-602	Epidemiology	3(3-0)
BNB-402	Bioinformatics I	3(2-1)
OTT-604	Biomaterials & Surgical Implants	3(2-1)
OTT-606	Operation Theatre Design & Reconstruction	3(2-1)
OTT-608	Research Project / Term Paper	3(0-3)

Faculty

Ms. Naila Iftikhar
Lecturer
Expertise: Medical Imaging Sciences

Ms. Maimona Rasool
Lecturer
MS
Expertise: Medical Imaging Sciences

Ms. Sadia Sana
Research Officer
PhD (Scholar)
Expertise: Medical Imaging Sciences

BS Radiography & Imaging Technology

Semester 1		
AHP-301	Basic and Applied Anatomy	4 (3-1)
PHS-301	Basic Physiology	4 (3-1)
PSY-405	Social Psychology	4(4-0)
ENG-321	Functional English	3 (3-0)
ISL-321	Islamic Studies	2 (2-0)
MTH-321	Algebra & Trigonometry	3(3-0)
*THQ-I	Teaching of The Holy Quran -I	1(1–0)
Semester 2		
AHP-302	Pathology	4 (3-1)
PHM-412	Pharmacology and Therapeutics	4(3-1)
BCH-301	Introductory Biochemistry	4 (3-1)
CSI-321	Introduction to Computing Applications	3 (2-1)
PST-321	Pakistan Studies	2 (2-0)
RIT-302	Fundamentals of Radiography & Imaging Technology	2 (2-0)
Semester 3		
AHP-401	Community Medicine / Public Health	3 (2-1)
ENG-322	English Comprehensive & Composition	3(3-0)
MIC-301	Introductory Microbiology	3 (2-1)
RIT-407	Regional & Imaging Anatomy-I	4 (3-1)
RIT-403	Radiation Science & Technology-I	4 (3-1)
RIT-405	Medicine-1	3 (2-1)
*THQ-II	Teaching of The Holy Quran -II	1(1–0)
Semester 4		
ENG-412	Technical Writing	3(3-0)
RIT-404	General Radiology	4 (3-1)
RIT-406	Medicine-2	4 (3-1)
RIT-408	Radiation Science & Technology-II	4 (3-1)
RIT-410	Neuroanatomy	4 (3-1)
Semester 5		
RIT-501	Clinical Pharmacology	4 (3-1)
RIT-503	CT SCAN	4 (3-1)
RIT -505	Regional & Imaging Anatomy-II	4 (3-1)
RIT -507	Mammography	3 (2-1)
RIT -511	Diagnostic Imaging Skills	2 (0-2)

*THQ-III	Teaching of The Holy Quran -III	1(1–0)
Semester 6		
RIT -502	Surgery-I	4 (3-1)
RIT -504	Nuclear Medicine-I	4 (3-1)
RIT -506	Special Radiological Techniques	3 (2-1)
RIT -508	Ultrasound/Doppler	4 (3-1)
RIT -510	Fluoroscopy	2 (2-0)
Semester 7		
AHP-601	Forensic Medicine	3 (3-0)
STA-507	Biostatistics	3 (3-0)
RIT-603	MRI-I	4 (3-1)
RIT-605	Angiography & Cardiac Imaging-I	4 (3-1)
RIT-607	Echocardiography	3 (2-1)
*THQ-IV	Teaching of The Holy Quran -IV	1(1–0)
Semester 8		
RIT-602	Angiography & Cardiac Imaging-II	3 (2-1)
RIT-604	Nuclear Medicine-II	3 (2-1)
RIT-606	MRI-II	3 (2-1)
RIT-608	Surgery-II	3 (2-1)
RIT-610	Research Project / Term Paper	3 (0-3)

Faculty

Ms. Maria Rasool
Lecturer
MPhil
Expertise: Microbiology & Immunology

Ms. Anam Tanvir
Lecturer
MPhil
Expertise: Immunology, Serology and Epidemiology

Mr. Abdul Waheed
Lecturer (Medical Laboratory Sciences)
MPhil
Expertise: Microbiology, Immunology & Serology, Biosafety & Biosecurity, Infection Control

Mr. Zia Ashraf
Lecturer (Medical Laboratory Sciences)
MPhil
Expertise: Forensic Medicine, Molecular Biology, Biocontainment & Biorisk Management

Ms. Ayla Iftikhar
Research Officer
MPhil
Expertise: Clinical Biochemistry

Ms. Amna Kausar
Research Officer
MPhil
Expertise: Microbiology, Qaulity Assuarnce

Mr. Muhammad Mudassar
Research Officer
MPhil
Expertise: Transfusion Medicine, Hospital Waste Management

BS Medical Laboratory Technology

Semester 1		
AHP-301	Basic and Applied Anatomy	4 (3-1)
PHS-301	Basic Physiology	4 (3-1)
PSY-405	Social Psychology	4(4-0)
ENG-321	Functional English	3 (3-0)
ISL-321	Islamic Studies	2 (2-0)
MTH-321	Algebra & Trigonometry	3(3-0)
*THQ-I	Teaching of The Holy Quran -I	1(1–0)
Semester 2		
AHP-302	Pathology	4 (3-1)
PHM-412	Pharmacology and Therapeutics	4(3-1)
BCH-301	Introductory Biochemistry	4 (3-1)
CSI-321	Introduction to Computing Applications	3 (2-1)
PST-321	Pakistan Studies	2 (2-0)
MLT-302	Fundamentals of Medical Lab Technology	2 (2-0)
Semester 3		
AHP-401	Community Medicine/ Public Health	3 (2-1)
MIC-301	Introductory Microbiology	3 (2-1)
MLT-401	General Hematology	4 (3-1)
AHP-503	Clinical Pathology	3 (2-1)
ENG-322	English Comprehensive & Composition	3(3-0)
MLT-405	Clinical Lab Practice-I	3 (0-3)
*THQ-II	Teaching of The Holy Quran -II	1(1–0)
Semester 4		
ENG-412	Technical Writing	3(3-0)
MLT-404	Clinical Biochemistry (I & II)	4 (3-1)
MLT-406	Immunology & Serology	4 (3-1)
MLT-408	Histopathology &Histotechnology	4 (3-1)
MLT-410	Clinical Lab Practice-II	3 (0-3)
Semester 5		
MLT-501	Clinical Parasitology	3 (2-1)
MLT-503	Immunohematology &Transfusion Medicine	3 (2-1)
MLT-505	Clinical Bacteriology	4 (3-1)
MLT-507	Biosafety and Hazards	2 (2-0)
MLT-509	Medical Instrumentations & Software Applications	3 (3-0)
MLT-511	Clinical Lab Practice-III	3 (0-3)
*THQ-III	Teaching of The Holy Quran -III	1(1–0)
Semester 6		
MLT-502	Cytology & Cytotechnology	3 (2-1)
BNB-321	Molecular Biology	3 (2-1)
MLT-504	Clinical Virology & Mycology	3 (2-1)
MLT-506	Advanced Hematology	3 (2-1)
MLT-508	Advanced Immunology	3 (2-1)
MLT-510	Clinical Lab Practice-IV	3 (0-3)
Semester 7		
AHP-601	Forensic Medicine	3 (3-0)
STA-507	Biostatistics	3 (3-0)
MLT-603	Advanced Clinical Biochemistry*	4 (3-1)
MLT-605	Advanced Clinical Microbiology*	4 (3-1)
MLT-607	Advanced Molecular Biology*	4 (3-1)
MLT-609	Advanced Diagnostic & Biomedical Techniques	3 (2-1)
MLT-611	Quality Assurance Management	2 (2-0)
MLT-613	Clinical Genetics	3 (2-1)
*THQ-IV	Teaching of The Holy Quran -IV	1(1–0)

* Student will opt any one from these elective subject
+ Audit Course

Semester 8		
AHP-602	Epidemiology	3 (3-0)
BNB-402	Bioinformatics-I	3 (2-1)
PHS-503	Endocrinology	3 (2-1)
MLT-604	Clinical Laboratory Management	3 (3-0)
MLT-606	Research Project / Term Paper	3 (0-3)













Department of Physical Therapy

Phone: 041-9200953
Email: cahp@gcuf.edu.pk
masifsaleem@gcuf.edu.pk



Programs Offered

1. Doctor of Physical Therapy (DPT)

Incharge: Dr. Muhammad Asif Saleem



Vision:

To be a leading College in transformative and innovative education for Rehabilitation (health) professionals, guided by National imperatives and a strong commitment to socially responsive education. We will strive for excellence in professional and teaching excellence, as well as in the development of National and global linkages in education, research and development of global health related to the concern areas.

Mission

To developed quality health professionals that are practice-oriented, receptive and responsive to the rehabilitation related health care needs of the people of Pakistan and of world as a whole. This will be achieved by providing the highest standards of learning, teaching, and research and community engagement, underpinned by a commitment to creating space for students and staff to succeed.

Introduction

Physical Therapy is an essential segment of modern health care system. It is a “science of healing and art of caring”. It pertains to the clinical examination, evaluation, assessment, diagnosis and treatment of musculoskeletal, Neurological, Cardio-Cascular and Respiratory systems’ functional disorders including symptoms of pain, edema and physiological, structural and psychosomatic ailments. It deals with methods of treatment based on movement, manual therapy, Physical agents, and therapeutics modalities to relieve the pain and other complications. Hence, Physical Therapy covers basic parameters of healing sciences i.e. Preventive, promotive, diagnostic, rehabilitative and curative.

Faculty

Dr. Muhammad Asif Saleem
Incharge
BS,PT (KEMU)T-DPT (MPhil)

Dr. Awais Bin Inam
Lecturer
BS,PT (KEMU), T-DPT (TUF) MS-OMPT(RIU)

Dr. Ramiza Khalid
Lecturer
BS,PT , PP-DPT (M.Phil), MS-CPPT, CMT(UK)

Dr. Syed Rehan Bukhari
Lecturer (On Study leave)
DPT (RIU), MS-OMPT

Dr. Muhammad Ans
Lecturer
BS,PT(UHS),PP-DPT (MPhil)

Dr. Tamjeed Ghaffar
Lecturer
DPT (RIU), MS-OMPT (RIU), MS-SPT (RIU)

Dr. Muhammad Abbas
Lecturer
BS,PT (KEMU), T-DPT (KEMU), MS-NMPT (RIU)

Dr. Hira Mannan
Lecturer
BS,PT(UHS), PP-DPT(UHS), MS-OMPT (RIU), PGD(PE & TM)

Dr. Rafia Imtiaz
Lecturer
BS,PT (UHS), TDPT (UHS), CIMT (UHS), MS-NPT (UOL)

Dr. Amna iram
Lecturer
DPT (TUF), MS-NMPT (RIU-Pakistan)

Dr. Haleema Shoukat
Lecturer
BS,PT (UHS), TDPT (UHS), , MS-OMPT (RIU)

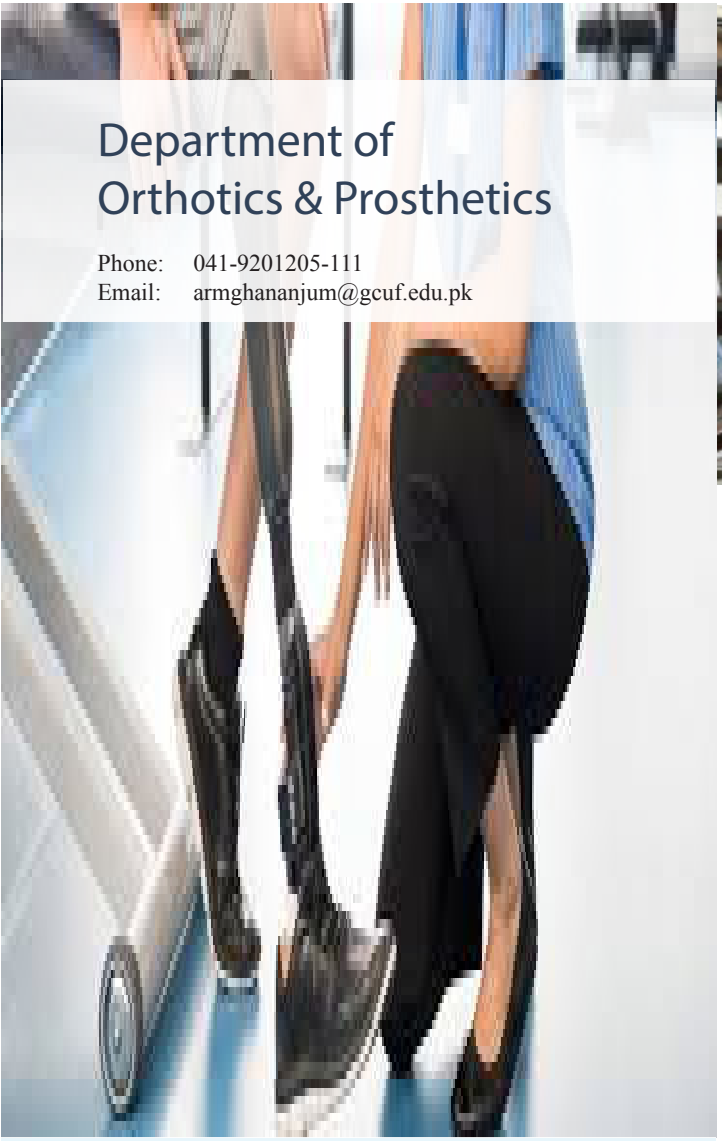
Dr. Muntaha Mushtaq
Research Officer
DPT(TUF), MS-OMPT(RIU)

Dr. Samraiz Mughal
Research Officer
DPT (GCUF), MS Physical Therapy Neurology (UOL)

Dr. Amna Khalid
Research Officer
DPT(GCUF), Mphil (KEMU)

Doctor of Physical Therapy (DPT)

Semester 1		
DPT-301	Upper Limb & General Anatomy	4(3-1)
DPT-303	Cardiovascular & Neuromuscular Physiology	3(2-1)
DPT-305	Introduction to Kinesiology	3(2-1)
ENG-321	Functional English	3(3-0)
STA-322	Introduction to Statistical theory-I	3(3-0)
PST-321	Pakistan Studies	2(2-0)
+THQ-I	Teaching of The Holy Quran -I	1(1–0)
Semester 2		
DPT-302	Lower limb Anatomy & General Histology	4(3-1)
DPT-304	Visceral Physiology	3(2-1)
DPT-306	Clinical Kinesiology	3(2-1)
ENG-322	English Comprehension & Composition	3(3-0)
CSI-321	Introduction to Computing Applications	3(2-1)
ISL-321	Islamic Studies	2(2–0)
ISL-322	Ethics (For Non-Muslim only)	2(2–0)
Semester 3		
DPT-401	Head and Neck Anatomy& Human Embryology	3(2-1)
DPT-403	Physiology of Reproductive , Nervous & Renal system	3(2-1)
DPT-405	Introduction to Biomechanics & Ergonomics	3(3-0)
DPT-407	Biochemistry & Genetics I	2(2-0)
DPT-409	Introduction to Exercise Physiology	3(3-0)
STA-232	Introduction to Statistical Theory II	3(3-0)
+THQ-II	Teaching of The Holy Quran -II	1(1–0)
Semester 4		
DPT-402	Human Neuro Anatomy	3(2-1)
DPT-404	Advance techniques in Biomechanics & Ergonomics	3(2-1)
DPT-406	Behavioral Sciences (Psychiatry & Psychology)	3(3-0)
DPT-408	Biochemistry& Genetics II	2(2-0)
DPT-410	Advance Clinical Exercise Physiology	3(3-0)
DPT-412	Medical Physics in Rehabilitation	3(2-1)
ENG-422	Technical Writing	3(3-0)
Semester 5		
DPT-501	Pathology & Microbiology-I	2(2-0)
DPT-503	Pharmacology in Rehabilitation-I	3(3-0)
DPT-505	Physical Agents & Electrotherapy-I	3(2-1)
DPT-507	Therapeutic Exercises & Techniques	3(2-1)
DPT-509	Health & Wellness	2(2-0)
DPT-511	Supervised Clinical Practice-I	3(0-3)
SOC-307	Introduction to Sociology	2(2-0)
+THQ-III	Teaching of The Holy Quran -III	1(1–0)
Semester 6		
DPT-502	Pathology & Microbiology-II	3(2-1)
DPT-504	Pharmacology in Rehabilitation-II	2(2-0)
DPT-506	Physical Agents & Electrotherapy –II	3(2-1)
DPT-508	Manual Therapy	3(2-1)
DPT-510	Teaching Methodology & Community Medicaine	3(3-0)
DPT-512	Supervised Clinical Practice-II	3(0-3)
Semester 7		
DPT-601	Clinical Medicine-I	3(3-0)
DPT-603	Orthopedic Surgery	3(3-0)
DPT-605	Radiology & Diagnostic Imaging	3(2-1)
DPT-607	Musculoskeletal Physical Therapy	3(2-1)
DPT-609	Human Growth, Development & Community Based Rehabilitation	2(2-0)
DPT-611	Supervised Clinical Practice-III	3(0-3)
+THQ-IV	Teaching of The Holy Quran -IV	1(1–0)
Semester 8		
DPT-602	Clinical Medicine-II	3(3-0)
DPT-604	Advance techniques in General Surgery II	3(3-0)
DPT-606	Neurological Physical Therapy	3(2-1)
DPT-608	Evidence Based Practice	3(2-1)
DPT-610	Introduction to Prosthetics & Orthotics	2(2-0)
DPT-612	Supervised Clinical Practice-IV	3(0-3)
Semester 9		
DPT-651	Cardiopulmonary Physical Therapy	3(2-1)
DPT-653	Emergency Procedures & Primary Care In Physical Therapy	2(2-0)
DPT-655	Clinical Decision Making & Differential Diagnosis	3(3-0)
DPT-657	Scientific Inquiry & Research Methodology	3(3-0)
DPT-659	Professional Practice (Laws , Ethics &Administration)	2(2-0)
DPT-661	Integumentary Physical Therapy	2(2-0)
DPT-663	Supervised Clinical Practice-V	3(0-3)
Semester 10		
DPT-652	Obstetrics & Gynecological Physical Therapy	2(2-0)
DPT-654	Pediatric Physical Therapy	2(2-0)
DPT-656	Gerontology & Geriatric Physical Therapy	2(2-0)
DPT-658	Sports Physical Therapy	2(2-0)
DPT-660	Supervised Clinical Practice-VI	4(0-4)
DPT-631	Project	6(0-6)



Department of Orthotics & Prosthetics

Phone: 041-9201205-111
Email: armghananjum@gcuf.edu.pk

Programs Offered

1. BS Orthotics & Prosthetics

Incharge: Dr. Muhammad Asif Saleem



Vision

To provide every person who needs a prosthesis (an artificial limb) or an orthosis (an orthopedic brace) access to that device, and, furthermore, they have the rehabilitation services needed to facilitate optimal recovery and functional independence.

Mission

To provide rehabilitation care for people who need prosthetic and orthotic (P&O) services by developing, operating, or supporting P&O clinics; by networking with other NGO's; and by partnering individuals in need with service providers all over the world.

Introduction

Rehabilitation of persons with loco-motor disabilities or neuromuscular disorder is a team work, where Centre of attention is the person with disabilities. The team usually comprises of the Physical medicine and Rehabilitation Specialist (Physiatrist) who is usually the leader, Prosthetist and Orthotist, Physiotherapist, Occupational therapist, Social worker and Rehabilitation Nurse. Depending upon the need, other professionals like Orthopedic Surgeons, engineer, psychologist, geriatrist and other related professionals are also included in the team. The role of Prosthetist and Orthotist is important. Prosthetists and orthotists deal with the assessment, diagnosis and management of the whole of the body. Prosthetists provide artificial limbs (prostheses) to people who have all or part of a natural limb missing. Orthotists provide supportive braces and splints (orthoses) to people with various conditions of the limbs or spine.

Faculty

Dr. Muhammad Asif Saleem
Incharge
BS,PT (KEMU)T-DPT (MPhil)

Armghan Anjum
Research Officer/ Coordinator
Qualification: B.Sc (Hons.) Orthotics & Prosthetics (KEMU), M.Phil Physiology

Benish Ali
Research Officer
Qualification: B.Sc (Hons.) Orthotics &Prosthetics (RMC), M.Phil (IU)

BS Orthotics & Prosthetics

Semester 1		
MTH-321	Algebra and Trigonometry(For Medical students)	3(3-0)
	OR	
BOT-303	Functonal Biology-I (For Non-medical students)	3(3-0)
BOP-301	Introduction to Orthotics & Prosthetics and Workshop	3 (3-0)
DPT-406	Behavioral Sciences (Psychiatry & Psychology)	2 (2-0)
PHY-321	Fundamentals of Mechanics	3 (2-1)
CSI- 321	Introduction to Computing Applications	3 (3-0)
ISL- 321	Islamic Studies (for Muslims)	2 (2-0)
ISL- 322	Ethics (For Non-Muslims)	2 (2-0)
+THQ-I	Teaching of The Holy Quran -I	1(1–0)
Semester 2		
DPT- 301	Upper Limb & General Anatomy	3 (2-1)
PSH-301	Basic Physiology	3 (2-1)
BOP-302	Materials Technology	3 (3-0)
ENG- 321	Functional English	3 (3-0)
PST- 321	Pakistan Studies	2 (2-0)
BCH- 301	Introductory Biochemistry	3 (3-0)
Semester 3		
DPT- 302	Lower limb Anatomy	3 (2-1)
PSH- 409	Physiology of Nervous system, Neuro-muscular physiology	3 (2-1)
AHP- 302	Pathology	2 (2-0)
BOP- 401	Orthopaedic interventions in orthotics & Prosthetics	3 (3-0)
BOP- 405	Technical Drawing	3 (2-1)
BOP- 403	Introduction to Physiotherapy	2 (2-0)
ENG-322	English Comprehension and Composition	3 (3-0)
+THQ-II	Teaching of The Holy Quran -II	1(1–0)
Semester 4		
DPT- 401	Anatomy of Head and Neck (vertebral column)	3 (2-1)
BOP- 402	Rehabilitation and Sports Medicine & Mobility aids	3 (2-1)
BOP- 404	Metal Work	3 (2-1)
BOP- 406	Electro Work	3 (2-1)
BOP- 408	Lathe Machine Work	3 (2-1)
STA-507	Biostatistics	2 (2-0)
Semester 5		
BOP- 501	Upper Limb Orthotics I	3 (2-1)
BOP- 503	Spinal Orthotics I	3 (2-1)
BOP- 505	Lower Limb Orthotics I	3 (2-1)
BOP- 507	Upper Limb Prosthetics I	3 (2-1)
BOP- 509	Lower Limb Prosthetics I	3 (2-1)
BOP- 511	Biomechanics I	3 (3-0)
+THQ-III	Teaching of The Holy Quran -III	1(1–0)
Semester 6		
BOP- 502	Upper Limb Orthotics II	3 (2-1)
BOP- 504	Spinal Orthotics II	3 (2-1)
BOP- 506	Lower Limb Orthotics II	3 (2-1)
BOP- 508	Upper Limb Prosthetics II	3 (2-1)
BOP- 510	Lower Limb Prosthetics II	3 (2-1)
BOP- 512	Biomechanics II	3 (3-0)
Semester 7		
BOP- 601	Biomechanics III	3 (2-1)
BOP- 603	Lower Limb Prosthesis III	3 (2-1)
BOP- 605	Lower Limb Orthosis III	3 (2-1)
BOP-607	Scientific Inquiry & Research Methodology	3 (3-0)
BOP- 609	Workshop practices I	3 (0-3)
ENG-422	Technical writing	3 (3-0)
+THQ-IV	Teaching of The Holy Quran -IV	1(1–0)
Semester 8		
BAM- 301	Principles of Management	2 (2-0)
ELT- 321	Fundamentals of Electricity and Electronics	3 (3-0)
CIT- 639	CAD-CAM Technology	3 (2-1)
BOP- 602	Workshop practices II	3 (0-3)
BOP-631	Project	6 (0-6)









Department of Eastern Medicine

Phone: 041-9200876
Email: eastern.madicine@gcuf.edu.pk

Programs Offered

1. BS Eastern Medicine
2. MPhil Phytomedicine
3. PhD Eastern Medicine

Chairman: Dr. Sultan Ayaz



Vision

To attain the highest level of glory and excellence in the field of Eastern Medicine through quality teaching and research to make this Department as model department for producing highly competent and skillful Clinicians to serve for the benefit of humanity and to contribute to the development of Nation

Mission

To provide the knowledge and infrastructure to develop Eastern Medicine. Department of Eastern Medicine aims to build capacity of the common people (society) and the professionals to understand Eastern Medicine. This mission of the Department of Eastern Medicine goes well together to execute advance studies and research.

Introduction

The Department of Eastern Medicine was established in 2013 at directorate of Medical Sciences, with a mandate to carry teaching and research on various aspects of modern as well as alternative medicine, suggesting measures for the conservation and improvement of population health by treatment and cure for the ailments and complications, especially focusing on utilization of local flora for alternative treatment. The department is offering graduate degree of BEM in Eastern Medicine. The degree is approved from Higher Education Commission. The faculty members of this department have published more than 80 research papers (as senior author or co-author) during the last five years. An extensive scheme of studies (containing more than 400 graduate level courses in ten semesters) has been developed and approved for graduate degree program in the field of Eastern Medicine, to cope up with whole medical fraternity, all major aspects of modern and alternative medicine are included, such as Anatomy, Physiology, Biochemistry, Clinical methods and therapeutics, Pathology, Community medicine, Pharmacology, Pharmacognosy, Principles of Eastern medicine, Gynaecology and Obstetrics, Clinical Psychology and Psychiatry, Opthalmology and ENT, Pediatrics etc. A number of latest books on the subject of Eastern Medicine have been purchased and placed in the departmental library for ready reference to the students. In addition, students are encouraged to get electronic copies of latest research papers related their area of research by contacting relevant authors, institutions and publishers etc.

Faculty

Dr. Sultan Ayaz
Associate Professor /Chairperson
PhD (HU-Pakistan)
Specialization: Pre-clinical, Clinical and Post Clinical study of herbal formulations

Dr. Muhammad Akram
Associate Professor
PhD (HU-Pakistan)
Specialization: Clinical trials of herbal formulation in gouty arthritis & biological study of medicinal plants

Dr. Syed Muhammad Ali Shah
Assistant Professor
PhD (HU-Pakistan)
Specialization: Enzyme inhibition study by medicinal plants, Clinical Comparative study of herbal formulation, Antioxidant activity by medicinal plants

Dr. Sabira Sultana
Assistant Professor
PhD (HU-Pakistan)
Specialization: Clinical evaluation of herbal medicine and clinical studies

Dr. Muhammad Riaz ur Rehman
Assistant Professor (OPS)
PhD (HU-Pakistan)
Specialization: Therapeutics, Comparative clinical study on obesity, Formulation and evaluation of herbal combinations

Dr. Hamad Ahmed
Lecturer
PhD (GUF-Pakistan)
Specialization: Endocrinology (Diabetes mellitus), Comparative study in obese vs diabetics, Clinical study on diabetes using medicinal plant herbs

Bachelor of Eastern Medicine

Semester 1		
DEM-301	Anatomy–I	3(2-1)
PHS-307	Physiology-I (General Physiology)	3(2-1)
BCH-305	Biochemistry-I (Fundamental Biochemistry)	3(2-1)
DEM-303	History of Eastern Medicine-I	2(2-0)
ENG-321	Functional English	3(3-0)
GSC-321	The Science of Global Challenges	3(2-1)
ICP-321	Ideology & Constitution of Pakistan	2(2-0)
+THQ-I	Teaching of The Holy Quran -I	1(1–0)
Semester 2		
DEM-302	Anatomy–II	3(2-1)
PHS-308	Physiology-II (Systemic Physiology)	3(2-1)
BCH-306	Biochemistry-II (Cell biology & Genetics)	3(2-1)
DEM-304	History of Eastern Medicine-II	2(2-0)
QTR-421	Quantitative Reasoning-I	3(3-0)
PSY-405	Social Psychology	3(3-0)
ISL-321	Islamic Studies	2(2-0)
PST-321	Pakistan studies	2(2-0)
Semester 3		
DEM-401	Anatomy–III	3(2-1)
PHS-409	Physiology-III (Physiology of Nervous System)	3(2-1)
BCH-502	Biochemistry-III (Metabolism)	3(2-1)
ENG-322	Expository Writing	3(3-0)
DEM-403	Principles of Eastern Medicine-I	3(2-1)
CCD-421	Civics & Community engagement	2(2-0)
+THQ-II	Teaching of The Holy Quran -II	1(1–0)
Semester 4		
DEM-402	Anatomy–IV	3(2-1)
PHS-410	Physiology-IV (Endocrine Physiology)	3(2-1)
BCH-405	Biochemistry-IV (Clinical Biochemistry)	3(2-1)
DEM-404	Principles of Eastern Medicine-II	3(3-1)
DEM-406	Community Medicine	3(3-0)
ICT-321	Information & Communication Technologies	3(2-1)
Semester 5		
DEM-501	Principles of Eastern Medicine-III	3(2-1)
DEM-503	Herbal Pharmacy-I	3(2-1)
DEM-505	Materia Medica-I	3(2-1)
DEM-507	Pharmacognosy–I	3(2-1)
DEM-509	Medicine-I	3(2-1)
MIC-301	Microbiology-I (General Microbiology)	3(2-1)
+THQ-III	Teaching of The Holy Quran -III	1(1–0)
Semester 6		
DEM-502	Principles of Eastern Medicine-IV	3(2-1)
DEM-504	Herbal Pharmacy-II	3(2-1)
DEM-506	Materia Medica-II	3(2-1)
DEM-508	Pharmacognosy–II	3 (2-1)
DEM-510	Medicine-II	3(2-1)
MIC-601	Microbiology-II (Clinical Microbiology)	3(2-1)
Semester 7		
DEM-601	Pathology-I (General Pathology)	3(2-1)
DEM-603	Nutraceutical Preparations and Clinical Nutrition-I	3(2-1)
DEM-605	Psychiatry	3(2-1)
DEM-607	Gynecology –I	3(2-1)
DEM-609	Medicine-III	3(2-1)
QTR-422	Quantitative Reasoning-II	3(3-0)
+THQ-IV	Teaching of The Holy Quran -IV	1(1–0)
Semester 8		
DEM-602	Pathology-II (Systemic Pathology)	3(2-1)
DEM-604	Nutraceutical Preparations and Clinical Nutrition-II	3(2-1)
DEM-606	Surgery–I	3(2-1)
DEM-608	Gynecology –II	3(2-1)
DEM-610	Medicine-IV	3(2-1)
BAM-422	Entrepreneurship	2(2-0)
Semester 9		
DEM-701	Pediatrics-I	3(2-1)
DEM-703	Ophthalmology	3(2-1)
DEM-705	Obstetrics–II	3(2-1)
DEM-707	Medicine-V	3(2-1)
DEM-709	Surgery–II	3(2-1)
DEM-711	Forensic Medicine and Toxicology-I	3(2-1)
Semester 10		
DEM-702	Pediatrics-II	3(2-1)
DEM-704	ENT	3(2-1)
DEM-706	Obstetrics–II	3(2-1)
DEM-708	Medicine–VI	3(2-1)
DEM-710	Surgery–III	3(2-1)
CAP-630	Capstone project	6(0-6)

MPhil Phytomedicine

DEM-701	Phytomedicine-I	3(2-1)
DEM-703	Phytochemistry-I	3(2-1)
DEM-705	Medicinal Plants for Developing Eastern Medicine Drugs	3(2-1)
DEM-707	Common Unani Drugs for Specific Ailments	2(2-0)
DEM-709	Contemporary Use of Herbal Drugs in Unani Medicine	3(2-1)
DEM-702	Phytomedicine-II	3(2-1)
DEM-704	Phytochemistry-II	3(2-1)
DEM-706	Designing Clinical Research	2(2-0)
DEM-708	Computer Applications in Clinical Research	2(2-0)
DEM-710	Principles and Practices of Drug Development	3(2-1)
Mandatory Requirements for MPhil		
STA-795	Statistics for Research	3(2-1)
DEM-728	Seminar (General)	1(0-1)
DEM-729	Seminar (Research)	1(0-1)
DEM-713	Special Problem	2(0-2)
DEM-714	Thesis	6(0-6)

PhD Eastern Medicine

DEM-730	Advance Studies in Principles of Eastern Medicine-I	3(2-1)
DEM-731	Computer Applications in Health Education	3(2-1)
DEM-732	Gastroenterology	3(2-1)
DEM-734	Fundamentals of Clinical Investigation	3(3-0)
DEM-735	Advance Studies in Principles of Eastern Medicine-II	3(2-1)
DEM-736	Contemporary Practice of Drug Development	3(3-0)
DEM-737	Principle of Pharmacology	3(2-1)
DEM-738	Designing Clinical Research	3(3-0)
DEM-739	Contemporary Issues in Health Promotion	3(3-0)
Mandatory Requirement for Ph.D.		
STA-795	Statistics for Research	3(2-1)
DEM-758	Seminar (General)	1(0-1)
DEM-759	Seminar (Research)	1(0-1)
DEM-714	Thesis	6(0-6)









Department of Nutritional Sciences

Phone: 041-9203032
Email: linknisa@gcuf.edu.pk



Programs Offered

1. BS Human Nutrition & Dietetics
2. MS Human Nutrition & Dietetics
3. Ph.D Human Nutrition & Dietetics

Chairperson: Prof. Dr. Mahr un Nisa



Vision

The Department of Nutritional Sciences will serve international, national, regional and local communities through discovery of the ways to make balance diet in effective cost for the community ensuring the good health of nation and preventing burden of disease through effective application of nutrition knowledge.

Mission

Department of Nutrition Sciences, Government College University Faisalabad is committed to excellence. Mission of Department is "Knowledge Based Study & Value Added Research". We are committed to provide good Nutritionists/ Dietician as well as good human beings to society so that they may have theoretical and practical contribution for the betterment of humanity. The department assures to produce highly skilled Nutritionists capable of making significant contribution in the different community sectors and related fields both in academia and industry at national and international levels.

Introcuction

The Department of Nutritional Sciences at Government College University Faisalabad was established in 2020. The magnificent faculty, state-of-the-art building, laboratory facilities, and friendly dedicated staff members make the Department a pleasant place to study and conduct research. Recently the Department of Nutritional Sciences has signed three MOUs, one with World Poultry Science Association (WPSA) and second with Association for Bio risk Management Pakistan (ABM), and Tianshi International Pakistan (TIENS) to facilitate the research activities and job placement of passed out students.

bjectives

- To produce competent Nutritionists/Dieticians with adequate scientific background to meet the needs of public and private sector
- To provide professional leadership, services and outreach activities in the major areas of Nutritional Sciences
- To resolve issues oriented in the field of Nutrition
- To meet the training needs of public and private sector
- To produce competent nutritionists and Dietitians for different organizations

Faculty

Prof. Dr. Mahr un Nisa
Professor /Chairperson
Ph.D (UAF-Pakistan)
Specialization: Nutrition, Micro Nutrient Metabolism

Dr. Nazir Ahmad
Associate Professor
Ph.D (France)
Specialization: Health Biotechnology, Nutrition and Food Metabolism

Dr. Aftab Ahmed
Associate Professor
Ph.D (GCUF-Pakistan)
Specialization: Food and Nutrition, Nutritional biochemistry, Functional Foods and Nutraceutical

Dr. Huma Umbreen
Assistant Professor
Ph.D (GCUF-Pakistan)
Specialization: Therapeutic and community Nutrition, fiber and prebiotic based foods and nutraceutical

Dr. Zunaira Tahir
Assistant Professor
Ph.D (GCUF-Pakistan)
Specialization: Food and Nutrition

Ms. Uzma Khalid
Lecturer
M.Sc (GCUF-Pakistan)
Specialization: Food and Nutrition

Ms. Hamna Saleem
Lecturer
MS (UAF-Pakistan)
Specialization: Human Nutrition and Dietetics

Scheme of Studies
BS Human Nutrition & Dietetics

Semester 1		
HND-301	Fundamentals of Human Nutrition	3(2-1)
HND-303	Introductory Nutrient Chemistry	3(3-0)
HND-305	Food Safety and Toxicology	3(3-0)
ICT-321	Information and communicative Technologies	3(3-0)
ENG-321	Functional English	3(3-0)
PSY-321	Introduction to Psychology	2(2-0)
+THQ-I	Teaching of The Holy Quran -I	1(1–0)
Semester 2		
HND-302	Macronutrients in Human Nutrition	3(3-0)
HND-304	Experimental Foods	3(2-1)
HND-306	Nutrition Through the Life Cycle	3(2-1)
HND-308	Meal Planning and Management	3(2-1)
ENG-322	Expository writing	3(3-0)
ICP-321	Ideology and constitution of Pakistan	2(2-0)
ISL-321/ ISL-322	Islamic Studies/Ethics (for Non-Muslims only)	2(2-0)
Semester 3		
HND-401	Micronutrients in Human Nutrition	3(3-0)
HND-403	Assessment of Nutritional Status	3(2-1)
HND-405	Nutritional Education and Awareness	3(2-1)
CCD-421	Civics and Community development	2(2-0)
ENT-422	Entrepreneurship	2(2-0)
QTR-421	Quantitative reasoning I	3(3-0)
SOC-302	Social Tolerance	3(3-0)
+THQ-II	Teaching of The Holy Quran -II	1(1–0)
Semester 4		
HND-402	Analytical Tools in Nutrition and Dietetics	3(2-1)
HND-404	Public Health Nutrition	3(3-0)
MIC-509	Food Microbiology	3(2-1)
PHS-302	Applied Physiology	3(2-1)
GSC-321	The Science of Global Challenges	3(3-0)
QTR-422	Quantitative Reasoning II	3(3-0)
STA-322	Introduction to Statistical Theory-I	3(3-0)
Semester 5		
HND-501	Dietetics-I	3(2-1)
HND-503	Nutrition and Psychology	3(3-0)
HND-505	Nutrition Through Social Protection	3(3-0)
HND-507	Sports Nutrition	3(2-1)
FST-304	Food Processing & Preservation	3(2-1)
AHP-503	Clinical Pathology	3 (2-1)
+THQ-III	Teaching of The Holy Quran -III	1(1–0)
Semester 6		
HND-502	Dietetics-II	3(2-1)
HND-504	Functional Foods and Nutraceuticals	3(2-1)
HND-506	Drug-Nutrient Interactions	3(3-0)
HND-508	Diet Modeling and Counseling	3(2-1)
HND-510	Preventive Nutrition	3(3-0)
HND-512	Food and Drug Laws	3(3-0)
Semester 7		
HND-601	Dietetics-III	3(2-1)
HND-603	Nutrition Policies and Programs	3(3-0)
HND-605	Nutrition Epidemiology	3(2-1)
HND-607	Research Methods in Nutrition	3(2-1)
HND-609	Nutritional Practices in Clinical Care	3(2-1)
HND-611	Nutrition in Emergencies	3(3-0)
+THQ-IV	Teaching of The Holy Quran -IV	1(1–0)
Semester 8		
CAP-630	Capstone project	3(0-3)
INT-631	Internship and Report Writing	3(0-3)

MS/PhD Human Nutrition and Dietetics

Core Courses for MS / PhD		
HND-701	Maternal and Child Nutrition	3(3-0)
HND-705	Clinical Nutrition and Dietetics	3(1-2)
HND-712	Public Health Nutrition	3(2-1)
HND-714	International Nutrition	3(3-0)
HND-716	Analytical techniques in Food and Nutrition	3(2-1)
HND-717	Advanced human nutrition	3(3-0)
HND-718	Advanced medical therapy	3(2-1)
HND-719	Advanced techniques in biochemical analysis	3(1-2)
HND-720	Metabolic interrelationships: macronutrients	3(3-0)
HND-721	Clinical assessment of nutritional status	3(2-1)
HND-722	Nutrition and Epidemiological studies	3(2-1)
Optional Courses		
HND-702	Nutrigenomics and Proteomics	3(2-1)
HND-703	Physiology of Digestion and Metabolism	3(2-1)
HND-704	Recent Advances in Nutrition and Dietetics	3(3-0)
HND-706	Nutrition Immunology and Physiological Functions	3(2-1)
HND-707	Sports and Exercise Nutrition	3(2-1)
HND-708	Applied Dietetics	3(2-1)
HND-709	Pediatric and Geriatric Nutrition	3(3-0)
HND-710	Professional Dietetics Practices	3(3-0)
HND-711	Food and Nutritional Security: Policy to Practice	3(3-0)
HND-713	Nutritional Epidemiology & Research Methods	3(2-1)
HND-715	Colonic Microbiota and Biosecurity in Food and Nutrition	3(2-1
HND-723	Human immunology and nutrition	2(2-0)
HND-724	Biochemical, physiological, and genetic aspects of human nutrition	3(3-0)

HND-725	Cell biology and nutrition	3(3-0)
HND-726	Metabolism of bioactive nutrients	3(3-0)
HND-727	Processes in clinical nutrition	3(2-1)
HND-728	Pathophysiologic basis of metabolic diseases	3(3-0)
HND-729	Health benefits of functional foods	3(3-0)
HND-730	Dietary interventions in public health	3(2-1)
HND-731	Geriatric nutrition	3(3-0)
HND-732	Pre-therapy and allied health	3(3-0)
HND-733	Nutritional genomics	3(3-0)
HND -734	Pathophysiology of obesity	3(3-0)
HND-735	Project designing in nutrition	2(1-1)
HND-736	Recent Advances in Human Nutrition	3(3-0)
HND-737	Nutrition of Laboratory Animal	3(2-1)
HND-738	Energy Metabolism	3(2-1)
HND-739	Animal Nutrition for Community Health	3(3-0)
HND-740	Critical Care Nutrition	3(2-1)
HND-741	Human and Environmental Allergies	3(3-0)
HND-742	Food Deficiency and Combating strategies	3(2-1)
HND-743	Need based Human Nutrition	3(2-1)
HND-744	Molecular Nutrition	3(2-1)
Mandatory Requirements		
STA-795	Statistics for Research (MS)	3(2-1)
STA-797	Experimental and Influential statistics for research (PhD)	3(2-1)
HND-758	Seminar General (MS)	1(0-1)
HND-759	Seminar Research (MS)	1(0-1)
NHD-760	Special Problem (MS)	1(0-1)
HND-761	Thesis (MS)	6(0-6)
HND-762	Seminar General (PhD)	1(0-1)
HND-763	Seminar Research (PhD)	1(0-1)
NHD-764	Special Problem (PhD)	1(0-1)
HND-765	Thesis (PhD)	
*Minor courses from related Departments can be offered depending upon requirement of the research area.		

















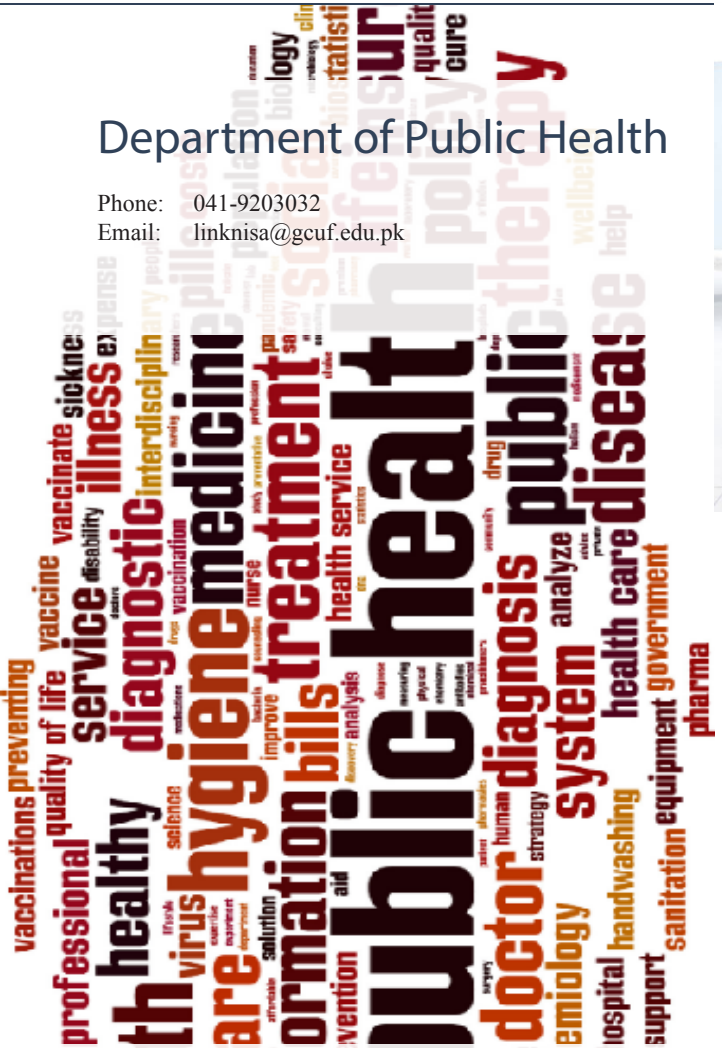






Department of Public Health

Phone: 041-9203032
Email: linknisa@gcuf.edu.pk



Programs Offered

1. MS Publich Heath (MSPH)

Incharge: Prof. Dr. Abid Rashid



Vision

To be a leading College in transformative and innovative education in the field of Public Health, guided by National imperatives and a strong commitment to socially responsive education. We will strive for excellence in professional and teaching excellence, as well as in the development of National and global linkages in disease prevention, health education, medical research and development of global health related to the concern areas.

Mission

To bring a qualitative and quantitative revolution in medical education by providing an environment geared towards promoting research and academic culture in order to improve the existing healthcare system.

Introcuction

Public Health Science is a multidisciplinary field that has changed over the years. However, an effective public health system is as urgent as it has ever been. A public health Professional receives education and training in a wide range of disciplines but aim at improving health through a population focus. Public Health education and training not only includes the five long-recognized core components of public health (i.e., epidemiology, biostatistics, environmental health, health services administration and social and behavioral sciences) but new areas are also considered these days as essentials of public health: disease-control, reproductive and child health, informatics, genomics, communication, cultural and social diversity, community-based participatory research, policy and law, global health and ethics. Public health professionals' education and preparedness should be of concern to everyone for this will improve the health of the populations.

Faculty

Prof. Dr. Abid Rashid
Dean, Medical Sciences
M.B.B.S, FCPS (Surgery), CMT (U.K),
Ph.D. (clinical medicine and surgery)

Dr Ali Siftain
Lecturer / Coordinator
M.Phil Epidemiology and Public Health
Specialization: Epidemiological approaches in disease surveillance, Active and passive surveillance.

Dr. Sultan Ayaz
Associate Professor
MPH, PhD (HU-Pakistan)
Specialization: Health Promotion, Advocacy and Social Mobilization

Scheme of Studies
MS Public Health (MSPH)

Semester 1		
MPH-701	Foundation of Public Health	3(3-0)
MPH-703	Basic of Epidemiology	3(2-1)
MPH-705	Environmental and Occupational health	3(3-0)
MPH-709	Health System	3(3-0)
Semester 2		
MPH-702	Applied Epidemiology	3(2-1)
MPH-704	Research Methods: Quantitative and Qualitative	3(2-1)
	Elective-1	
	Elective-2	
	Elective-3	
Mandatory Requirement for MS		
STA-795	Statistics for Research	3(2-1)
MPH-728	Seminar General	1(0-1)
MPH-729	Seminar Research	1(0-1)
MPH-730	Thesis	6(0-6)
Elective Courses		
MPH-706	Demography and Population Dynamics	3(2-1)
MPH-707	Health Promotion, Advocacy and Social Mobilization	3(3-0)
MPH-708	Nutrition for Children, Adolescent & Mothers	3(3-0)
MPH-710	Health Policy, Planning and Management	3(3-0)
MPH-711	Human Resource Management for Health	3(3-0)
MPH-712	Epidemiology of Communicable & Non Communicable Diseases	3(3-0)
MPH-713	Financial Management	3(3-0)
MPH-714	Epidemiological Report Writing	3(3-0)
MPH-715	Community Management of Malnutrition	3(3-0)
MPH-716	International Food Organizations	3(3-0)
MPH-717	Advanced Epidemiology and Biostatistics	3(3-0)
MPH-718	Community Based RH Interventions	3(3-0)
MPH-719	Gender Development	3(3-0)
MPH-720	Applied Health Economics	3(3-0)
MPH-721	Health Care Financing	3(3-0)
MPH-722	Supply Chain Management	3(3-0)







College of Allied Health Professionals

Phone: 041-9201129
Email: cahp@gcuf.edu.pk





Programs Offered

College of Allied Health Professionals

1. BS Operation Theatre Technology (OTT)
2. BS Radiography & Imaging Technology (RIT)
3. BS Medical Laboratory Technology (MLT)
4. BS Orthotics & Prosthetics

Department of Physical Therapy

1. Doctor of Physical Therapy (DPT)

Principal: Prof. Dr. Abid Rashid

Vision:

To be a leading center of excellence in Allied Health Education, research, and innovation, empowering future healthcare professionals to transform lives and elevate the standard of medical care in Pakistan.

Mission:

Our mission is to nurture a community of dedicated and skilled Allied Health Professionals through comprehensive and cutting-edge education, fostering a culture of research and critical thinking. We are committed to equipping our students with the knowledge, technical expertise, and ethical values to excel in the field of Medical Sciences, serving humanity with compassion and integrity. As an institution, we strive to continually adapt and evolve to meet the dynamic healthcare challenges, making a significant contribution to the healthcare sector and the well-being of society.

Introducation:

Established in 2012, the College of Allied Health Professionals at Government College, University Faisalabad-Pakistan, is a distinguished institution dedicated to excellence in healthcare education. Through our innovative undergraduate programs, including Bachelor of Science in Medical Lab Technology (BS MLT), Bachelor of Science in Radiography & Imaging Technology (BS RIT), and Bachelor of Science in Operation Theatre Technology (BS OTT), we empower our students to become skilled and compassionate healthcare professionals. For students' professional training, the college has signed MoUs with prominent hospitals, including National Hospital, Faisalabad, Suraya Majeed Hospital, Faisalabad, Faisal Hospital, Faisalabad, and Allied Hospital, Faisalabad, providing valuable opportunities for hands-on training and professional exposure. Our faculty of accomplished experts ensure a transformative learning experience, preparing graduates for successful careers in the dynamic field of medical sciences.

Faculty

Dr. Imtiaz Mahmood Tahir
Assistant Professor / In-Charge
PhD
Expertise: Human Diagnostics, Pharmacogenomics, Pharmacognosy & Chemoresistance

Mr. Muhammad Naeem
Lecturer
MPhil
Expertise: Surgical Technology, Clinical Microbiology, Operation Theatre, Sterilization

Mr. Jahanzaib Tufail
Lecturer
MPhil
Expertise: Surgical Technology, Clinical Microbiology, Operation Theatre Sterilization

Ms. Anam Tanvir
Lecturer
MPhil
Expertise: Immunology, Serology and Epidemiology

Ms. Maria Rasool
Lecturer
MPhil
Expertise: Microbiology & Immunology

Faculty of
Pharmaceutical Sciences

Ph: 041-9201036

1- Department of Pharmacology
2- Department of Pharmaceutics
3- Department of Pharmaceutical Chemistry
4- Department of Pharmacy Practice
5- Department of Pharmacognosy

Faculty of
Pharmaceutical Sciences

Phone: 041-9201036
Email: pharmacy@gcuf.edu.pk



Programs Offered

1. Doctor of Pharmacy (Pharm.D)
2. MPhil and PhD Pharmacology
3. MPhil and PhD Pharmaceutics
4. MPhil and PhD Pharmaceutical Chemistry
5. MPhil Pharmacy Practice



Vision

Faculty of Pharmaceutical Sciences is a national model for excellence in pharmacy education, research and services by providing contemporary curriculum, evidence based practice and state of the art research facilities to the students.

Mission

To develop future pharmacist who could better lead as educationist, regulatory affairs manager, researcher, industrial pharmacist, community, hospital and clinical practitioner in Pakistan and beyond.

Introduction

Pharmacy is a lifesaving healthcare profession. In recent times, paradigm shift in the national and international healthcare systems have fuelled desire to upgrade the medical services in a modern healthcare system. This concept has also revolutionized the service providing approach of the pharmacy profession which has now developed into a multi-disciplinary profession. Currently, due to various health related issues there is need to develop new potent synthetic and biotech drugs as well as new drug delivery systems. This has substantially shifted the responsibility of pharmacists towards appropriate use of modern medicines so as to ensure optimum drug therapy and protecting the public from associated adverse drug reactions. It is therefore necessary to prepare and groom pharmacists for future professional responsibilities and challenges. The Department of Pharmacy was established in the GC University Faisalabad in the year 2005. It was upgraded to College of Pharmacy in 2010 and Faculty of Pharmaceutical Sciences in 2014. The Faculty of Pharmaceutical Sciences is offering Pharm.D (5 years), MPhil and / or PhD in Pharmacology, Pharmaceutics, Pharmaceutical Chemistry and Pharmacy Practice degree programs.

Objectives

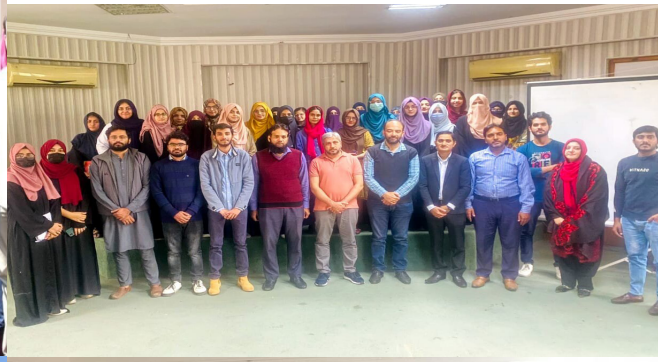
- Provide quality education to students, who shall meet pharmaceutical and clinical needs of society and the globe.
- Cultivate a conducive environment where faculty and students can carry out studies and research activities.
- Develop competent pharmacists who would actively participate in healthcare related activities in Pakistan and worldwide.
- Understand how quality medicines are synthesized, developed, manufactured and delivered to patients in accordance with pharmaceutical knowledge, legislation and codes of professional conduct and practice.
- In Future we are planing to statrt Mphil / PhD in Pharma cognosy and pharmacy practice.

Pharm.D*

Semester1		
ENG-321	English - A (Functional English)	3(3-0)
PHM-301	Pharmaceutics-IA (Physical Pharmacy) TH	3(3-0)
PHM-303	Pharmaceutics-IA (Physical Pharmacy) LAB	1(0-1)
PHM-305	Pharmaceutical Chemistry-IA (Organic) TH	3(3-0)
PHM-307	Pharmaceutical Chemistry-IA (Organic) LAB	1(0-1)
PHM-309	Pharmaceutical Chemistry-IIA (Biochemistry) TH	3(3-0)
PHM-311	Pharmaceutical Chemistry-IIA (Biochemistry) LAB	1(0-1)
PHM-313	Physiology-A TH	3(3-0)
PHM-315	Physiology-A LAB	1(0-1)
PHM-317	Anatomy and Histology TH	3(3-0)
PHM-319	Anatomy and Histology LAB	1(0-1)
+THQ-I	Teaching of The Holy Quran -I	1(1–0)
Semester 2		
ENG-322	English - B (Communication & Writing Skills)	3(3-0)
PHM-302	Pharmaceutics-IB (Physical Pharmacy) TH	3(3-0)
PHM-304	Pharmaceutics-IB (Physical Pharmacy) LAB	1(0-1)
PHM-306	Pharmaceutical Chemistry-IB (Organic) TH	3(3-0)
PHM-308	Pharmaceutical Chemistry-IB (Organic) LAB	1(0-1)
PHM-310	Pharmaceutical Chemistry-IIB (Biochemistry) TH	3(3-0)
PHM-312	Pharmaceutical Chemistry-IIB (Biochemistry) LAB	1(0-1)
PHM-314	Physiology-B TH	3(3-0)
PHM-316	Physiology-B LAB	1(0-1)
Semester 3		
ISL-321	Islamic Studies	2(2–0)
ISL-322	Ethics (For Non-Muslims only)	2(2–0)
PHM-401	Pharmaceutics-IIA (Dosage Form Science) TH	3(3-0)
PHM-403	Pharmaceutics-IIA (Dosage Form Science) LAB	1(0-1)
PHM-405	Pharmaceutics-IIIA (Pharmaceutical Microbiology & Immunology) TH	3(3-0)
PHM-407	Pharmaceutics-IIIA (Pharmaceutical Microbiology & Immunology) LAB	1(0-1)
PHM-409	Pharmacology and Therapeutics-IA TH	3(3-0)
PHM-411	Pharmacology and Therapeutics-IA LAB	1(0-1)
PHM-413	Pharmacognosy-IA (Basic) TH	3(3-0)
PHM-415	Pharmacognosy-IA (Basic) LAB	1(0-1)
PHM-417	Pharmacy Practice-IA (Pharmaceutical Mathematics) TH	3(3-0)
+THQ-II	Teaching of The Holy Quran -II	1(1–0)
Semester 4		
PST-403	Pakistan Studies TH	2(2-0)
PHM-402	Pharmaceutics-IIB (Dosage Form Science) TH	3(3-0)
PHM-404	Pharmaceutics-IIB (Dosage Form Science) LAB	1(0-1)
PHM-406	Pharmaceutics-IIIB (Pharmaceutical Microbiology & Immunology) TH	3(3-0)
PHM-408	Pharmaceutics-IIIB (Pharmaceutical Microbiology & Immunology) LAB	1(0-1)
PHM-410	Pharmacology and Therapeutics-IB TH	3(3-0)
PHM-412	Pharmacology and Therapeutics-IB LAB	1(0-1)
PHM-414	Pharmacognosy-IB (Basic) TH	3(3-0)
PHM-416	Pharmacognosy-IB (Basic) LAB	1(0-1)
PHM-418	Pharmacy Practice IB (Biostatistics) TH	3(3-0)
Semester 5		
PHM-501	Pharmaceutical Chemistry-IIIA (Pharmaceutical Analysis) TH	3(3-0)
PHM-503	Pharmaceutical Chemistry-IIIA (Pharmaceutical Analysis) LAB	1(0-1)
PHM-505	Pharmacology and Therapeutics-IIA TH	3(3-0)
PHM-507	Pharmacology and Therapeutics-IIA LAB	1(0-1)
PHM-509	Pharmacognosy-IIA (Advanced) TH	3(3-0)
PHM-511	Pharmacognosy-IIA (Advanced) LAB	1(0-1)
PHM-513	Pharmacy Practice-IIA (Dispensing Pharmacy) TH	3(3-0)
PHM-515	Pharmacy Practice-IIA (Dispensing Pharmacy) LAB	1(0-1)
PHM-517	Pathology TH	3(3-0)
PHM-519	Pathology LAB	1(0-1)
+THQ-III	Teaching of The Holy Quran -III	1(1–0)
Semester 6		
PHM-502	Pharmaceutical Chemistry-IIIB (Pharmaceutical Analysis) TH	3(3-0)
PHM-504	Pharmaceutical Chemistry-IIIB (Pharmaceutical Analysis) LAB	1(0-1)
PHM-506	Pharmacology and Therapeutics-IIB TH	3(3-0)
PHM-508	Pharmacology and Therapeutics-IIB LAB	1(0-1)
PHM-510	Pharmacognosy-IIB (Advanced) TH	3(3-0)
PHM-512	Pharmacognosy-IIB (Advanced) LAB	1(0-1)
PHM-514	Pharmacy Practice III (Computer and its Application in Pharmacy) TH	3(3-0)
PHM-516	Pharmacy Practice III (Computer and its Application in Pharmacy) LAB	1(0-1)
PHM-518	Pharmacy Practice IIB (Community, Social & Administrative Pharmacy) TH	3(3-0)
Semester 7		
PHM-601	Pharmacy Practice-IVA (Hospital Pharmacy) TH	3(3-0)
PHM-603	Pharmacy Practice-VA (Clinical Pharmacy-I) TH	3(3-0)
PHM-605	Pharmacy Practice-VA (Clinical Pharmacy-I) LAB	1(0-1)
PHM-607	Pharmaceutics-IVA (Industrial Pharmacy) TH	3(3-0)
PHM-609	Pharmaceutics-IVA (Industrial Pharmacy) LAB	1(0-1)
PHM -611	Pharmaceutics-VA (Biopharmaceutic & Pharmacokinetics) TH	3(3-0)
PHM-613	Pharmaceutics-VA (Biopharmaceutic & Pharmacokinetics) LAB	1(0-1)
PHM-615	Pharmaceutics-VIA (Pharmaceutical Quality Management) TH	3(3-0)
PHM-617	Pharmaceutics-VIA (Pharmaceutical Quality Management) LAB	1(0-1)
+THQ-IV	Teaching of The Holy Quran -IV	1(1–0)
Semester 8		
PHM-602	Pharmacy Practice-IVB (Hospital Pharmacy) TH	3(3-0)
PHM-604	Pharmacy Practice-VB (Clinical Pharmacy-I) TH	3(3-0)
PHM-606	Pharmacy Practice-VB (Clinical Pharmacy-I) LAB	1(0-1)
PHM-608	Pharmaceutics-IVB (Industrial Pharmacy) TH	3(3-0)
PHM-610	Pharmaceutics-IVB (Industrial Pharmacy) LAB	1(0-1)
PHM-612	Pharmaceutics-VB (Biopharmaceutics & Pharmacokinetics) TH	3(3-0)

PHM-614	Pharmaceutics-VB (Biopharmaceutics & Pharmacokinetics) LAB	1(0-1)
PHM-616	Pharmaceutics-VIB (Pharmaceutical Quality Management) TH	3(3-0)
PHM-618	Pharmaceutics-VIB (Pharmaceutical Quality Management) LAB	1(0-1)
Semester 9		
PHM-651	Pharmaceutics-VIIA (Pharmaceutical Technology) TH	3(3-0)
PHM-653	Pharmaceutics-VIIA (Pharmaceutical Technology) LAB	1(0-1)
PHM-655	Pharmacy Practice-VIA (Advanced Clinical Pharmacy-II) TH	3(3-0)
PHM-657	Pharmacy Practice-VIA (Advanced Clinical Pharmacy-II) LAB	1(0-1)
PHM-659	Pharmacy Practice-VIIA (Forensic Pharmacy) TH	3(3-0)
PHM-661	Pharmacy Practice-VIIIA (Pharmaceutical Management & Marketing) TH	3(3-0)
PHM-663	Pharmaceutical Chemistry-IVA (Medicinal Chemistry) TH	3(3-0)
PHM-665	Pharmaceutical Chemistry-IVA (Medicinal Chemistry) LAB	1(0-1)
Semester 10		
PHM-652	Pharmaceutics- VIIB (Pharmaceutical Technology) TH	3(3-0)
PHM-654	Pharmaceutics- VIIB (Pharmaceutical Technology) LAB	1(0-1)
PHM-656	Pharmacy Practice-VIB (Advanced Clinical Pharmacy-II) TH	3(3-0)
PHM-658	Pharmacy Practice-VIB (Advanced Clinical Pharmacy-II) LAB	1(0-1)
PHM-660	Pharmacy Practice-VIIB (Forensic Pharmacy) TH	3(3-0)
PHM-662	Pharmacy Practice-VIIIB (Pharmaceutical Management & Marketing) TH	3(3-0)
PHM-664	Pharmaceutical Chemistry-IVB (Medicinal Chemistry) TH	3(3-0)
PHM-666	Pharmaceutical Chemistry-IVB (Medicinal Chemistry) LAB	1(0-1)
* Pharm.D curriculum is as per guidelines of Pharmacy Council of Pakistan given in the year of 2013.		











Department of Pharmacology

Phone: 041-9201036
Email: liaqat.hussain@gcuf.edu.pk



Programs Offered

1. MPhil (Pharmacology)

Teacher Incharge: Dr. Liaqat Hussain



Vision

Sustainable state-of-the-art teaching and research facilities in pharmacology to address complex human diseases and to develop research oriented ethical clinical pharmacologists.

Mission

To develop and train future pharmacologists in the field of gastrointestinal, cardiovascular, respiratory, endocrine, neuro, inflammo and ethnopharmacology by providing evidence-based curriculum, lab facilities and enabling learning environment.

Introduction

Pharmacology is an essential element of Pharmaceutical sciences (Pharmacy), Medicine, Dentistry and allied health care disciplines. Department of Pharmacology was established as an independent entity in 2014 under the umbrella of Faculty of Pharmaceutical Sciences. This discipline also covers Physiology, Pathology, Anatomy and Histology to understand physiological, anatomical description of the body and the pathophysiological basis of diseases for rationale drug classifications, therapeutic uses, pharmacodynamics, pharmacokinetics, adverse effects and important drug-drug interactions. Department of Pharmacology is aimed to promote conducive learning environment, team work culture, ethical behavior and interdisciplinary research approach to address complex health related issues.

Faculty

Dr. Liaqat Hussain
PhD (Zhejing, China), MPhil (BZU-Pakistan), RPh
Assistant Professor
Specialization: Pharmacology

Dr. Ammara Saleem
PhD (GCUF-Pakistan), MPhil (UVAS), RPh
Assistant Professor
Specialization: Ethno and Inflammo Pharmacology

Dr. Shumaila Mehdi
PhD (GCUF-Pakistan), RPh
Assistant Professor
Specialization: Pharmacology

Dr. Muhammad Riaz
PhD (Malaysia), RPh
Assistant Professor
Specialization: Pharmacy Practice

Dr. Humaira Gul
PhD (IUB-Pakistan), RPh
Specialization: Pharmacology

MPhil Pharmacology

PCL-701	General Pharmacology	3(3-0)
PCL-702	Applied Pharmacology-I	3(3-0)
PCL-703	Biochemical and Molecular Pharmacology-I	3(3-0)
PCL-704	Research Methodology	3(3-0)
PCL-705	Applied Pharmacology-II	3(3-0)
PCL-706	Neuropharmacology	3(3-0)
Mandatory Requirements for MPhil		
STA-795	Statistics for Research	3(2-1)
PCL-728	Seminar (General)	1(0-1)
PCL-729	Seminar (Research)	1(0-1)
PCL-730	Thesis	6(0-6)



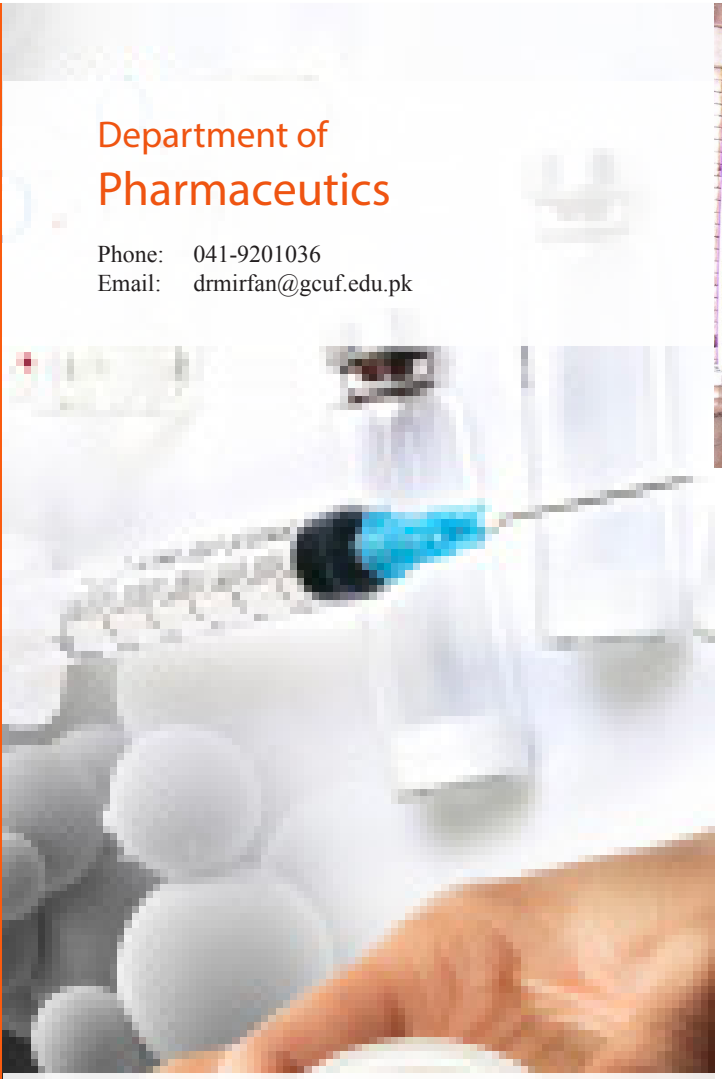






Department of Pharmaceutics

Phone: 041-9201036
Email: drmirfan@gcuf.edu.pk



Programs Offered

1. MPhil (Pharmaceutics)
2. PhD (Pharmaceutics)

Chairperson: Dr. Muhammad Irfan



Vision

Department of Pharmaceutics will nurture future formulation scientists to integrate the multiple approaches of pharmaceutics in developing novel dosage forms and providing solution to the pharmaceutical industry to achieve the goals of sustainable development.

Mission

To develop the character and skills in our professional and graduate students, necessary for the roles of the pharmaceutical industry, research & development, and betterment of health sector.

Introduction

Pharmaceutics is major discipline of pharmacy profession which deals with dosage form development and relationships between drug formulation, delivery, disposition and their clinical responses. Department of Pharmaceutics was established in 2014 and since then committed to provide quality education and research at under and postgraduate level. Most of the faculty members of the department are PhD or pursuing their doctoral studies. We are actively involved in research and offering master and doctoral programs. Our faculty members have number of research projects and facilities to carry out quality research.

Faculty

Dr. Muhammad Irfan
PhD (Germany), RPh
Associate Professor (Tenured)
Specialization: Pharmaceutical Technology

Dr. Akhtar Rasul
PhD (IUB-Pakistan), RPh
Associate Professor
Specialization: Formulation Development & Drug Delivery

Dr. Ikram Ullah Khan
PhD (France), RPh
Associate Professor
Specialization: Development of macro, micro and nanocarriers for drug delivery

Dr. Syed Haroon Khalid
PhD (Malaysia), RPh (Ex-Pakistan Leave)
Assistant Professor
Specialization: Pharmaceutical Technology

Dr. Sajid Asghar
PhD (China), RPh (Ex-Pakistan Leave)
Assistant Professor
Specialization: Nanoformulations

Dr. Ikrima Khalid
PhD (IUB-Pakistan), RPh
Assistant Professor
Specialization: Polymeric composite for drug delivery

Dr. Ghulam Abbas
PhD (BZU-Pakistan), RPh
Assistant Professor
Specialization: Pharmaceutics

Dr. Muhammad Yasir Ali
PhD (Germany), RPh
Assistant Professor
Specialization: Pharmaceutical Technology

Dr. Sana Inam
PhD (GCUF-Pakistan), RPh
Assistant Professor
Specialization: Pharmaceutics

Dr. Asif Massud
PhD (Malaysia), RPh
Assistant Professor
Specialization: Clinical Pharmacy

Dr. Aisha Sethi
PhD (IUB-Pakistan), RPh
Assistant Professor
Specialization: Pharmaceutics

Dr. Shams ul Hassan
PhD (GCUF-Pakistan), RPh
Assistant Professor
Specialization: Pharmaceutics

Mr. Usman Saleem
MPhil (PU-Pakistan), RPh
Lecturer

MPhil / PhD Pharmaceutics

PCU-701	Current Pharmaceutical Technology	3(3-0)
PCU-702	Pharmaceutical Biotechnology	3(3-0)
PCU-703	Advanced Biopharmaceutics	3(3-0)
PCU-704	Nutraceuticals and Cosmetology	3(3-0)
PCU-705	Contemporary Pharmaceutics	3(3-0)
PCU-706	Pharmaceutical Quality assurance	3(3-0)
PCU-707	Research Methodology in Pharmaceutics	3(3-0)
PCU-708	Advanced Pharmaceutical Technology	3(3-0)
PCU-709	Principles of Drug Delivery and Intrinsic factors	3(3-0)
PCU-710	Research Ethics and Biostatistical Techniques	3(3-0)
PCU-711	Cosmeceuticals and Nutraceuticals	3(3-0)
PCU-712	Biologicals	3(3-0)
PCU-713	Modern Pharmaceutics	3(3-0)
Mandatory Requirements for MPhil.		
STA-795	Statistics for Research	3(2-1)
PCU-728	Seminar (General)	1(0-1)
PCU-729	Seminar (Research)	1(0-1)
PCU-730	Thesis	6(0-6)
Mandatory Requirements for PhD		
*STA-795	Statistics for Research	3(2-1)
PCU-758	Seminar (General)	1(0-1)
PCU-759	Seminar (Research)	1(0-1)
PCU-760	Thesis	----

*STA-795 is mandatory only for those PhD students who have not covered statistics course of 3 credit hours in MPhil.











Department of Pharmaceutical Chemistry

Phone: 041-9200037
Email: noorulamin@gcuf.edu.pk



Vision

Department of Pharmaceutical Chemistry endeavors to be a recognized model for graduating students through innovative ideas and recent trends in the field of pharmaceutical chemistry along with drug design, and their development, to compete in and contribute to achieve sustainable development goals.

Mission

To produce world class pharmaceutical chemists with competencies to meet the national pharmaceutical challenges with technical and scientific skills for appropriate drug discovery and development.

Introduction

Pharmaceutical chemistry is one of the major disciplines of pharmaceutical sciences which deals with all chemical aspects of drugs and natural products, such as their structure, synthesis, isolation, and their structural activity in relationship with pharmacological activity. Department of Pharmaceutical Chemistry was established in 2014 and since then committed to provide quality education and research to its graduates which is based on the latest and most advanced trends in different fields of pharmaceutical chemistry.

Programs Offered

1. MPhil (Pharmaceutical Chemistry)
2. PhD (Pharmaceutical Chemistry)

Chairperson: Dr. Noor Ul Amin Mohsin

Faculty

Dr. Noor Ul Amin Mohsin
PhD (Austria), RPh
Associate Professor
Specialization: Drug design and synthesis

Dr. Muhammad Sajid Hamid Akash
PhD (China), RPh
Associate Professor
Specialization: Pharmaceutical Analysis, Biochemical Pharmacology, Biochemical Genetics, Cardiometabolic and Neurological Disorders

Dr. Malik Saadullah
PhD (BZU-Pakistan), RPh
Assistant Professor
Specialization: Natural product chemistry

Dr. Rizwan Rashid Bazmi
PhD (Thailand), RPh
Assistant Professor
Specialization: Natural product chemistry

Dr. Abid Mahmood
PhD (COMSAT-Pakistan)
Assistant Professor
Specialization: Pharmaceutical Chemistry

MPhil / PhD Pharmaceutical Chemistry

Core Courses for MPhil		
PCH-701	Drug Discovery and Design	3 (3-0)
PCH-703	Phytochemistry	3 (3-0)
PCH-705	Advanced Pharmaceutical Analysis	3 (3-0)
PCH-710	Biochemistry of Metabolic disorders	3 (3-0)
Core Courses for PhD		
PCH-716	Advances in Medicinal Chemistry	3 (3-0)
PCH-711	Biochemistry of drug metabolizing enzymes	3 (3-0)
PCH-724	Natural Product Chemistry	3 (3-0)
Optional Courses for MPhil and PhD		
PCH-702	Drug Stability and Chemical Kinetics	3 (3-0)
PCH-704	Advances in Clinical Chemistry	3 (3-0)
PCH-706	Isolation and Characterization of Drugs	3 (3-0)
PCH-707	Quantitative Structure Activity Relationship	3 (3-0)
PCH-708	Research Methodology in Pharmaceutical Chemistry	3 (3-0)
PCH-709	Polymers in Pharmaceutical Applications	3 (3-0)
PCH-712	Method Development for Pharmaceutical Analysis	3 (3-0)
PCH-713	Chemistry of Secondary Metabolites	3 (3-0)
PCH-714	Stereochemistry of Bioactive Compounds	3 (3-0)
PCH-715	Chemistry of Nutraceuticals	3 (3-0)
PCH-717	Physicochemical Properties of Drug Molecules	3 (3-0)
PCH-718	Enzymes as Drug Targets	3(3-0)
PCH-720	Structure Elucidation Techniques	3 (3-0)
PCH-721	Biotechnology and Drug Development	3 (3-0)
PCH-722	Drug Metabolism	3 (3-0)
PCH-723	Combinatorial Chemistry and Drug Synthesis	3 (3-0)
PCH-725	Drug Likeness of New Molecules	3 (3-0)
Mandatory Requirements for MPhil		
STA-795	Statistics for Research	3(2-1)
PCH-728	General Seminar	1(0-1)
PCH-729	Research Seminar	1(0-1)
PCH-730	Thesis	6(0-6)
Mandatory Requirements for PhD		
*STA-795	Statistics for Research	3(2-1)
PCH-758	General Seminar	1(0-1)
PCH-759	Research Seminar	1(0-1)
PCH-760	Thesis	

*STA-795 is mandatory only for those PhD students who have not covered statistics course of 3 credit hours in MPhil.



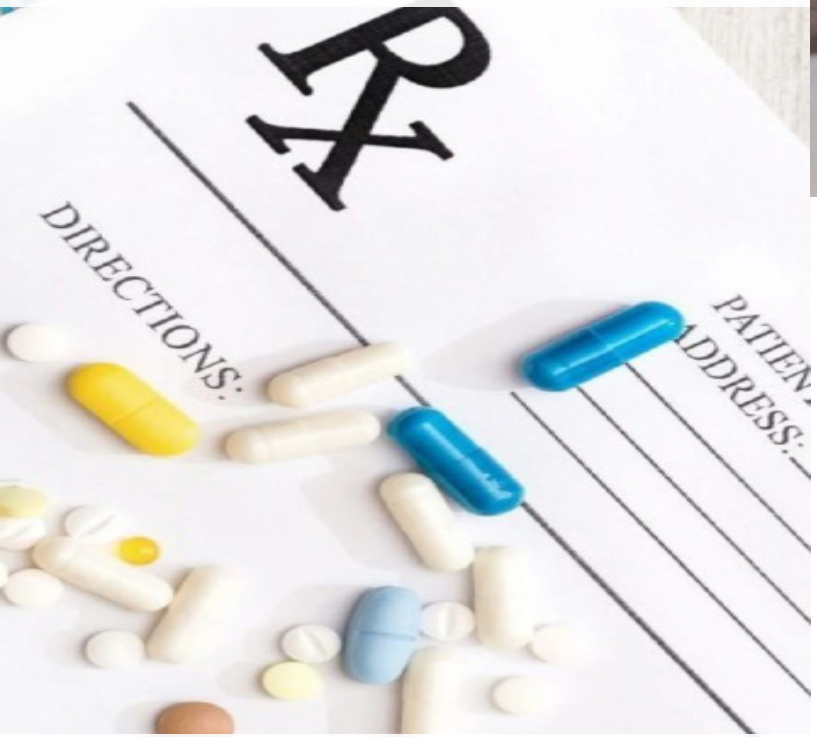






Department of Pharmacy Practice

Phone: 041-9201036
Email: shahid.shah@gcuf.edu.pk



Programs Offered
MPhil (Pharmacy Practice)

Incharge: Dr. Shahid Shah



Vision

The Department of Pharmacy Practice at GCUF seeks to be a leader in pharmacy education, innovative basic and applied research, novel medication management models, and delivery of exemplary patient care.

Mission

Enabling students to be a part of healthcare team as medicine experts by developing necessary skills for patient care, clinical research and pharmacy leaders.

Introduction

Established in 2014, Pharmacy Practice is the major discipline of Pharm-D program which involves developing the professional roles of pharmacists in the healthcare system (hospitals, community pharmacies and health regulatory authorities). Clinical Pharmacy is a key area of the Pharmacy Practice in which pharmacist provides patient care through medication optimization and promotes health, and disease prevention. In future PhD in Pharmacy Practice will be offered.

Faculty

Dr. Shahid Shah
PhD (France), RPh
Assistant Professor
Specialization: Clinical Pharmacy

Dr. Mohsin Ali
PhD (Germany), RPh
Assistant Professor
Specialization: Clinical Pharmacy and Pharmacotherapy

Dr. Salamat Ali
PhD (QAU-Pakistan), RPh
Assistant Professor
Specialization: Pharmacy Practice and Pharmaceutical Care



MPhil Pharmacy Practice

PHP-701	Patient Care in Pharmacy Practice	3 (3-0)
PHP-702	Clinical Pharmacy - I	3 (3-0)
PHP-703	Pharmacotherapeutics - I	3 (3-0)
PHP-704	Clinical Pharmacokinetics	3 (3-0)
PHP-705	Research Methodology	3 (3-0)
PHP-706	Clinical Pharmacy - II	3 (3-0)
PHP-707	Pharmacotherapeutics - II	3 (3-0)
Mandatory Requirements for MPhil		
STA-795	Statistics for Research	3 (2-1)
PHP-728	Seminar (General)	1(0-1)
PHP-729	Seminar (Research)	1(0-1)
PHP-730	Thesis	6(0-6)









Department of Pharmacognosy

Phone: 041-9201036
Emial: drijazali@gcuf.edu.pk



Programs Offered
MPhil (Pharmacognosy)

Incharge: Dr. Ijaz Ali



Vision

To be renowned and prestigious department at national and international level by offering high quality education and research in the preparation, standardization, commercialization, effectiveness and safe use of herbal medicines and natural products.

Mission

Department of Pharmacognosy is determined to provide quality education and research. It is also amied to promote safe and efficacious use of herbal medicines and nutraceuticals through innovative research and phytopharmaceutical development based on local resources.

Introduction

Pharmacognosy is one of the major disciplines of pharmacy that deals with the drugs obtained from natural sources such as plants, animals, minerals and other natural sources. Pakistan is rich in natural fauna and flora and there is dire need to explore their medicinal potential to cure different diseases with minimum side effects. Department of Pharmacognosy was established in 2014 and since we are committed to provide quality education and research. In future we are planning to start MPhil and PhD in Pharmacognosy.

Faculty

Dr. Ijaz Ali
PhD (UOK-Pakistan), RPh
Assistant Professor
Specialization: Extraction & Standardization of Crude drugs, vegitable oil analysis by GCMS, Bio active evalution of metabolites for antiozidant, antidiabeticme, anitmicrobial and anticancers effects.

Dr. Ejaz Basheer
PhD (UOK-Pakistan), RPh
Assistant Professor
Specialization: Extraction & Characterization of Phytochemicals & Bio active compounds of natural origin. Poly herbal/ herbal formulations, standardization of natural products, Bioequivalence of herbal formulation. Regulatory Affairs of Natural Products.



MPhil Pharmacognosy

Semester 1		
PHC-701	Standardization & Quality Control of Natural Products	3(3+0)
PHC-702	Bio Synthesis and Biotechnology (Optional)	3(3+0)
PHC-703	Analytical Techniques in Pharmacognosy	3(3+0)
PHC-704	Research Methodology	3(3+0)
PHC-705	Complementary and Alternative Medicine	3(3+0)
PHP- 601	Seminar General	1
Semester 2		
PHC-706	Phytomedicine & Marine Pharmacognosy	3(3+0)
PHC-707	Industrial Pharmacognosy	3(3+0)
PHC-708	Cosmeceuticals & Phytopharmaceuticals	3(3+0)
PHC-709	Structural Analysis of Natural Origin Products (Optional)	3(3+0)
STA-795	Statistics of Research	3(3+0)
PHP-602	Seminar (Research)	1
Semester 3 & 4		
PHC-730	Thesis	6







Faculty of
Physical Science

Ph: 041-9201552

1. Center of Data Science
2. Department of Applied Chemistry
3. Department of Chemistry
4. Department of Computer Science
5. Department of Geography
6. Department of Information Technology
7. Department of Mathematics
8. Department of Physics
9. Department of Software Engineering
10. Department of Statistics

Center of Data Science

Email: datascience@gcuf.edu.pk
dr_tanvir@gcuf.edu.pk
Phone: 041-9201461



Programs Offered

1. BS Data Science
2. BS Data Analytics

Director: Prof. Dr. Tanvir Ahmad



Vision

To achieve excellence at national and global level by substantially expanding the capacity to execute Data science research and education, industry collaborations, and the availability of state of the art computational tools.

Mission

To provide and facilitate the highest quality data science education, research and industrial collaboration to achieve the national goals.

Introduction

Data science combines statistical methodology, computational science, and a wide range of application domains. Data science job-demand is estimated to rise enormously in the future. Keeping in view the growing importance of data science with every coming day, the university started this program. Our data science program offers strong preparation and training in Computer Science, Statistics, Inference, Machine Learning algorithms, Predictive Analysis, addressing big data challenges, and new technologies.

Laboratories/Facilities:

Foreign highly qualified faculty, Excellent infrastructure with healthy academic and research environment, availability of cutting-edge computational facilities (state-of-the-art computing labs equipped with latest machines and State-of-the-art Data Centre with high-end server machines and routers along with the provision of cloud services, library equipped with a variety of books covering a wide range of classical books as well as the most recent books published with the latest developed techniques, Access to IEEE / ACM etc. journals / proceedings.

Faculty

Prof. Dr. Tanvir Ahmad
Director
PhD in Statistics (IUB), Postdoctoral (UK)
Specialization: Response Surface Methodology, Missing observations, Statistical Modeling

Dr. Muhammad Kashif Hanif
Associate Professor
PhD (Germany)
Specialization: Parallel Computing, Machine Learning

Dr. Muhammad Ali Raza
Associate Professor
PhD (China)
Specialization: Statistical Process Control

Dr. Naveed Anjum
Assistant Professor (OPS)
PhD (SU-China)
Specialization: Applied Mathamatics

Dr. Khurram Zeeshan Haider
Assistant Professor
PhD (Pakistan)
Specialization: Computer Vision, Wireless and Mobile Communication

Dr. Usama Ahmed
Assistant Professor
PhD (Pakistan)
Specialization: Cyber Security, Cloud Computing, Distributed Systems

Dr. Samaira Naz
Assistant Professor (OPS)
PhD (GCUF-Pakistan)
Specialization: PDEs, Cylindrical Shell

Mr. Rao Sohail Iqbal Asif
Lecturer
PhD (scholar)
Specialization: Formal methods, Machine Learning

Ms. Rabia Shahid
Lecturer
MSCS (GCUF-Pakistan)
Specialization: Data Science, Artificial intelligence, Business Intelligence

Ms. Ayesha Khaliq
Lecturer
PhD (scholar)
Specialization: Data Science, Machine Learning, Deep Learning, image processing

Scheme of Studies
BS Data Science

Semester 1		
CCC-301	Programming Fundamentals	4(3-1)
ENG-321	Functional English	3(3-0)
ICT-321	Application of Information and Communication Technologies	3(2-1)
ISL-321	Islamic Studies	2(2-0)
ISL-322	Ethics (Only for Non-Muslim)	2(2-0)
PHY-321	Applied Physics	3(2-1)
QTR-421	Calculus and Analytical Geometry	3(3-0)
*THQ-I	Teaching of The Holy Quran-I	1(1-0)
*MTH-111	Basic Math-I (For Pre-Medical Students only)	3(3-0)
Semester 2		
CCC-302	Object Oriented Programming	4(3-1)
CCC-304	Database Systems	4(3-1)
STA-328	Probability and Statistics	3(3-0)
ENG-322	Expository Writing	3(3-0)
MTH-324	Multivariable Calculus	3(3-0)
PST-321	Pakistan Studies	2(2-0)
**MTH-112	Basic Math-II (For Pre-Medical Students only)	3(3-0)
Semester 3		
CCC-306	Digital Logic Design	3(2-1)
CCC-401	Data Structures	4(3-1)
CCC-403	Information Security	3(2-1)
QTR-422	Discrete Structures	3(3-0)
ENG-422	Technical and Business Writing	3(3-0)
ICP-321	Ideology and Constitution of Pakistan	2(2-0)
BAM-301	Introduction to Management	2(2-0)
*THQ-II	Teaching of Holy Quran-II	1(1-0)
Semester 4		
CCC-402	Computer Organization & Assembly Language	3(2-1)
CCC-405	Artificial Intelligence	3(2-1)
CCC-407	Computer Networks	3(2-1)
CCE-421	Civics and Community Engagement	2(2-0)
MTH-424	Linear Algebra	3(3-0)
BAM-422	Entrepreneurship	2(2-0)
DSC-401	Introduction to Data Scinece	3(2-1)
Semester 5		
CCC-409	Software Engineering	3(3-0)
CCC-501	Operating Systems	3(2-1)
DSC-501	Machine Learning	3(2-1)
DSC-503	Advanced Statistics	3(3-0)
DSC-	DSC Elective-1	3
DSC-	DSC Elective-2	3
*THQ-III	Teaching of The Holy Quran -III	1(1–0)
Semester 6		
DSC-502	Data Mining	3(2-1)
DSC-504	Data Warehousing & Business Intelligence	3 (2-1)
DSC-	DSC Elective-3	3
DSC-	DSC Elective-4	3
DSC-	DSC Elective-5	3
Semester 7		
CCC-601	Analysis of Algorithms	3 (3-0)
DSC-601	Data Visualization	3 (2-1)
DSC-603	Parallel & Distributed Computing	3 (2-1)
DSC-	DSC Elective-6	3
CCC-631	Final Year Project - I	2(0-2)
INT-631	Internship/ Field Experience	3(0-3)
*THQ-IV	Teaching of The Holy Quran -IV	1(1–0)
Semester 8		
CCC-632	Final Year Project - II	4(0-4)
ESC-601	Marketing and social media In Digital World	3(3-0)
DSC-	DSC Elective-7	3
GER-602	Professional Practices	2(2-0)
Elective Courses		
DSC-531	Business Process Analysis	3(3-0)
DSC-532	Statistical Inference in Data Science	3(2-1)
DSC-533	Agent Based Modeling	3(3-0)
DSC-534	Statistical Software for Data Analysis	3(2-1)
DSC-535	Data Science and Official Statistics	3(2-1)
DSC-536	Statistical Methods for Data Science	3(2-1)
DSC-537	Regression Techniques for Data Science	3(2-1)
DSC-538	Big Data Analytics	3(3-0)
DSC-539	Text Mining	3(3-0)
DSC-540	Automated Machine Learning	3(2-1)
DSC-541	Optimization Techniques	3(3-0)
DSC-542	Cloud Computing for Data Science	3(3-0)
DSC-631	Machine Learning Techniques in Response Surfaces	3(2-1)
DSC-632	Reinforcement Learning	3(2-1)
DSC-633	Research Trends in Data Science	3(3-0)

DSC-634	Explainable AI	3(3-0)
DSC-635	Platforms & Architectures for Data Science	3(3-0)
DSC-636	Artificial Neural Networks & Deep Learning	3(2-1)

+ Audit Course
The list of DS Elective courses is not limited to the above courses. It can be expanded as per need. Also, lab hours may be added to elective courses, where labs are not mentioned.
****Note: The Students who have not Studied Mathematics at intermediate level have to pass deficiency courses of mathematics (06 credits) in first two semesters.**

BS Data Analytics

Semester 1		
CCC-301	Programming Fundamentals	4(3-1)
ENG-321	Functional English	3(3-0)
ICT-321	Application of Information and Communication Technologies	3(2-1)
ISL-321/ISL-322	Islamic Studies/ Ethics (Only for Non-Muslim)	2(2-0)
PHY-321	Applied Physics	3(2-1)
QTR-421	Calculus and Analytical Geometry	3(3-0)
*THQ-I	Teaching of The Holy Quran-I	1(1-0)
*MTH-111	Basic Math-I (For Pre-Medical Students only)	3(3-0)
Semester 2		
CCC-302	Object Oriented Programming	4(3-1)
CCC-304	Database Systems	4(3-1)
STA-328	Probability and Statistics	3(3-0)
ENG-322	Expository Writing	3(3-0)
MTH-324	Multivariable Calculus	3(3-0)
PST-321	Pakistan Studies	2(2-0)
**MTH-112	Basic Math-II (For Pre-Medical Students only)	3(3-0)
Semester 3		
CCC-306	Digital Logic Design	3(2-1)
CCC-401	Data Structures	4(3-1)
CCC-403	Information Security	3(2-1)
QTR-422	Discrete Structures	3(3-0)
ENG-422	Technical and Business Writing	3(3-0)
ICP-321	Ideology and Constitution of Pakistan	2(2-0)
BAM-301	Introduction to Management	2(2-0)
*THQ-II	Teaching of The Holy Quran-II	1(1-0)
Semester 4		
CCC-402	Computer Organization & Assembly Language	3(2-1)
CCC-405	Artificial Intelligence	3(2-1)
CCC-407	Computer Networks	3(2-1)
CCE-421	Civics and Community Engagement	2(2-0)
MTH-424	Linear Algebra	3(3-0)
BAM-422	Entrepreneurship	2(2-0)
DSC-401	Introduction to Data Science	3(2-1)
Semester 5		
CCC-409	Software Engineering	3(3-0)
CCC-501	Operating Systems	3(2-1)
DSC-501	Machine Learning	3(2-1)
DSC-503	Advanced Statistics	3(3-0)
DSC-	DSC Elective-1	3
DSC-	DSC Elective-2	3
*THQ-III	Teaching of The Holy Quran -III	1(1–0)
Semester 6		
DSC-502	Data Mining	3(2-1)
DSC-504	Data Warehousing & Business Intelligence	3 (2-1)
DSC-	DSC Elective-3	3
DSC-	DSC Elective-4	3
DSC-	DSC Elective-5	3
Semester 7		
CCC-601	Analysis of Algorithms	3 (3-0)
DSC-601	Data Visualization	3 (2-1)
DSC-603	Parallel & Distributed Computing	3 (2-1)
DSC-	DSC Elective-6	3
CCC-631	Final Year Project - I	2(0-2)
INT-631	Internship/ Field Experience	3(0-3)
*THQ-IV	Teaching of The Holy Quran -IV	1(1–0)
Semester 8		
GEO-304	Fundamentals of GIS (Geographic Information System)	3(2-1)
DAN-601	Professional Practices in Computational Science	3(3-0)
CCC-632	Final Year Project - II	4(0-4)
Elective Courses		
DAN-531	Multivariate Statistical Inference	3 (3-0)
DAN-532	Statistical Computing in Data Analysis	3(2-1)
DAN-533	Response Surfaces for Data Analytics	3(2-1)
DAN-534	Advanced Database Management Systems	3(2-1)
DAN-535	Hypothesis Testing in Data Analytics	3(3-0)
DAN-536	Data Wrangling	3 (3-0)
DAN-537	HCI & Computer Graphics	3(2-1)
DAN-538	Data Analytics and Business Intelligence	3 (3-0)
DAN-539	Modeling and Simulation	3 (3-0)
DAN-630	Multivariate Techniques for Data Analysis	3(3-0)
DAN-631	Dimensional Reduction and Classification Techniques	3(2-1)
DAN-632	Regularization Techniques	3 (3-0)
DAN-633	Advanced Regression Techniques	3(2-1)
DAN-634	Statistical Methods	3(2-1)
DAN-635	Machines learning technique for Data Analytics	3(2-1)
DAN-636	Deep Learning and Artificial Neural Networks	3(2-1)

+ Audit Course
The list of DA Elective courses is not limited to the above courses. It can be expanded as per need. Also, lab hours may be added to elective courses, where labs are not mentioned.
Note: The Students who have not Studied Mathematics at intermediate level have to pass deficiency courses of mathematics (06 credits) in first two semesters.



Department of
Applied Chemistry

Phone: 041-9203040
Email: appchem@gcuf.edu.pk



Programs Offered

1. BS Applied Chemistry
2. MPhil Applied Chemistry
3. PhD Applied Chemistry

Chairperson: Prof. Dr. Muhammad Jawad Saif



Vision

To integrate modern teaching and learning methods in the curriculum to provide training to students in interdisciplinary programmes for the academics and industry.

Mission

To provide a nurturing and conducive environment for imparting skills in basic and applied chemistry. The Department of Applied chemistry is responding to the needs of chemical industries by preparing skilled manpower.

Introduction

Government College University is situated in the center of Faisalabad which is the hub of the textile industry because of its vast industrial network and textile based structure. More than 500 textile units in the city are utilizing chemistry to manufacture value added products according to world standards. In addition to textile sector, Faisalabad is also well known for different industries; such as paints, pigments, dyes, sugar, fertilizer, pharmaceutical, foods, oils and fats, soaps and detergents. Keeping in view the industrial need for highly qualified, skilled, visionary and trained manpower that could meet international standards, the Department of Applied Chemistry was established at the Government College University Faisalabad in 2004 to meet industrial challenges. The faculty of the Department is strolling hard with full devotion and dedication to produce dynamic students of high calibre with clear cut aims and market oriented objectives. The idea behind these activities is to train students as entrepreneurs for creating the opportunity rather than to look for the jobs.

Objectives

• To produce applied chemists who can efficiently manage the working of industries and be able to motivate and adopt new technologies to meet the international standards

• To produce students who are confident of applying the knowledge of chemistry and skills which they ac-quire in understanding the problems of the local industry and the world at large. Thereby making useful contributions towards resolving industry-linked problems.

• To produce chemists who can work as quality control managers (from raw material and intermediate product to final product) in every sector of the industry.

• To provide skill in handling chemicals, managing chemical laboratories and scientific instruments.

Achievements

Department of Applied Chemistry has established working research collaboration with industry such as paints, pigments, dyes, sugar, fertilizer, pharmaceutical, foods, oils and fats, soaps and detergents. All faculty members of Applied Chemistry are working on different projects funded by HEC out of these eight are NRPU research grants. Moreover, our faculty members have also won research grants from international research organizations such as ISF, ISESCO and UNESCO/IUPAC project for green chemistry. The department of Applied Chemistry organizes International conferences, workshops, symposia and hand on trainings for students, staff and faculty members wherein eminent scientists of international fame are often invited for delivering instructions. The Department of Applied Chemistry is not only progressing in research activities but also has suc-

cess stories in Business and won prizes in Business Incubation Centre, other interdepartmental and sports competitions. The Department of Applied Chemistry is also enhancing its activities by launching different short courses and Associate Degree Programs which are designed in collaboration with the Chamber of Commerce and Industries of Faisalabad. The different areas are: Textile Industries

- Natural Product Isolation
- Natural and Synthetic Polymers
- Polymer composite materials
- Paints and Coatings
- Adhesives and Sealants
- Pharmaceuticals and Nutraceuticals
- Natural and Synthetic Rubber
- Dyes and Pigments
- Glass/ceramics
- Oils and Fats Industries

Faculty

Prof. Dr. Muhammad Jawwad Saif
Chairperson/ Professor
PhD (Punjab University, Lahore)

Prof. Dr. Fazal-ur-Rehman
Professor
PhD (University of Agriculture Faisalabad)

Dr. Tahsin Gulzar
Associate Professor
PhD (HEJRIC, University of Karachi)
Post Doc (RWTH Aachen University, Germany)

Dr. Shumaila Kiran
Associate Professor
PhD (University of Agriculture Faisalabad)

Dr. Mirza Nadeem Ahmad
Associate Professor
PhD (Beijing University of Chemical Technology, China)

Dr. Muhammad Naveed Anjum
Associate Professor
PhD (HUST, Wuhan, China)

Dr. Muhammad Ibrahim
Associate Professor
PhD (University of Karachi)

Dr. Tahir Farooq
Associate Professor
PhD (University of Bergen, Norway)

Dr. Shahzad Zafar Iqbal
Associate Professor
PhD (UAF), Post Doctorate (University of Putra, Malaysia)
Visiting Scientist (Rutgers, NJ, USA)

Dr. Shazia Naheed
Associate Professor
PhD (GCUF - Pakistan)

Dr. Shahid Adeel
Associate Professor
PhD (GCUF-Pakistan)

Dr. Shazia Abrar
Assistant Professor
PhD (University of Graz, Austria)

Dr. Sarosh Iqbal
Assistant Professor
PhD (HEJRIC , University of Karachi)

Dr. Aqdas Noreen
Assistant Professor (OPS)
PhD (GCUF - Pakistan)

Dr. Anbreen Anjum
Assistant Professor (OPS)
PhD Scholar (GCUF - Pakistan)

Dr. Kinza Aslam
Assistant Professor (OPS)
PhD Scholar (GCUF - Pakistan)

Scheme of Studies
BS Applied Chemistry

Semester 1		
ACH-301	Fundamentals of Applied Chemistry	4(3–1)
ACH-303	Fundamentals of Inorganic Chemistry	4(3–1)
MTH-321 BOT-303	Algebra and Trigonometry Functional Biology-I	3(3–0)
ENG-321	Functional English	3(3–0)
CSI-321	Introduction to Computing Applications	3(2-1)
ISL-321 Or ISL-322	Islamic Studies Or Ethics (For Non Muslims)	2(2–0)
PST-321	Pakistan Studies	2(2–0)
*THQ-I	Teaching of The Holy Quran–I	1(1–0)
* Non-credit course Students with Pre-medical group in FSc will opt Algebra and Trigonometry while students with Pre-engineering group in FSc will opt Functional Biology-I		
Semester 2		
ACH-302	Fundamentals of Organic Chemistry	4(3–1)
ACH-304	Fundamentals of Physical Chemistry	4(3–1)
GSC-321	The Science of Global Challenges	3(2-1)
ICT-321	Applications of information and communication technologies (ICT)	3(2-1)
	Introduction to literary studies	2(2–0)
PST-321	Ideology and constitution of Pakistan	2(2–0)
Semester 3		
ACH-401	Chemistry and Renewable Energy	3(3-0)
ACH-403	Applied Environmental Chemistry	3(3–0)
GEO-411	Geochemistry	3(3-0)
PHY-322	Fundamentals of Electricity and Magnetism	3(2–1)
ENG-322	Expository Writing	3(3-0)
QTR-421	Quantitative Reasoning-I	3(3-0)
*THQ-II	Teaching of The Holy Quran–II	1(1–0)
Semester 4		
ACH-402	Modern Approaches in Applied Chemistry	4(3–1)
ACH-404	Fundamentals of Analytical Techniques	4(3–1)
CHT-402	Mass Transfer Operations	3(2-1)
QTR-422	Quantitative Reasoning-II	3(3-0)
ENT-422	Entrepreneurship	2(2-0)
CCE-421	Civics and community engagement	2(2-0)
Semester 5		
ACH-501	Applied Inorganic Chemistry-I	4(3–1)
ACH-503	Applied Organic Chemistry-I	4(3–1)
ACH-505	Applied Physical Chemistry-I	4(3–1)
ACH-507	Analytical Techniques and Quality Control	4(3–1)
ACH-509	Chemometrics	2(2–0)

*THQ-III	Teaching of The Holy Quran–III	1(1–0)
Semester 6		
ACH-502	Applied Inorganic Chemistry-II	4(3–1)
ACH-504	Applied Organic Chemistry-II	4(3–1)
ACH-506	Applied Physical Chemistry-II	4(3–1)
ACH-508	Applied Molecular Spectroscopy	3(3–0)
ACH-510	Chemical Process Industries	3(3–0)
Semester 7		
Applied Nutraceuticals and Medicinal Chemistry		
ACH-601	Drug design and discovery	4(3-1)
ACH-603	Applied Bio-organic chemistry	4(3-1)
ACH-605	Introduction to computational chemistry	4(3-1)
ACH-607	Oils, Fats and Waxes	4(3–1)
ACH-609	Pharmaceutical Industry	4(3-1)
ACH-611	Introduction to nutraceuticals	3(3-0)
ACH-613	Medicinal applications of heterocycles	3(3-0)
ACH-615	Food and Allied Industries	3(3–0)
Materials and Textile Chemistry		
ACH-651	Synthetic Polymers	4(3–1)
ACH-653	Physical Chemistry of Polymers	4(3–1)
ACH-655	Colour Chemistry	4(3–1)
ACH-657	Petrochemical Industry	4(3-1)
ACH-659	Inorganic polymers	3(3–0)
ACH-661	Synthetic Fibers	3(3–0)
ACH-663	Polymer rheology and processing	3(3–0)
ACH-665	Inorganic Chemical Industries-I	3(3–0)
ACH-667	Introduction to Composite Materials	3(3–0)
ACH-669	Introduction to Nanomaterials	3(3–0)
ACH-671	Solid State Materials	3(3–0)
Mandatory Requirement		
ACH-691	Research Methods and Scientific Writing	3(3–0)
INT-631	Internship/Field experience	3(0–3)
*THQ-IV	Teaching of The Holy Quran–IV	1(1–0)
The department will offer two courses of 04 credit hours and one course of 03 credit hours from any of the respective field of specialization. * Non-Credit course		
Semester 8		
Applied Nutraceuticals and Medicinal Chemistry		
ACH-602	Green synthesis	3(3-0)
ACH-604	Retrosynthesis of bioactives	3(3-0)
ACH-606	Functional Food	3(3-0)
ACH-608	Biosynthesis of natural products	3(3-0)
Materials and Textile Chemistry		
ACH-652	Modern Applications of Nanomaterials	3(3–0)
ACH-654	Recycling of Materials	3(3–0)
ACH-656	Inorganic Chemical Industries-II	3(3–0)
ACH-658	Chemistry of Textiles Processing	3(3–0)
ACH-660	Functional Textiles	3(3–0)
ACH-662	Natural Polymers	3(3–0)
ACH-664	Smart Polymers	3(3–0)
Mandatory Requirement		
ACH-692	Material characterization techniques	3(3-0)
ACH-694	Seminar	1(0–1)
CAP-630	Capstone Project	3(0-3)
The department will offer three courses of 03 credit hours from any of the respective field of specialization		

Deficiency Courses For Bridging Semester

CSI-321	Introduction to Computing Applications	3(2-1)
MTH-112 OR BOT-303	Basic Mathematics-II (For students not studied Maths in BSc) Functional Biology-I (For students studied Maths in BSc)	3(3–0) 3(3–0)
ACH-304	Applied Environmental Chemistry	3(3–0)
ACH-402	Modern Approaches in Applied Chemistry	4(3-1)
BCH-303	Essential of Biochemistry-I	3(3-0)
ACH-408	General Practicals in Applied Chemistry	1(0-1)

MPhil/PhD Applied Chemistry

Theory Courses		
ACH-701	Instrumental Analysis for Process Industries	3(3–0)
ACH-702	Industrial Water Conditioning and Effluent Treatment	3(3–0)
ACH-703	Corrosion Chemistry	3(3–0)
ACH-704	Green Chemistry	3(3–0)
ACH-705	Industrial Catalysis	3(3–0)
ACH-706	Emulsions and Emulsification	3(3–0)
ACH-707	Paints and Coatings	3(3–0)
ACH-708	Pharmaceutical Chemistry	3(3–0)
ACH-709	Agrochemicals	3(3–0)
ACH-710	Chemistry of Dyes and Pigments	3(3–0)
ACH-711	Chemistry of Essential Oils	3(3–0)
ACH-712	Functional Food and Nutraceuticals	3(3–0)
ACH-713	Industrial Polymers	3(3–0)
ACH-714	Applied Atomic Spectroscopy	3(3–0)
ACH-715	Electrochemical Methods	3(3–0)
ACH-716	Applied Mass Spectrometry	3(3–0)
ACH-718	High Performance Fibers	3(3–0)
ACH-719	Adhesive and Sealants	3(3–0)
ACH-720	Chemistry of Supramolecules	3(3–0)
ACH-721	Chemistry of Nanomaterials	3(3–0)
ACH-722	Chemistry of Elastomeric Materials	3(3–0)
ACH-723	Polymeric Composites	3(3–0)
ACH-724	Biodegradable Polymers	3(3–0)
ACH-725	Chemistry of Pharmaceutical Excipients	3(3–0)
ACH-726	Chemistry of Textile Auxiliaries	3(3–0)
ACH-727	Environmental Issues of Chemical Industries	3(3–0)
ACH-731	Plastics Recycling Industries	3(3–0)
ACH-732	Phase Transfer Catalysis	3(3–0)
ACH-733	Chemistry of Carbohydrate Derivatives	3(3–0)
ACH-734	Chromatographic Methods	3(3–0)
ACH-735	Methods of Thermal Analysis	3(3–0)
ACH-736	Forensic Analysis	3(3–0)
ACH-737	Applied Biophysical Chemistry	3(3–0)
ACH-738	Natural Products Chemistry	3(3–0)
ACH-739	Applied Nuclear Chemistry	3(3–0)
ACH-740	Applied NMR Spectroscopy	3(3–0)
ACH-741	Industrial Retrosynthesis	3(3–0)
ACH-742	Applied Food Safety	3(3–0)
ACH-743	Bionanocomposites	3(3–0)
ACH-744	Chemistry of Cosmetics	3(3–0)
Mandatory Requirements for MPhil		
*STA-795	Statistics for Research	3(2–1)
ACH-728	Seminar (General)	1(0–1)

ACH-729	Seminar (Research)	1(0–1)
ACH-730	Thesis	6(0–6)
Mandatory Requirements for PhD		
*STA-795	Statistics for Research	3(2–1)
ACH-758	Seminar (General)	1(0–1)
ACH-759	Seminar (Research)	1(0–1)
ACH-760	Thesis	

*STA-795 "Statistics For Research" is a compulsory course for the students of MPhil and PhD. PhD. students will study *STA-795 "Statistics For Research" only in case if they have not studied in MPhil.

N.B: Overall 24 teaching credit hours for MPhil are mandatory and Overall 18 teaching credit hours (except STA-795 "Statistics For Research) for PhD program are mandatory. However, the research supervisor of students may recommend additional courses. The department will offer the courses keeping in view the availability of teachers and nature of research to be conducted.









Department of
Chemistry

Phone: 041-9203038
Email: chemistry@gcuf.edu.pk





Programs Offered

1. BS Chemistry
2. MPhil (Analytical Chemistry ,Inorganic Chemistry, Organic Chemistry, Physical Chemistry)
3. PhD Chemistry

Chairman: Prof. Dr. Khalid Mahmood Zia

Vision

To promote quality research in various branches of Chemistry. To promote industrially viable research to strengthen university-industry linkages. To provide students a healthy environment based on curricular and co-curricular activities. To provide well-groomed and highly trained individuals to the society.

Mission

Chemists are the pioneers of modern age. The mission of the Department of Chemistry is to be a benchmark in the "Knowledge Based Study & Value-Added Research". The faculty of the department enthusiastically endorses the slogan of the university "Striving for the excellence". The department aims to stimulate high quality academic and research culture to enrich the society with top class teachers, researchers, entrepreneurs and above all the civilized citizens. The Department of Chemistry is deeply engaged to produce highly qualified and skilled chemists to establish liaison between the academia and industry. We foresee a bright future of our chemists in all areas of life where they deem fit to perform.

Introduction

The modern chemistry boomed and flourished in the era of 20th century. It is renowned markedly as an era of modern chemistry. The significant number of chemists (188) have consecrated with the title of "Nobel laureates" all over the world. Their contribution towards chemistry is deemed as "the greatest benefit to humankind" since 1901 to present.
Now days, chemistry is dominating in each component of our lifestyle. The Department of Chemistry was established in 2002 with the emergence of Government College University Faisalabad. It is located in Sir Syed block at New Campus. A wide and attractive piece of landscape with spacious, ventilated, lecture rooms and theater halls beaming with the natural light. It is glorified with well-equipped general laboratories for all the specializations offered by the department. More than 900 students of undergraduate, postgraduate and doctorate studies are enrolled in the department. The curriculum of all offered degrees is coherent under the guidelines of Higher Education Commission (HEC), Pakistan. New courses are being developed and offered persistently in order to acquaint our students with the recent developments in the subject. The department aims to launch our students to meet the national and international challenges in the field of chemistry. Our graduates are catering the requirements of industry, public and private research sectors. They have been recognized as successful entrepreneurs. The research activities are also flourishing in the department with the large number of ongoing research projects funded by the national and international funding agencies. Faculty of department has won more than 25 competative research projects worth 80 million PKR on their credit.

Faculty

Prof. Dr. Khalid Mahmood Zia
Professor / Chairman
PhD (UAF),BIMS (UQ Australia)
Specialization: Physical Chemistry / Polymer Chemistry/Textile Chemistry/Bionanocomposites

Prof. Dr. Muhammad Kaleem Khan Khosa
Professor/ Incharge, Faculty of Engineering & Technology
PhD (QAU), Post Doc. (Cambridge University UK)
Specialization: Material Chemistry/ Organo Transition Metal Chemistry

Prof. Dr. Abdullah Ijaz Hussain
Professor
PhD (UAF), Post Doc. (University Science Malaysia)
Specialization: Analytical Chemistry/Pharmaceuticals &Nutraceuticals

Prof. Dr. Ameer Fawad Zahoor
Professor (Tenured)
PhD (University of Saarland Germany)
Specialization: Organic Synthesis/ Drug Discovery

Prof. Dr. Nasir Rasool
Professor (Tenured)
PhD (UOR Germany)
Specialization: Synthesis of Natural Products/ Medicinal Chemistry/ Homogeneous Catalysis

Prof. Dr. Syed Ali Raza Naqvi
Professor (Tenured)
PhD (PU)
Specialization: Bio-Analytical/ Nuclear Medicine Chemistry

Prof. Dr. Matloob Ahmad
Professor (Tenured)
PhD (PU)
Specialization: Organic Chemistry/ Synthetic Organic chemistry/ Heterocyclic Compounds

Prof. Dr. Muhammad Asghar Jamal
Professor
PhD (PU)
Specialization: Physical Chemistry/Solution Chemistry

Prof. Dr. Muhammad Zubair
Professor
PhD (HEJ), Post Doc. (UW Canada)
Specialization: Organic Chemistry

Prof. Dr. Muhammad Ramzan Saeed Ashraf Janjua
Professor
PhD (China), Post Doc. (Portugal), MBA (PIMSAT)
Specialization: Physical Chemistry/Computational Chemistry

Prof. Dr. Shahzad Ali Shahid Chatha
Professor
PhD (UAF), Post Doc. (UWO Canada)
Specialization: Analytical Chemistry/Natural Products/ Environmental/Material Chemistry

Prof. Dr. Asim Mansha
Professor (Tenured)
PhD (GUT Austria), Post Doc. (GUT Austria)
Specialization: Physical Chemistry/Computational Chemistry

Prof. Dr. Tanveer Hussain Bokhari
Professor (Tenured)
PhD (GCUL), Post Doc. (BYU USA)
Specialization: Inorganic Chemistry/Radiochemistry

Dr. Zulfiqar Ali Khan
Associate Professor (Tenured)
PhD (Cardiff University UK), Post Doc. (UDEM Canada)
Specialization: Organic Chemistry

Dr. Muhammad Usman
Associate Professor (Tenured)
PhD (QAU)
Specialization: Physical Chemistry

Dr. Majid Muneer
Associate Professor (Tenured)
PhD (UAF), Post Doc (KACST KSA)
Specialization: Physical Chemistry/Radiation Chemistry

Dr. Muhammad Saeed
Associate Professor (Tenured)
PhD (UoP)
Specialization: Physical Chemistry (Heterogeneous Catalysis)

Dr. Atta ul Haq
Associate Professor (Tenured)
PhD (UoP)
Specialization: Analytical Chemistry

Dr. Shazia Tabassum
Associate Professor
PhD (GCUF)
Specialization: Organic Chemistry

Dr. Kulsoom Ghulam Ali
Associate Professor
PhD (GCUF)
Specialization: Inorganic Chemistry

Dr. Kiran Aftab
Associate Professor
PhD (GCUF)
Specialization: Analytical Chemistry

Dr. Saima Rehman
Associate Professor
PhD (UAF)
Specialization: Physical Chemistry

Dr. Samreen Gul Khan
Associate Professor (TTS)
PhD (GCUL)
Specialization: Analytical Chemistry

Dr. Fozia Anjum
Assistant Professor (TTS)
PhD (UAF)
Specialization: Analytical Chemistry

Dr. Nadia Akram
Assistant Professor (TTS)
PhD (QAU)
Specialization: Physical Chemistry (Polymer/composite materials/ Soft matter)

Dr. Tahir Maqbool
Assistant Professor
PhD (IUB)
Specialization: Organic Chemistry

Dr. Bushra Parveen
Assistant Professor
PhD (GCUF)
Specialization: Inorganic Chemistry

Dr. Akber Ali
Assistant Professor (TTS)
PhD (UFSCar Brazil)
Specialization: Synthetic Organic Chemistry

Dr. Zumaira Siddique
Assistant Professor (OPS)
PhD (QAU)
Specialization: Physical Chemistry

Dr. Faiz Ahmed
Assistant Professor (OPS)
PhD (IUB)
Specialization: Organic Chemistry

Dr. Ayesha Malik
Assistant Professor (OPS)
PhD (GCUF)
Specialization: Organic Chemistry

Ms. Javeria Rehman
Lecturer (On study Leave)
M.Phil (GCUL)
Specialization: Analytical Chemistry

Scheme of Studies BS Chemistry

Semester 1		
CHM-301	Principles of Inorganic Chemistry	4(3 - 1)
ENG-321	Functional English	3(3 – 0)
ICT-321	Applications of Information & Communication Technologies	3(3– 0)
MTH321/ BOT-303	Algebra and Trigonometry/ Functional Biology-I	3(3 –0) 3(3 – 0)
ISL-321	Islamic Study/ Ethics	2(2 – 0)
QTR-421	Quantitative Reasoning-I	3(3-0)
*THQ-I	Teaching of The Holy Quran-I	1(1-0)
Students with pre-engineering background will take Functional Biology-I and students with premedical will take Algebra and Trigonometry		
Semester 2		
CHM-302	Principles of Organic Chemistry	4(3 – 1)
ENG-322	Expository Writing	3(3 – 0)
ICP-321	Ideology and Constitution of Pakistan	2(2 – 0)
MTH-322 ZOL-xxx	Introduction to Calculus / Functional Biology-II	3(3 – 0) 3(2 – 1)
CHM-303	Introduction to Nanochemistry	2(2-0)
CCE-421	Civics and Community Engagement	2(2-0)
PST-321	Pakistan Studies	2(2 – 0)
Students with pre-engineering background will take functional Biology-II and students with premedical will take Introduction to Calculus		
Semester 3		
CHM-401	Principles of Physical Chemistry	4(3 - 1)
QTR-422	Quantitative Reasoning-II	3(3-0)
IRS-515	Introduction to International Relations	2(2-0)
CHM-403	Principles of Environmental Chemistry	3(3 – 0)
CHM-405	Cheminformatics and Chemometrics	3(3-0)
PHY-322	Fundamentals of Electricity and Magnetism	3(2 – 1)
*THQ-II	Teaching of The Holy Quran-II	1(1–0)
Semester 4		
CHM-402	Principles of Analytical Chemistry	4(3 – 1)
GSC-321	The Science of Global Challenges	3(2-1)
BCH-303	Essentials of Biochemistry-I	3(3-0)
CHM-404	Principles of Industrial Chemistry	3(3 – 0)
CHM-406	Principles of Green Chemistry	3(3-0)
ENT-422	Entrepreneurship	2(2-0)
Semester 5		
CHM-501	Inorganic Chemistry - I	4(3 – 1)
CHM-503	Organic Chemistry - I	4(3 – 1)
CHM-505	Physical Chemistry - I	4(3 – 1)
CHM-507	Analytical Chemistry - I	4(3 – 1)
*THQ-III	Teaching of Holy Quran-III	1(1-0)
Semester 6		
CHM-502	Inorganic Chemistry - II	4(3 – 1)
CHM-504	Organic Chemistry - II	4(3 – 1)
CHM-506	Physical Chemistry - II	4(3 – 1)
CHM-508	Analytical Chemistry - II	4(3 – 1)
Semester 7		
Specialization in Analytical Chemistry		
INT-631	Internship/ Field Experience	3(0–3)
CHM-601	Electroanalytical Techniques	4(3–1)
CHM-603	Advanced Separation Techniques	4(3–1)
CHM-605	Advanced Atomic Spectroscopy	4(3–1)
*THQ-IV	Teaching of The Holy Quran - IV	1(1 – 0)
Specialization in Inorganic Chemistry		
INT-631	Internship/ Field Experience	3(0–3)
CHM-611	Main Group Organometallic and Organic Reagents	4(3–1)
CHM-613	Spectroscopic Methods in Inorganic Chemistry	4(3–1)
CHM-615	Organo-Transition Metal Compounds	4(3–1)
*THQ-IV	Teaching of Holy Quran-IV	1(1 – 0)
Specialization in Organic Chemistry		
INT-631	Internship/ Field Experience	3(0–3)
CHM-621	Spectroscopic Methods in Organic Chemistry	4(3–1)
CHM-623	Rearrangements and Pericyclic Reactions	4(3–1)
CHM-625	Pharmaceutical Chemistry	4(3–1)
*THQ-IV	Teaching of Holy Quran-IV	1(1 – 0)
Specialization in Physical Chemistry		
INT-631	Internship/ Field Experience	3(0–3)
CHM-631	Advanced Reactions Kinetics	4(3–1)
CHM-633	Advanced Spectroscopy in Physical Chemistry	4(3–1)
CHM-635	Material Chemistry	4(3–1)
*THQ-IV	Teaching of The Holy Quran-IV	1(1 – 0)
Semester 8		
Specialization in Analytical Chemistry		
CHM-602	Thermal Methods of Analysis	3(3 – 0)
CHM-604	Nuclear Analytical Techniques	3(3 – 0)
CHM-606	Food and Drug Analysis	3(3 – 0)
CHM-608	Molecular Spectroscopy	3(3 – 0)
CHM-610	Advanced Analytical Chemistry Lab	2(0 – 2)
CAP-630	Capstone Project	3(0-3)
Specialization in Inorganic Chemistry		
CHM-612	X-ray Spectroscopy	3(3 – 0)
CHM-614	Homogeneous Catalysis	3(3 – 0)
CHM-616	Radioactivity and Nuclear Chemistry	3(3 – 0)
CHM-618	Magneto Chemistry	3(3 – 0)
CHM-620	Advanced Inorganic Chemistry Lab	2(0 – 2)
CAP-630	Capstone Project	3(0-3)
Specialization in Organic Chemistry		
CHM-622	Organic Polymers	3(3 – 0)
CHM-624	Reactive Intermediates and Photochemistry	3(3 – 0)
CHM-626	Disconnection Approach	3(3 – 0)
CHM-628	Organic Catalyst and Protective Group	3(3 – 0)
CHM-632	Advanced Organic Chemistry Lab	2(0 – 2)
CAP -630	Capstone Project	3(0-3)
Specialization in Physical Chemistry		
CHM-634	Group Theory and Solution Chemistry	3(3 – 0)
CHM-636	Statistical and Quantum Mechanics	3(3 – 0)
CHM-638	Nuclear and Radiation Chemistry	3(3 – 0)
CHM-640	Electrochemical Aspects of Solutions	3(3 – 0)

CHM-642	Advanced Physical Chemistry Lab	2(0 – 2)
CAP -630	Capstone Project	3(0-3)

Defeciency Courses For Bridging Semester

CHM-421	Basic Analytical Chemistry	3(2 – 1)
*MTH-321 BOT-303	Algebra and Trigonometry **OR** Functional Biology-I	3(3 – 0)
CHM-406	Industrial Chemistry	3(3 – 0)
CHM-403	Basic Environmental Chemistry	3(3-0)
CSI-422	Computer Applications and Web-II	3(3 – 0)
BCH-303	Essentials of Biochemistry-I	3(3-0)

*Students with botany and zoology combination will take Algebra and Trigonometry and students with combination of Physics and Mathematics will take functional Biology

MPhil / PhD Chemistry

Inorganic Chemistry		
CHM-701	Solid State Chemistry	3(3 – 0)
CHM-702	Photochemical Reactions of Transition Metals	3(3 – 0)
CHM-703	Applied Transition Metal Catalytic Chemistry	3(3 – 0)
CHM-704	Chemistry of Organometallic Compounds	3(3 – 0)
CHM-705	Inorganic Electronic Spectroscopy	3(3 – 0)
CHM-706	Kinetics and Mechanism of Inorganic Reactions	3(3 – 0)
CHM-707	Bio-Inorganic Chemistry	3(3 – 0)
CHM-708	Advanced Nano Chemistry	3(3 – 0)
CHM-709	Applied Spectroscopy	3(3 – 0)
CHM-710	Extractive Metallurgy	3(3 – 0)
CHM-711	Metal Based Drugs	3(3 – 0)
CHM-712	Medicinal Inorganic Chemistry	3(3 – 0)
CHM-713	Advanced Thermal Analysis	3(3 – 0)
CHM-714	Metal Complexes in Cancer Chemotherapy	3(3 – 0)
CHM-715	Inorganic Cage Compounds	3(3 – 0)
CHM-716	Inorganic Polymers	3(3 – 0)
CHM-717	Radiochemistry	3(3 – 0)
CHM-718	Chemistry of Advanced Materials	3(3 – 0)
CHM-719	Diffraction Method of Anlysis	3(3 – 0)
CHM-720	Advanced Atmosparic Chemistry	3(3 – 0)
CHM-721	Modren Surface Catalysis & Kinetic	3(3 – 0)
Analytical Chemistry		
CHM-731	Advanced Research Methodology	3(3 – 0)
CHM-732	Advanced Gas Chromatography	3(3 – 0)
CHM-733	Advanced Liquid Chromatography	3(3 – 0)
CHM-734	Smart Structures: Analysis and Design	3(3 – 0)
CHM-735	Mass Spectrometric Analysis	3(3 – 0)
CHM-736	Advanced Emission Spectroscopy	3(3 – 0)
CHM-737	Laser and Luminescence Spectroscopy	3(3 – 0)
CHM-738	Analytical Aspects of NMR Spectroscopy	3(3 – 0)
CHM-739	Radiopharmaceutical Analysis	3(3 – 0)
CHM-740	Radio-Analytical Methods of Analysis	3(3 – 0)
CHM-741	Modern Extraction Techniques	3(3 – 0)
CHM-742	Surfaces and Thin film Analysis	3(3 – 0)
CHM-743	Modern Analysis for Process Industries	3(3 – 0)
CHM-744	Techniques for Polymer Analysis	3(3 – 0)
CHM-745	Environmental Impact of Chemical Industries	3(3 – 0)
CHM-746	X-Rays Methods of Analysis	3(3 – 0)
CHM-747	Advanced Electrochemical Techniques	3(3 – 0)
CHM-748	Advanced Electrophoretic Techniques	3(3 – 0)
CHM-749	Forensic Chemistry	3(3 – 0)
CHM-750	Automated Methods of Analysis	3(3 – 0)
Organic Chemistry		
CHM-751	Modern Trends in Organic Synthesis	3(3 – 0)
CHM-752	Advanced Stereochemistry	3(3 – 0)
CHM-753	Physico-organic Chemistry and Reaction Mechanism	3(3 – 0)
CHM-754	Advanced Heterocycles-I	3(3 – 0)
CHM-755	Chemistry of Glycosides	3(3 – 0)
CHM-756	Biosynthesis of Natural Products	3(3 – 0)
CHM-757	Advanced Nuclear Magnetic Resonance	3(3 – 0)
CHM-761	Protective Groups in Organic Synthesis	3(3 – 0)
CHM-762	Advanced Heterocycles -II	3(3 – 0)
CHM-763	Advanced Molecular Rearrangements	3(3 – 0)
CHM-764	Chemistry of Nitrogenous Compounds	3(3 – 0)
CHM-765	Advanced Mass Spectrometry	3(3 – 0)
CHM-766	Supramolecular Chemistry	3(3 – 0)
CHM-767	Chemistry of Drugs	3(3 – 0)
CHM-768	Chelated Enolates in Organic Synthesis	3(3 – 0)
CHM-769	Cross Coupling Reactions	3(3 – 0)
CHM-770	Multi-component Reactions	3(3 – 0)
CHM-771	Green Synthesis	3(3 – 0)
CHM-772	Symmetry Controlled Reactions	3(3 – 0)
CHM-773	Classics in Total Synthesis	3(3 – 0)
CHM-774	Advanced Techniques for Polymerization	3(3 – 0)
Physical Chemistry		
CHM-776	Nanostructures and Nanomaterials	3(3 – 0)
CHM-777	Advanced Functional Materials	3(3 – 0)
CHM-778	Renewable Resources - Chemistry and Technology	3(3 – 0)
CHM-779	Photovoltaic Materials and Solar Cells	3(3 – 0)
CHM-780	Polymer Mechanochemistry	3(3 – 0)
CHM-781	Physical Chemistry of High Polymers	3(3 – 0)
CHM-782	Complex Extension of Quantum Chemistry	3(3 – 0)
CHM-783	Electrode Processes	3(3 – 0)
CHM-784	Magnetic Spin Dynamics	3(3 – 0)
CHM-785	Principles of Molecular Spectroscopy	3(3 – 0)
CHM-786	Photochemistry	3(3 – 0)
CHM-787	Solution Chemistry	3(3 – 0)
CHM-788	Colloids and Surfactants	3(3 – 0)
CHM-789	Theoretical and Computational Chemistry	3(3 – 0)
CHM-790	Advanced Composite Materials	3(3 – 0)
CHM-791	Heterogeneous Catalysis	3(3 – 0)
CHM-792	Modern Aspects of Chemical Kinetics	3(3 – 0)
CHM-793	Environmental Chemistry and Energy Conversions	3(3 – 0)
CHM-794	Surface Chemistry	3(3 – 0)
CHM-795	Solid State and Semiconductors	3(3 – 0)
CHM-796	Thermodynamics and Statistical Mechanics	3(3 – 0)
CHM-797	Environmental Applications of High Energy Radiations	3(3 – 0)
CHM-798	Instrumental Physical Chemistry	3(3 – 0)
CHM-799	Modern Trends in Symmetry and Group Theory	3(3 – 0)
Mandatory Requirements for MPhil		
STA-795	Statistics for Research	3(2-1)
CHM-728	Seminar (General)	1(0 –1)
CHM-729	Seminar (Research)	1(0 –1)

CHM-730	Thesis	6(0 –6)
Mandatory Requirements for PhD		
*STA-795	Statistics for Research	3(2-1)
CHM-758	Seminar (General)	1(0 –1)
CHM-759	Seminar (Research)	1(0 –1)
CHM-760	Thesis	

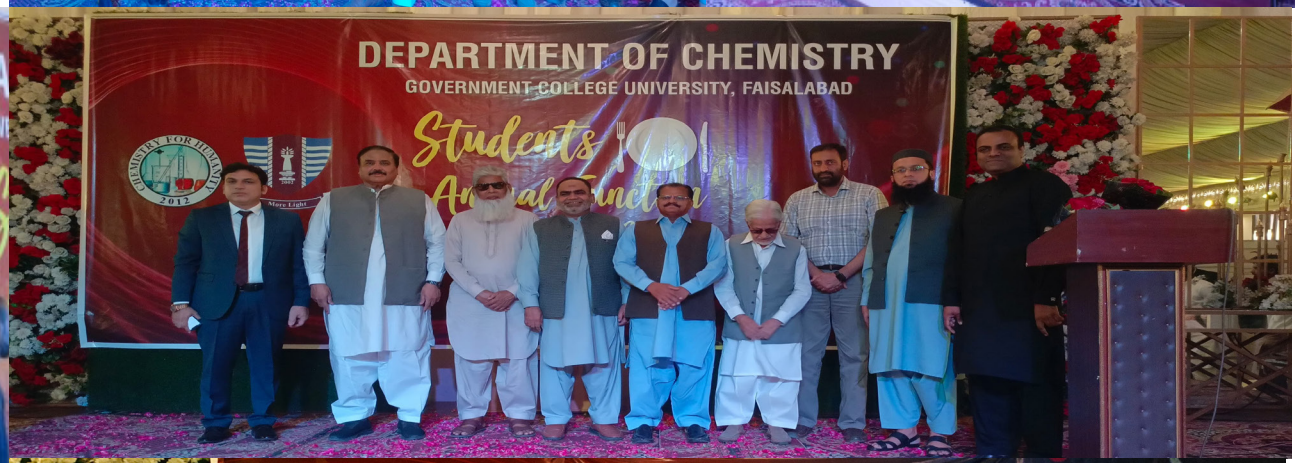
*Ph.D students who have not studied the course “Statistics for Research” in M.Phil will have to take this course as audit course as mandatory requirement.

+Audit Course





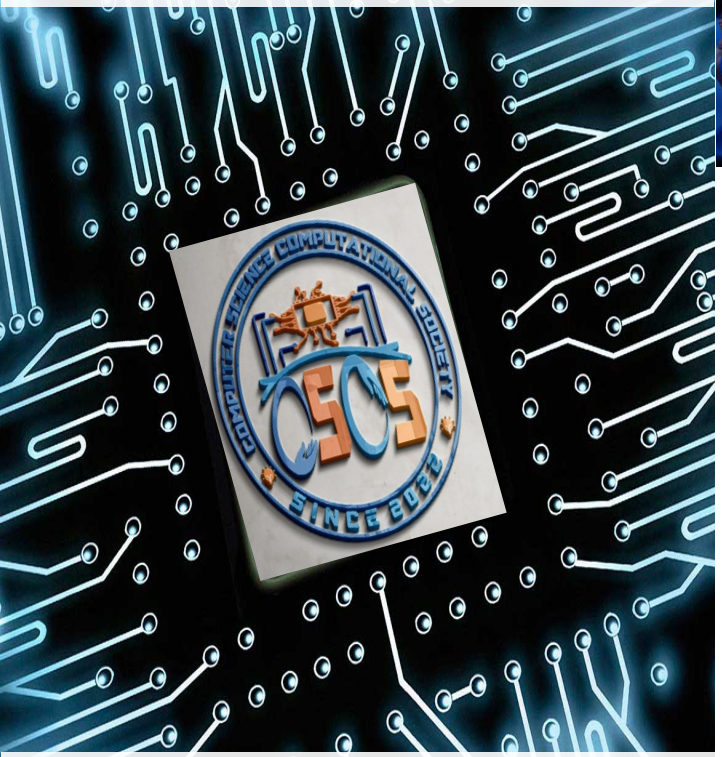






Department of Computer Science

Phone: 041-9201452
Email: cs@gcuf.edu.pk



Programs Offered

1. BS Computer Science
2. BS Bridging Computer Science (2 Year Program)
3. MS Computer Science
4. PhD Computer Science

Chairman: Dr. Muhammad Kashif Hanif



Vision

To ensure that the students take maximum advantage of the modern computer sciences to solve a wide range of complex scientific, technological and social problems.

Mission

To provide exemplary education and training to our students in the field of computer so that they productively contribute to academia and industry.

Introduction

The Department of Computer Science is one of the most prominent and oldest centers of computer education in Faisalabad city and was established as a separate department by offering ICS program in 1999. The progress journey of the department continued, and it offered BS (CS) program in 2001 and MCS program in 2004.

The department provides excellent computing facilities and ensures the enhancement of practical knowledge of students by facilitating them to learning. The Computer Science Department provides a comprehensive range of facilities necessary for computer use and a library of programs and packages for solving scientific, engineering, commercial and social problems.

Laboratories

The department is equipped with three state of the art computer labs with the latest Pentium machines. These laboratories which are accessible to all students and teachers of Computer Science Department are linked through the state of the art network environment for retrieving information.

The following laboratories have been set up:

- Database Design Lab
- Software Development Lab

A team of excellent and dedicated developers works untiringly hard to develop, design and update wide range of software that meets the university requirements in addition to the market demands as well.

Faculty

Dr. Muhammad Kashif Hanif
Associate Professor / Chairman
PhD (TUHH- Germany)
Specialization: GPU Computing, Machine Leaning

Prof. Dr. Muhammad Ramzan Talib
Professor
PhD (Uni-Bayreuth - Germany)
Specialization: Databases and Information Systems

Dr. Muhammad Umer Sarwar
Assistant Professor
PhD(GCUF-Pakistan)
Specialization: Databases, Information Security

Dr. Sami Ullah
Assistant Professor
PhD (GCUF-Pakistan)
Specialization: Networks, Web Programming

Dr. Muhammad Murad
Assistant Professor
PhD (UTM-Malaysia)
Specialization: Block Chain Technology

Dr. Uzma Jamil
Assistant Professor
PhD (BUI-Pakistan)
Specialization: Machine Learning

Dr. Bushra Zafar
Assistant Professor
PhD (NTU-Pakistan)
Specialization: Computer Vision, Image Classification

Dr. Muhammad Irfan Khan
Assistant Professor (OPS)
PhD (GCUF-Pakistan)
Specialization: Computer Graphics, Data Structure

Dr. Adeel Zahid
Assistant Professor (OPS)
PhD (LUMS-Pakistan)
Specialization: Visual Programming, Discrete Structure

Mr. Sh. Muhammad Aamir
Lecturer
PhD Scholar
Specialization: Programming, Computer Network

Mr. Nafees Ayub
Lecturer
PhD Scholar
Specialization: Programming, Computer Network

Mr. Sohail Iqbal
Lecturer
PhD Scholar
Specialization: Algorithms, Computer Graphics

Mr. Khurram Shahzad
Lecturer
MS(CS)
Specialization: Natural Language Processing

Ms. Asma Sajid
Lecturer (On Study Leave)
PhD Scholar
Specialization: Software Engineering

Mr. Zia Qamar
Lecturer
MS (CE)
Specialization: Computer Engineering

Mr. Muhammad Usman
Lecturer
PhD Scholar
Specialization: Machine Learning, Deep Learning

Ms. Arbab Kanwal
Lecturer
MS (CS)
Specialization: Software Engineering

Ms. Maleeha Chaudary
Lecturer
PhD Scholar
Specialization: Software Engineering

Mr. Muhammad Aater javed
Lab Engineer, MS (CS)
Specialization: Networking

Scheme of Studies
BS Computer Science

Semester 1		
CCC-301	Programming Fundamentals	4(3-1)
CGE-301	Application of Information and Communication Technologies	3(2-1)
ENG-321	Functional English	3(3-0)
MTH-323	Calculus and Analytic Geometry	3(3-0)
PHY-321	Applied Physics	3(2-1)
ISL-321	Islamic Studies	2(2-0)
ISL-322	Ethics (for non-Muslims only)	2(2-0)
*THQ-I	Teaching of The Holy Quran-I	1(1-0)
**MTH-111	Basic Math-I (For Pre-Medical Students only)	3(3-0)
Semester 2		
CCC-302	Object Oriented Programming	4(3-1)
CCC-304	Database Systems	4(3-1)
CCC-306	Digital Logic Design	3(2-1)
ENG-322	Expository Writing	3(3-0)
MTH-324	Multivariable Calculus	3(3-0)
PST-321	Pakistan Studies	2(2-0)
**MTH-112	Basic Math-II (For Pre-Medical Students only)	3(3-0)
Semester 3		
CCC-401	Data Structures	4(3-1)
CCC-407	Computer Networks	3(2-1)
CSI-403	Discrete Structures	3(3-0)
STA-328	Probability and Statistics	3(3-0)
ICP-321	Ideology and Constitution of Pakistan	2(2-0)
BAM-601	Entrepreneurship	2(2-0)
*THQ-II	Teaching of The Holy Quran-II	1(1-0)
Semester 4		
CCC-402	Computer Organization and Assembly Language	3(2-1)
CCC-404	Information Security	3(2-1)
CCC-408	Software Engineering	3(3-0)
MTH-424	Linear Algebra	3(3-0)
ENG-422	Technical and Business Writing	3(3-0)
BAM-301	Introduction to Management	2(2-0)
GER-604	Civics and Community Engagement	2(2-0)
Semester 5		
CCC-501	Operating Systems	3(2-1)
CCC-507	Analysis of Algorithms	3(3-0)
CSI-417	Advance Database Management Systems	3(2-1)
CSI-503	Theory of Automata	3(3-0)
CSI-513	Mobile Application Development	3(2-1)
CSI-517	Advanced Programming	3(2-1)
*THQ-III	Teaching of The Holy Quran-III	1(1-0)
Semester 6		
CCC-502	Artificial Intelligence	3(2-1)
CSI-504	Parallel and Distributed Computing	3(2-1)
CSI-506	Computer Architecture	3(2-1)
CSI-508	Compiler Construction	3(2-1)
CSI-512	Web Engineering	3(2-1)
CSI-516	Software Testing	3(3-0)
Semester 7		

CSI-603	Introduction to Data Science	3(2-1)
CSI-607	Entrepreneurship	3(2-1)
CSI-609	HCI and Computer Graphics	3(2-1)
CSI-611	Translation of The Holy Quran-IV	3(2-1)
CCC-631	Technical Writing	2(0-2)
CSI-633	Principles of Marketing	3(0-3)
*THQ-IV	Teaching of The Holy Quran-IV	1(1-0)
Semester 8		
CSI-606	Professional Practices	2(2-0)
CCC-632	Final Year Project - II	4(0-4)
ESC-614	Marketing and Social Media in Digital World	3(3-0)

* Non-Credit Course
** Deficiency Course (Non-Credit) for students who have not studied Mathematics at HSSC.

ADP Computer Science

Semester 1		
CCC-301	Programming Fundamentals	4(3-1)
CGE-301	Application of Information and Communication Technologies	3(2-1)
ENG-321	Functional English	3(3-0)
MTH-323	Calculus and Analytic Geometry	3(3-0)
PHY-321	Applied Physics	3(2-1)
ISL-321	Islamic Studies	2(2-0)
ISL-322	Ethics (for non-Muslims only)	2(2-0)
*THQ-I	Teaching of Holy Quran-I	1(1-0)
**MTH-111	Basic Math-I (For Pre-Medical Students only)	3(3-0)
Semester 2		
CCC-302	Object Oriented Programming	4(3-1)
CCC-304	Database Systems	4(3-1)
CCC-306	Digital Logic Design	3(2-1)
ENG-322	Expository Writing	3(3-0)
MTH-324	Multivariable Calculus	3(3-0)
PST-321	Pakistan Studies	2(2-0)
**MTH-112	Basic Math-II (For Pre-Medical Students only)	3(3-0)
Semester 3		
CCC-401	Data Structures	4(3-1)
CCC-407	Computer Networks	3(2-1)
CSI-403	Discrete Structures	3(3-0)
STA-328	Probability and Statistics	3(3-0)
ICP-321	Ideology and Constitution of Pakistan	2(2-0)
BAM-601	Entrepreneurship	2(2-0)
*THQ-II	Teaching of Holy Quran-II	1(1-0)
Semester 4		
CCC-402	Computer Organization and Assembly Language	3(2-1)
CCC-404	Information Security	3(2-1)
CCC-408	Software Engineering	3(3-0)
MTH-424	Linear Algebra	3(3-0)
ENG-422	Technical and Business Writing	3(3-0)
BAM-301	Introduction to Management	2(2-0)
GER-604	Civics and Community Engagement	2(2-0)
***CSI-430	Project	3(0-3)

* Non-Credit Course
** Deficiency Course
*** Only offered to those students who want to obtain the ADP Computer Science Degree.

BS 5th Bridging Program

Deficiency Semester		
CCC-301	Programming Fundamentals	4(3-1)
CCC-304	Database Systems	4(3-1)
CCC-306	Digital Logic Design	3(2-1)
CCC-402	Computer Organization and Assembly Language	3(2-1)
CCC-407	Computer Networks	3(2-1)

Note: Only for Non-Computing 14-Years Bachelor Degree i.e. ADS, ADC, ADA, B.Sc., BA, or any 14 years equivalent bachelor degree program.

Semester 1		
CCC-501	Operating Systems	3(2-1)
CCC-507	Analysis of Algorithms	3(3-0)
CSI-417	Advance Database Management Systems	3(2-1)
CSI-503	Theory of Automata	3(3-0)
CSI-513	Mobile Application Development	3(2-1)
CSI-517	Advanced Programming	3(2-1)
CCC-408	Software Engineering	3(3-0)
*THQ-III	Teaching of Holy Quran-III	1(1-0)
Semester 2		
CCC-502	Artificial Intelligence	3(2-1)
CSI-504	Parallel and Distributed Computing	3(2-1)
CSI-506	Computer Architecture	3(2-1)
CSI-508	Compiler Construction	3(2-1)
CSI-512	Web Engineering	3(2-1)
CSI-516	Software Testing	3(3-0)
CSI-508	Fundamental of Data Mining	3(3-0)
Semester 3		
CSI-603	Introduction to Data Science	3(2-1)
CSI-607	Digital Image Processing	3(2-1)
CSI-609	Cloud Computing	3(2-1)
CSI-611	HCI and Computer Graphics	3(2-1)
CCC-631	Final Year Project - I	2(0-2)
CSI-633	Internship	3(0-3)
CSI-519	Software Project Management	3(3-0)
*THQ-IV	Teaching of Holy Quran-IV	1(1-0)
Semester 4		
CSI-606	Professional Practices	2(2-0)
CCC-632	Final Year Project - II	4(0-4)
ESC-614	Marketing and Social Media in Digital World	3(3-0)
CSI-616	Natural Language Processing	3(3-0)
CSI-410	Wireless Communication	3(3-0)
CSI-622	Distributed Database Systems	3(2-1)

* Non-Credit Course
** Deficiency Course

MS /PhD Computer Science

Core Courses for MS		
CSI – 701	Advanced Analysis of Algorithms	3(3-0)

CSI – 702	Advanced Operating Systems	3(3-0)
CSI – 703	Theory of Programming Languages	3(3-0)
CSI – 704	Theory of Automata-II	3(3-0)
CSI – 705	Advanced Computer Architecture	3(3-0)
Core Courses for PHD		
CSI – 706	Research Methods and Data Analysis	3(3-0)
CSI – 747	Research Trends in Computer Science	3(3-0)
List of Elective Courses for MS and PhD		
CSI-710	Advanced Topics in Computer Networks	3(3-0)
CSI-711	Advanced Topics in Distributed Computing	3(3-0)
CSI-712	Special Topics in Intelligent Systems	3(3-0)
CSI-713	Special Topics in Web Services	3(3-0)
CSI-714	Research Trends in Web Services	3(3-0)
CSI-715	Research Trends in Data Grid	3(3-0)
CSI-716	Advanced Topics in Software Engineering	3(3-0)
CSI-717	Advanced Topics in Computer Science	3(3-0)
CSI-718	Advanced Data Analysis	3(3-0)
CSI-719	Advanced Topics in Information Technology	3(3-0)
CSI-720	Special Topics in Modeling and Simulation	3(3-0)
CSI-721	Research Trends in Data Mining	3(3-0)
CSI-722	Research Trends in Data Warehouse	3(3-0)
CSI-723	Research Trends in Distributed Database	3(3-0)
CSI-724	Research Trends in Semantic Web	3(3-0)
CSI-725	Research Trends in Business Process Management	3(3-0)
CSI-726	Research Trends in Workflow Resource Management	3(3-0)
CSI-731	Research Trends in Data Provenance	3(3-0)
CSI-732	Advanced topics in Parallel Computing	3(3-0)
CSI-733	Special Topics in Machine Learning	3(3-0)
CSI-734	Advanced Topics in Semantic web	3(3-0)
CSI-735	Advanced topics in Big Data Analysis	3(3-0)
CSI-737	Special Topics in Text Mining	3(3-0)
CSI-738	Advanced Computer Vision	3(3-0)
CSI-739	Research Trends in Big Data Analytics	3(3-0)
CSI-740	Research Trends in Bioinformatics	3(3-0)
CSI-741	Advanced Topics in Cloud Computing	3(3-0)
CSI-742	Advanced Topics in Data Visualization	3(3-0)
CSI-743	Advanced Topics in Deep Learning	3(3-0)
CSI-744	High Performance Computing	3(3-0)
CSI-745	Advanced Topics in Natural Language Processing	3(3-0)
CSI-746	Time Series Analysis and Prediction	3(3-0)
CSI-748	Research Trends in Cryptography	3(3-0)
CSI-749	Advanced Topics in Computer Security	3(3-0)
CSI-750	Special Topics in Computer Forensics	3(3-0)
CSI-751	Research Trends in Cloud Computing Security	3(3-0)
CSI-752	Artificial Intelligence Prompt Engineering	3(3-0)
CSI-753	Advanced Topics in Artificial Intelligence	3(3-0)
More courses can be offered with the availability of faculty member.		
Other Mandatory Requirements for MS		
CSI-728	Seminar (General)	1(0–1)
CSI-729	Seminar (Research)	1(0–1)
CSI-730	Research and Thesis	6(0–6)
STA-795	Statistics for Research	3(2-1)
Other Mandatory Requirements for PhD		
CSI-758	Seminar (General)	1(0–1)
CSI-759	Seminar (Research)	1(0–1)
CSI-760	Research and Thesis	X(0–X)*
STA-795	Statistics for Research	3(2-1)
*More courses can be included with the availability of faculty.		





Department of Geography

Phone: 041-9203029
Email: geography@gcuf.edu.pk



Programs Offered

1. BS Geography
2. BS Remote Sensing and GIS
3. MPhil Geography
4. MPhil Geography (GIS)
5. PhD Geography

Incharge: Dr. Kashif Mahmood



Vision

We are committed to transform our discipline to applied realms in all our degree programs through introducing advanced courses and technology, besides strengthening our theoretical understanding of geographical processes and human-nature interactions.

Mission

To achieve excellence in spatial sciences through making significant contributions in society by 1) Providing educators with effective and relevant professional development, support and materials, focusing on geographic concepts contents and pedagogy. 2) Applying geographic science to societal and environmental issues in state, the nation and global community. 3). By training students to solve spatial problem by using geo-spatial techniques.

Introduction

The Department of Geography is focusing on its two distinct domains: Human Geography and Physical Geography. Geographic Information System, Remote Sensing, Digital Cartography and Spatial Analysis are the advanced technological sides of the discipline. Besides understanding the physical earth processes, we also focus on social issues in a spatial framework, which makes it unique from other social sciences.

Faculty

Dr. Kashif Mahmood
Assistant Professor / Incharge
Ph.D (University of Orleans, France)
Specialization: Urban Transition, Housing, Fertility Transition

Dr. Fazl ul Haq
Assistant Professor (On Study Leave)
PhD (University of Peshawar), M.Phil (University of Peshawar)
Specialization: Mountains Geography; Disaster Management.

Dr. Liaqat Ali Waseem
Assistant Professor (TTS)
Ph.D University of Salzburg Austria.
Specialization: Urban & Landscape Ecology, Peri- Urban Agriculture

Dr. Syed Ali Asad Naqvi
Assistant Professor (TTS)
Ph.D (University of Karachi, Pakistan)
Specialization: Medical Geography: Environmental Geography

Dr. Shoaib Khalid
Assistant Professor
Ph.D Nanjing University , China
Specialization: Geography of Crime , GIS

Dr. Zain Nawaz
Assistant Professor
Ph.D Chinese Academy of Sciences, China
Specialization: Cartography, Agricultural Studies , GIS

Dr. Nusrat Parveen
Assistant Professor
Ph.D (PU-Pakistan)
Specialization: Environmental Geography

Ms. Mahpara Iram
Lecturer
M.Phil (GCUF)
Specialization: Geography.

Ms. Mubshra Mohsin
Lecturer
M.Phil (GCUF)
Specialization: Geography

Ms. Hafiza Huma Haider
Lecturer
M.Phil (IUB-Pakistan)
Specialization: Urban Transition , Housing , Urban Sprawl

Ms. Fareeha Zameer
Lecturer
M.Phil (GCUF)
Specialization: Human Geography

Ms. Mariam Kareem
Research Officer
M.Phil (GCUF).
Specialization: GIS, Globalization, Spatial Data Analysis

Scheme of Studies
BS Geography

Semester 1		
GEO-301	Fundamentals of Geography	4(4-0)
GEO-303	Map Reading skills	3(2-1)
IRS-301	Introduction to International Relations	3(3-0)
POL-301	Introduction to Political Science	3(3-0)
ENG-321	Functional English	3(3-0)
ISL-321	Islamic Studies / Ethics (for Non-Muslims)	2(2-0)
THQ-I*	Teaching of Holy Quran-1	1(1-0)
Semester 2		
GEO-302	Region and Regional Concepts	3(3-0)
GSC-321	The Science of Global Challenges	3(2-1)
ENG-322	Expository Writing	3(3-0)
PST-321	Ideology and Constitution of Pakistan	2(2-0)
ENG-303	Introduction to literary studies	2(2-0)
CSI-321	Applications of Information and Communication Technologies	3(2-1)
PST-321	Pakistan Studies	2(2-0)
Semester 3		
GEO-401	Introduction to Geostatistics	3(2-1)
GEO-403	Surveying and Levelling	3(2-1)
GEO-405	Fundamentals of GIS	3(2-1)
QTR-421	Quantitative Reasoning-I	3(3-0)
STA-321	Introduction to Statistical Theory	3(3-0)
ACH-411	Applied Chemistry for Geography	3(3-0)
THQ-II*	Teaching of The Holy Quran-II	1(1-0)
Semester 4		
GEO-402	Human Geography	4(4-0)
GEO-404	Global Positioning Systems	3(2-1)
GEO-406	Physical Geography	4(4-0)
ENT-422	Entrepreneurship	2(0-2)
CCE-421	Civic and Community Engagement	2(2-0)
QTR-422	Quantitative Reasoning-II	3(3-0)
Semester 5		
GEO-501	Geomorphology	3(3-0)
GEO-503	Climatology	3(3-0)
GEO-505	Economic Geography	3(3-0)
GEO-507	Geographic Thoughts and Modern Concepts	3(3-0)
GEO-509	Remote Sensing	3(2-1)
THQ-III*	Teaching of Holy Quran-III	1(1-0)
Semester 6		
GEO-502	Research Methodology	3(3-0)
GEO-504	Geographic Information Science	3(2-1)
GIS-504	Spatial Data Analysis	3(2-1)
GEO-508	Geography of Pakistan	3(3-0)
GEO-510	Cartography	3(2-1)
GEO-512	Climate Change Studies	3(3-0)
Semester 7		
GEO-601**	Digital Cartography	3(3-0)
IMT-631**	Internship/ Field Research Report	3(0-3)
GEO-603**	Regional Study of Asia/ Europe / North America / South America/ Africa/ Australia	3(3-0)
THQ-IV*	Teaching of Holy Quran-IV	1(1-0)
GEO-605	Soil Geography	3(3-0)
GEO-609	Population Geography	3(3-0)
GEO-607	Population Geography	3(3-0)
GEO-609	Cultural Geography	3(3-0)
GEO-611	Transportation Geography	3(3-0)
GEO-613	Geography of Recreation & Tourism	3(3-0)
GEO-615	Geography of Arid Lands	3(3-0)
GEO-617	Geography of Settlements	3(3-0)
GEO-619	Urban Ecology	3(3-0)
GEO-621	Natural Resources Management	3(2-1)
GEO-623	Hydro Geography	3(3-0)
GEO-625	Urban Geography	3(3-0)
GEO-627	Environmental Geography	3(3-0)
Semester 8		
CAP-630	Capstone Project	3(0-3)
GEO-602	Land use Planning	3(3-0)
GEO-604	Oceanography	3(3-0)
GEO-606	Urban Planning	3(2-1)
GEO-608	Environmental Impact assessment	3(3-0)
GEO-610	Regional Planning & Development	3(2-1)
GEO-612	Advance Remote Sensing	3(2-1)
GEO-614	Political Geography	3(3-0)
GEO-616	Medical Geography	3(3-0)
GEO-618	Geography of Natural Hazards and Disasters	3(3-0)
GEO-620	Industrial Geography	3(3-0)
GEO-622	Spatial Data Visualization	3(2-1)
GEO-640	Thesis (in lieu of two elective papers one from 7th and one from 8th semester)	6(0-6)

Note: Students have to choose 2 optional courses in the seventh semester and 4 optional courses in the eighth semester.
*Non Credit Course
**Compulsory Courses

Deficiency Courses For Bridging Semester

GEO-301	Fundamentals of Geography	3(3-0)
GEO-302	Physical Geography	3(3-0)
GEO-304	Fundamentals of GIS	3(2-1)
GEO-401	Human Geography	3(3-0)
GEO-405	Principles of Remote Sensing	3(2-1)

GEO-404	Surveying and Leveling	3(1-2)

BS Remote Sensing and GIS

Semester 1		
GIS-301	Introduction to GIS	3(3-0)
GEO-301	Fundamentals of Geography	4(4-0)
CSI-301	Programming Fundamentals	3(2-1)
ACH-411	Applied Chemistry for Geography	3(3-0)
ENG-321	Functional English	3(3-0)
ISL-321	Islamic Studies / Ethics (for Non-Muslims)	2(2-0)
THQ-I*	Teaching of Holy Quran-1	1(1-0)
Semester 2		
GIS-302	Introduction to Remote Sensing	3(2-1)
GSC-321	The Science of Global Challenges	3(2-1)
ENG-322	Expository Writing	3(3-0)
PST-321	Ideology and Constitution of Pakistan	2(2-0)
ENG-303	Introduction to literary studies	2(2-0)
CSI-321	Applications of Information and Communication Technologies	3(2-1)
PST-321	Pakistan Studies	2(2-0)
Semester 3		
GIS-401	Map Projection and Coordinate System	3(3-0)
GIS-403	Geodesy and Surveying	3(2-1)
GEO-401	Introduction to Geo-statistics	3(2-1)
CSI-302	Object Oriented Programming	3(2-1)
CSI-401	Data Structure & Algorithms	3(2-1)
QTR-421	Quantitative Reasoning-I	3(3-0)
THQ-II*	Teaching of Holy Quran-II	1(1-0)
Semester 4		
GIS-402	Navigation Systems	3(2-1)
GEO-402	Human Geography	4(4-0)
GEO-406	Physical Geography	4(4-0)
ENT-422	Entrepreneurship	2(0-2)
CCE-421	Civic and Community Engagement	2(2-0)
QTR-422	Quantitative Reasoning-II	3(3-0)
Semester 5		
GIS-501	GIS Programming	3(2-1)
GIS-503	Spatial Decision Support Systems	3(2-1)
GIS-505	Spatial Data Infrastructure	3(2-1)
GIS-507	Digital Image Processing	3(2-1)
GIS-509	Introduction to Photogrammetry	3(2-1)
GIS-511	Database Systems	3(2-1)
THQ-III	Teaching of Holy Quran-III	1(1-0)
Semester 6		
GIS-502	Research Methods	3(2-1)
GIS-504	Spatial Data Analysis	3(2-1)
GIS-506	Geospatial Project Management	3(2-1)
GIS-508	Microwave & Hyperspectral Remote Sensing	3(2-1)
GIS-510	Spatial Data Visualization	3(2-1)
GEO-508	Geography of Pakistan	3(3-0)
Note: Internship maybe offered to students during summer vacations as an optional activity.		
Semester 7		
GIS-601**	Cartography	3(2-1)
GIS-603**	Spatial Data Management	3(2-1)
GIS-605	Spatial Data Modeling	3(2-1)
GIS-607	Environmental Remote Sensing	3(2-1)
GIS-609	Land Information System	3(2-1)
GIS-611	Web GIS	3(2-1)
GIS-613	GIS in Urban Planning	3(2-1)
GIS-615	Application of GIS in Demography	3(2-1)
GIS-617	Climate Change Science	3(3-0)
IMT-631**	Internship	3(0-3)
THQ-IV	Teaching of Holy Quran-IV	1(1-0)
Semester 8		
GIS-602**	Digital Cartography	3(2-1)
GIS-604	Natural Resource Management	3(2-1)
GIS-606	Landuse Planning and Development	3(2-1)
GIS-608	Crime Analysis and Mapping	3(2-1)
GIS-610	Environmental Impact assessment	3(3-0)
GIS-612	GIS for Business Management	3(2-1)
GIS-614	Applications of Remote Sensing	3(2-1)
GIS-616	Forest Management	3(2-1)
GIS-618	Climate Change Management	3(2-1)
GIS-620	GIS for Disaster Management	3(2-1)
CAP-630**	Capstone Project	3(0-3)

Note: Students have to choosep 1 optional courses in the seventh semester and 2 optional courses
in the eighth semester.
*Non Credit Course
**Compulsory Course

MPhil / PhD Geography

GEO-701*	Advanced Research Methods	3(2-1)
GEO-702*	Quantitative Techniques in Geography	3(2-1)
GEO-703*	Techniques in Geo-Informatics	3(2-1)
STA-795*	Statistics for Research	3(2-1)
GEO-704**	Research Design and Methods in Geography	3(3-0)
GEO-705	Advances in Remote Sensing	3(2-1)
GEO-706	Advanced Urban Geography	3(3-0)
GEO-707	Biogeography	3(2-1)
GEO-708	Climate Change Science	3(2-1)
GEO-709	Population and Development	3(3-0)
GEO-710	Environmental Geography	3(3-0)
GEO-711	Soil Geography	3(3-0)
GEO-712	Natural Resources and Sustainable Development	3(3-0)
GEO-713	Geospatial Applications in Urban Planning	3(2-1)
GEO-714	Forest Management and Ecology	3(2-1)
GEO-715	Urban Transition	3(3-0)
GEO-716	Natural Hazards and Disasters Management	3(2-1)
GEO-717	Urban Ecology	3(3-0)
GEO-718	Geography of Drought and Desertification	3(3-0)
GEO-719	Geospatial Applications in Agriculture	3(2-1)
GEO-720	Spatial Data Analysis	3(2-1)
GEO-721	Fluvial Morphology	3(3-0)
GEO-722	Fertility Transition	3(3-0)
GEO-723	Geopolitics and International Affairs	3(3-0)
GEO-724	Cultural Geography	3(3-0)
GEO-725	Geography of Health	3(2-1)
GEO-726	Geography of Crimes	3(2-1)
GEO-727	Geography of Resources	3(3-0)

Mandatory Requirements for M.Phil		
*STA-795	Statistics for Research	3(2-1)
GEO-728*	General Seminar	1(0-1)
GEO-729	Research Seminar	1(0-1)
GEO-730*	Thesis	6(0-6)
Mandatory Requirements for PhD		
*STA-795	Statistics for Research	3(2-1)
GEO-758*	General Seminar	(0-1)
GEO-729*	Research Seminar	(0-1)
GEO-760*	Thesis	
** Core Courses for Ph.D *Core courses for M.Phil		

Note:
M.Phil Candidates will take four core courses in First Semester and 4 elective courses in the second semester. The PhD candidates will take one core course and two elective courses in First Semester whereas they will take three elective courses in the 2nd semester.

M. Phil Geography (GIS)

GEO-701*	Advanced Research Methods	3(3-0)
GEO-702*	Geo-Statistics	3(3-0)
GEO-703*	Techniques in Geo-Informatics	3(2-1)
GEO-704*	Statistics in Research	3(3-0)
GEG-705	Advanced GIS Programming and Customization	3(2-1)
GEG-706	Climate Change	3(3-0)
GEG-707	Flood Modeling	3(3-0)
GEG-708	Web GIS	3(3-0)
GEG-709	Advanced Geodesy	3(3-0)
GEG-710	Watershed Modeling and Management	3(3-0)
GEG-711	Environmental Impact Assessment	3(3-0)
GEG-712	Land Information Management System	3(3-0)
GEG-713	Geospatial applications in Urban Planning	3(3-0)
GEG-714	GIS and Sustainable Development	3(3-0)
Other Mandatory Requirements		
*STA-795	Statistics for Research	3(2-1)
GEG-758*	General Seminar	(0-1)
GEG-729*	Research Seminar	(0-1)
GEG-730	Thesis	6(0-6)

Note:
Overall 24 teaching credit hours for M.Phil Geography (GIS) program are mandatory. Students have to take four courses (4 core courses) in First Semester; 4 optional courses in the second semester of M.Phil Geography (GIS) from GEG-705 to GEG-714. Moreover, optional subjects will be offered on the basis of expertise of available faculty in the Department.





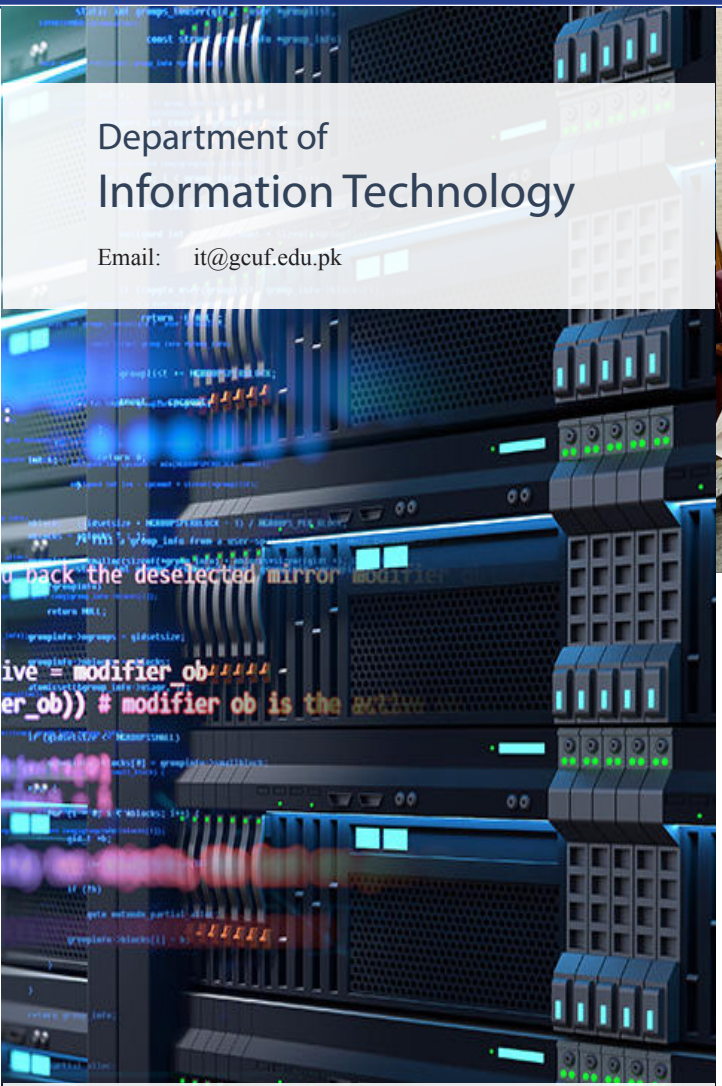












Department of Information Technology

Email: it@gcuf.edu.pk

Programs Offered

1. BS Information Technology
2. MS Information Technology

Chairperson: Prof. Dr. Mariam Rehman





Vision

To establish an effective operational environment containing advanced technological infrastructure, industry collaboration and research culture to deliver quality services to the students in terms of teaching, market exposure and research respectively.

Mission

To technically equipped students by providing support for academic excellence through teaching and promoting research culture to meet the emerging needs of the students.

Introduction

The College of Computer Science & Information Studies was one of the most prominent and oldest centers of computer education in Faisalabad. The center was established as a separate department by offering ICS program in 1999. The departmental progress journey continued, and offered BS (CS) program in 2001, MCS program in 2004 and MS (CS) program in 2009. BS (IT) was started as a specialized area according to the guidelines of Higher Education Commission (HEC). Later, Department of Information Technology became a separate department focusing on specialized areas of Information technology. This journey continued, and department offered MS (IT) program in 2014. The department provides excellent computing facilities and ensure the enhancement of practical knowledge to the students. Department of Information Technology provides a comprehensive range of facilities, which are necessary to perform computing tasks and to solve scientific, engineering, commercial and social problems. The department is equipped with laboratories having advanced technology computers. These laboratories are accessible for all students and teachers.

Faculty

Prof. Dr. Mariam Rehman
Chairperson / Professor
Ph.D
Specialization: Information Management, Computer Networks

Dr. Rabia Saleem
Assistant Professor
PhD (COMSAT-Pakistan)
Specialization: Machine Learning, Pattern Recognition

Dr. Muhammad Younas
Assistant Professor
Ph.D
Specialization: RE, ML, clone detection, cloud computing

Dr. Afzaal Hussain
Assistant Professor (OPS)
PhD (FAST-NU-Pakistan)
Specialization: Machine Learning, Computer Networks

Mr. Tahir Abdullah
Lecturer,
PhD Scholar
Specialization: Software Engineering, Machine Learning

Mr. Shahbaz Nazeer
Lecturer
PhD Scholar
Specialization: Software Engineering, Machine Learning

Mr. Farhan Shafqat
Teaching Assistant
MS-IT (GCUF-Pakistan)
Specialization: Deep Learning

Scheme of Studies
BS Information Technology

Semester 1		
CCC-301	Programming Fundamentals	4(3-1)
GER-301	Applications of Information and Communication Technologies	3(2-1)
ENG-322	Functional English	3(3-0)
MTH-323	Calculus and Analytic Geometry	3 (3-0)
PHY-321	Applied Physics	3 (2-1)
ISL-321	Islamic Studies	2 (2-0)
ISL-322	Ethics	2 (2-0)
*MTH-111	Basic Math-1 (For Pre-Medical Students only)	3(3-0)
*THQ-I	Teaching of The Holy Quran-I	1(1-0)
Semester 2		
CCC-302	Object Oriented Programming	4 (3-1)
CCC-304	Database Systems	4 (3-1)
ICP-321	Ideology and Constitution of Pakistan	2(2-0)
MTH-324	Multivariable Calculus	3 (3-0)
ENG-322	Expository Writing	3 (3-0)
*MTH-112	Basic Math-2 (For Pre-Medical Students only)	3 (3-0)
Semester 3		
CCC-401	Data Structures	4 (3-1)
CCC-306	Digital Logic Design	3 (2-1)
GER-604	Civics and Community Engagement	2 (2-0)
CCC-407	Computer Networks	3 (2-1)
BAM-601	Entrepreneurship	3 (3-0)
QTR-422	Discrete Structures	3 (3-0)
*THQ-II	Teaching of The Holy Quran-II	1(1-0)
Semester 4		
CCC-402	Computer Organization & Assembly Language	3 (2-1)
CCC-501	Operating Systems	3 (2-1)
CIT-401	Web Technologies	3 (2-1)
MTH-424	Linear Algebra	3(3-0)
BAM-301	Principles of Management	2(2-0)
PST-322	Pakistan Studies	2(2-0)
STA-321	Introduction to Statistical Theory	3 (3-0)
Semester 5		
CCC-601	Analysis of Algorithms	3 (3-0)
CIT-501	System & Network Administration	3 (2-1)
	Elective 1	3 (3-0)
CCC-409	Software Engineering	3 (3-0)
CCC-403	Information Security	3 (2-1)
CIT-503	Information Technology Infrastructure	3 (3-0)
*THQ-III	Teaching of The Holy Quran -III	1(1–0)
Semester 6		
CIT-502	Database Administration & Management	3 (2-1)
CCC-405	Artificial Intelligence	3 (2-1)
CIT-504	Cyber Security	3 (2-1)
	Elective 2	3
	Elective 3	3
	Elective 4	3
Semester 7		
CCC-631	Final Year Project - I	2 (0-2)
CIT-601	Parallel & Distributed Computing	3 (2-1)
ENG-422	Technical & Business Writing	3 (3-0)
	Elective 5	3
	Elective 6	3
	Elective 7	3
CIT-599	**INTERNSHIP	3 (0-3)
*THQ-IV	Teaching of The Holy Quran-IV	1(1-0)
Semester 8		
CCC-632	Final Year Project - II	4 (0-4)
GER-602	Professional Practices	2 (2-0)
ESC-601	Marketing and Social Media in Digital World	3 (3-0)

Audit Course :
* All courses are non-credit.
*Digital World: Online employment, Business, etc.
** The internship rubrics will be given by the Department.

* List of IT Elective Courses for BS(IT)

CIT-635	Virtual System & Services	3(2-1)
CIT-636	Computer Architecture	3(2-1)
CIT-637	Network Security	3(2-1)
CIT-638	Enterprise Systems	3(2-1)
CIT-639	Web Engineering	3(2-1)
CIT-640	Theory of Automata	3(2-1)
CIT-641	HCI & Computer Graphics	3(2-1)
CIT-642	Software Project Management	3(2-1)
CIT-643	Cloud Computing	3(2-1)
CIT-644	Software Requirement Engineering	3(2-1)
CIT-645	Visual Programming	3(2-1)
CIT-646	Mobile Application Development	3(2-1)
CIT-647	Routing & Switching	3(2-1)
CIT-648	Cryptography and Information Security	3(2-1)
CIT-649	Data Mining	3(2-1)
CIT-650	Digital Image Processing	3(2-1)
CIT-651	Technology Management	3(2-1)
CIT-652	Information Technology Tools & Techniques in Business	3(2-1)
CIT-653	Information technology Innovations in Business	3(2-1)
CIT-654	Electronic Customer Relationship Management	3(2-1)
CIT-655	Information Technology Tools for Forensic	3(2-1)
CIT-656	Business-oriented computer applications	3(2-1)

Defeciency Courses for Bridging Semester

CIT-521	Applied Programming	3(2-1)
CIT-522	Database Systems Concepts	3(2-1)
CIT-523	Operating Systems Concepts	3(2-1)
CIT-524	Web-Based Technologies	3(2-1)
CIT-525	Computer Communication and Networks	3(2-1)

CIT-526	Digital Logic Circuits	3(2-1)

MS Information Technology

Semester 1		
CIT-701	Advanced Database Management Systems	3(3-0)
CIT-702	Information Security and Assurance	3(3-0)
CIT-703	Research Methods (University Elective-1)	3(3-0)
CIT-728	Seminar (General)	1(0-1)
Semester 2		
	Elective I	3(3-0)
	Elective II	3(3-0)
	Elective III	3(3-0)
	Elective IV	3(3-0)
CIT-729	Seminar (Research)	1(0-1)
Mandatory Courses For MS		
STA-795	Statistics for Research	3(2-1)
CIT-730	Thesis	6(0-6)
List of Elective Courses		
CIT-710	Advanced Wireless Networks	3(3-0)
CIT-711	Advanced Telecommunication Systems	3(3-0)
CIT-712	Network Performance Evaluation	3(3-0)
CIT-713	Advanced Telecommunication Networks	3(3-0)
CIT-714	Advanced Network Security	3(3-0)
CIT-715	Network Simulation and Modeling	3(3-0)
CIT-716	Cloud Computing	3(3-0)
CIT-717	Mobile and Pervasive Computing	3(3-0)
CIT-718	Data Warehousing Concepts and Techniques	3(3-0)
CIT-719	Data Mining Concepts and Techniques	3(3-0)
CIT-720	Advanced Business Intelligence and Analytics	3(3-0)
CIT-721	Multimedia Databases	3(3-0)
CIT-722	Distributed Systems	3(3-0)
CIT-723	Computer Vision	3(3-0)
CIT-724	Big Data Analytics	3(3-0)
CIT-725	Stochastic Processes	3(3-0)
CIT-726	Information Visualization	3(3-0)
CIT-727	Data Science	3(3-0)
CIT-741	Advanced Machine Learning	3(3-0)
CIT-742	Information Retrieval Techniques	3(3-0)
CIT-743	Natural Language Processing	3(3-0)
CIT-731	Design Patterns	3(3-0)
CIT-732	Web Services	3(3-0)
CIT-733	Decision Support Systems	3(3-0)
CIT-734	Semantic Web	3(3-0)
CIT-735	Software Quality Assurance	3(3-0)
CIT-736	Requirements Engineering	3(3-0)
CIT-737	Component Based Development	3(3-0)
CIT-738	Software Design Patterns	3(3-0)
CIT-739	Advanced Image Processing	3(3-0)
CIT-740	Text Mining	3(3-0)





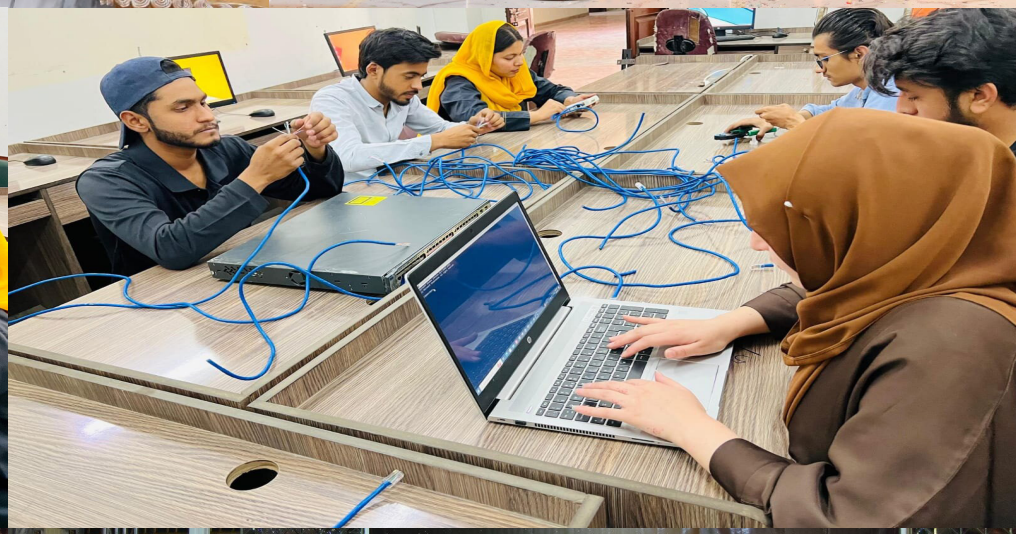







By Department of Information Technology
GC University Faisalabad








WELCOME

Department of Mathematics

Phone: 041-9203044
Email: math@gcuf.edu.pk

Programs Offered

1. BS Mathematics
2. M Phil Mathematics
3. PhD Mathematics

Chairman: Dr. Muhammad Imran



Vision

Our vision is to power minds through excellence. The theory, discipline, and techniques taught in mathematics courses develop computational, critical thinking, and problem-solving skills. We pursue excellence in all aspects of research, teaching, and mathematics communication. Mathematicians seek truth, beauty, and elegance. Therefore, the Department of Mathematics faculty strives to ensure a world-class education and research environment for future mathematicians.

Mission

The mission of the Department of Mathematics is to contribute to society through the pursuit of education, learning and research at the highest levels of excellence. Our wide range of courses at undergraduate and graduate levels offers outstanding training in mathematics and its links to other disciplines. Our research covers the spectrum of fundamental and applied mathematics. Courses development ensures that the student learner will be able to contribute to today's society; and will obtain abilities to assess numerical and graphical information critically, learn to formulate strategies for solving problems, and acknowledge the importance of being intellectually curious throughout their adult lives.

Introduction

Established in 1963 the Department of Mathematics is one of the oldest departments of this institution. It has rich history of excellence and performance and produced renowned mathematicians who are serving in various organizations with distinction and credit.

At the University level this department is now running BS, M. Phil and PhD programs in the subject of Mathematics.

The Department has produced outstanding students who are serving in academic institutions, Pakistan Atomic Energy Commission, Banks and Industries, and in particular, the Aerospace, Oil and Electronic Industry etc. The mission of the Department is to enhance the research skills of the creative minds through active involvement in the research-oriented activities.

The Department has qualified and experienced teachers who are devotedly inculcating in the students the zeal, spirit and determination necessary to compete with the new scientific challenges in every walk of life.

Goals

The Department will offer courses that:

- Build and enhance computational skills necessary in today's society and develop the students' ability to critically interpret numerical and graphical data.
- Develop and enhance the students' problem solving skills.
- Encourage and reinforce the critical thinking skills of the students.
- Develop the students' ability to intelligently communicate mathematical results in both written and oral format.
- Re-institute the Masters in Mathematics, offering concentrations in Applied Mathematics and Teaching of Mathematics.
- Provide the faculty with the necessary time and resources to enhance their professional endeavors in teaching, in research, and in service.
- Provide an environment which will help all faculty and staff to achieve their professional goals.

Faculty

Dr. Muhammad Imran
Associate Professor / Chairman
PhD (GCU Lahore-Pakistan)
Specialization: Fluid Mechanics, PDEs, Numerical Simulations

Dr. Mohsan Raza
Associate Professor
PhD (CUI Islamabad-Pakistan)
Specialization: Geometric Function Theory

Dr. M. Ahsan Binyamin
Associate Professor
PhD (GCU Lahore-Pakistan)
Specialization: Commutative Algebra & Singularity Theory

Dr. Nazeran Idrees
Associate Professor
PhD (GCU Lahore-Pakistan)
Specialization: Commutative Algebra, Graph Theory

Dr. Awais Gul Khan
Associate Professor
PhD (CUI Islamabad-Pakistan)
Specialization: Variational Inequalities, Optimization

Dr. Muhammad Umer Shuaib
Associate Professor
PhD (QAU-Pakistan)
Specialization: Group Theory, Fuzzy logics, Decesion Making Analysis

Dr. Saima Parveen
Assistant Professor
PhD (GCU Lahore-Pakistan) Postdoc (FUB, Germany)
Specialization: Low dimensional topology, Combinatorics

Dr. Muhammad Hussan Mahmood
Assistant Professor
PhD (CUI Islamabad-Pakistan)
Specialization: Fluid Mechanics, Symmetry Analysis

Dr. Muhammad Uzair Awan
Assistant Professor
PhD (CUI Islamabad-Pakistan)
Specialization: Convex Analysis, Mathematical Inequalities

Dr. Khadija Tul Kubra
Assistant Professor
PhD (Massey University, New Zealand)
Specialization: Heat & Mass Transfer, Mathematical Modelling, Fluid Mechanics

Dr. Akhtar Ali
Assistant Professor
PhD (University technology, Malaysia)
Specialization: Computational mathematics

Dr. Muhammad Kashif Iqbal
Assistant Professor (OPS)
PhD (NCBA&E, Pakistan)
Specialization: Computational Mathematics

Dr. Saqib Mazher Qurashi
Assistant Professor (OPS)
PhD (QAU Islamabad-Pakistan)
Specialization: Applications of Fuzzy Set, Rough Set & Soft Sets under Decision Making Problems

Dr. Shazia Kanwal
Assistant Professor (OPS)
PhD (CUI Islamabad-Pakistan)
Specialization: Fixed Point Theory & Applications, Non linear Analysis

Dr. Sehar Asghar
Assistant Professor (OPS)
PhD (GCUF-Pakistan)
Specialization: Nano Technology, Nanutubes/Numerical Solutions of Differential Equation

Dr. Naveed Anjum
Assistant Professor (OPS)
PhD (Soochow University, China)
Specialization: Nano/Microelectromechanical Systems

Dr. Atifa Latif
Assistant Professor (OPS)
PhD (RIUI-Pakistan)
Specialization: Fluid Dynamics, Porous Medium, PDE'S

Dr. Ayesha Iqbal
Assistant Professor (OPS)
PhD (CUI Islamabad-Pakistan)
Specialization: Cosmolgy/General Relativity

Dr. Saima Rasheed
Assistant Professor (OPS)
PhD (CUI-Pakistan)
Specialization: Integral inequalities, Fractional Calculus, Fuzzy Set theory, Numerical Solutions of PDES

Dr. Samaira Naz
Assistant Professor (OPS)
PhD (GCUF - Pakistan)
Specialization: Inequality Theroy, Fractional Calculus, Solution of Differential Equations

Dr. Syed Sheraz Asghar
Assistant Professor (OPS)
PhD (GCUF - Pakistan)
Specialization: Graph Theory

Dr. Asma Mahmood
Assistant Professor (OPS)
PhD (GCUF-Pakistan)
Specialization: Fuzzy Set Theory, Decision Making

Dr. Hadia Ali
Lecturer
PhD (CUI-Pakistan)
Specialization: Partial Differential Equations, Wave Scattering

Dr. Mubashara Wali
Assistant Professor (OPS)
PhD (CUI-Pakistan)
Specialization: Fractional Calculus, Numerical Solutions of Differential Equations

Mr. Muhammad Javed
Senior Computer Operator

Scheme of Studies BS Mathematics

Semester 1		
MTH-301	Calculus-I	3(3-0)
PHY-322	Fundamentals of Electricity and Magnetism	3(2-1)
ENG-321	Functional English	3(3-0)
ICT-321	Applications of Information and Communication Technologies	3(2-1)
QTR-421	Quantitative Reasoning-I	3(3-0)

GSC-321	The Science of Global Challenges	3(2-1)
THQ-I	Teaching of The Holy Quran-I	1(1-0)
Semester 2		
MTH-302	Calculus-II	3(3-0)
ENG-322	Expository Writing	3(3-0)
STA-642	Probability Theory	3(3-0)
ICP-321	Ideology and Constitution of Pakistan	2(2-0)
QTR-422	Quantitative Reasoning-II	3(3-0)
PES-301	Introduction to Physical Education	2(2-0)
ISL-321	Islamic Studies	2(2-0)
ISL-322	Ethics (For non-Muslims only)	2(2-0)
Semester 3		
MTH-401	Linear Algebra	3(3-0)
MTH-403	Ordinary Differential Equations	3(3-0)
MTH-405	Number Theory	3(3-0)
MTH-407	Vector and Tensor Analysis	3(3-0)
MTH-409	Mechanics	3(3-0)
STA-509	Introduction to Data Science	3(3-0)
+THQ-411	Teaching of The Holy Quran-II	1(1-0)
Semester 4		
MTH-402	Differential Geometry	3(3-0)
MTH-406	Cryptography	3(3-0)
MTH-408	Partial Differential Equations	3(3-0)
CCC-501	Artificial Intelligence	3(3-0)
PST-321	Pakistan Studies	2(2-0)
CCE-421	Civics and Community Management	2(2-0)
ENT-422	Entrepreneurship	2(2-0)
Semester 5		
MTH-501	Real Analysis-I	3(3-0)
MTH-503	Complex Analysis-I	3(3-0)
MTH-505	Numerical Analysis-I	3(3-0)
MTH-507	Algebra-I	3(3-0)
MTH-509	General Topology	3(3-0)
+THQ-III	Teaching of The Holy Quran-III	1(1-0)
Semester 6		
MTH-502	Real Analysis-II	3(3-0)
MTH-504	Complex Analysis-II	3(3-0)

MTH-506	Numerical Analysis-II	3(3-0)
MTH-508	Algebra-II	3(3-0)
MTH-510	Classical Mechanics	3(3-0)
MTH-512	Functional Analysis	3(3-0)
Semester 7		
MTH-601	Computing Tools for Mathematics	3(3-0)
MTH-603	Advanced Set Theory	3(3-0)
INT-631	Internship/Field Experience	3(3-0)
THQ-IV	Teaching of The Holy Quran-IV	1(1-0)
Optional Papers (3 out of following group)		
Applied Group		
MTH-605	Fluid Mechanics-I	3(3-0)
MTH-607	Operations Research	3(3-0)
MTH-609	Special Theory of Relativity	3(3-0)
MTH-611	Fractional Calculus	3(3-0)
MTH-613	Integral Equations	3(3-0)
MTH-615	Mathematical Statistics-I	3(3-0)
Pure Group		
MTH-621	Advanced Group Theory-I	3(3-0)
MTH-623	Theory of Rings	3(3-0)
MTH-625	Advanced Functional Analysis	3(3-0)
MTH-627	Advanced Topology	3(3-0)
MTH-629	Advanced Complex Analysis	3(3-0)
MTH-633	Field Theory	3(3-0)
Semester 8		
MTH-602	Theoretical Machine Learning	3(3-0)
CAP-630	Capstone Project	3(0-3)
Optional Papers (3 out of following gorup)		
Applied Group		
MTH-606	Fluid Mechanics-II	3(3-0)
MTH-608	Modeling and Simulation	3(3-0)
MTH-610	Special Functions	3(3-0)
MTH-612	Financial Mathematics	3(3-0)
MTH-614	Theory of Optimization	3(3-0)
MTH-616	Mathematical Statistics-II	3(3-0)
Pure Group		
MTH-622	Advanced Group Theory-II	3(3-0)

MTH-624	Measure Theory	3(3-0)
MTH-610	Special Functions	3(3-0)
MTH-626	Operator Theory	3(3-0)
MTH-628	Algebraic Number Theory	3(3-0)
MTH-632	Theory of Modules	3(3-0)

Note: Elective may be offered from the list attached depending on the availability of resources of the Department.
* Non-credit audit course

Deficiency Couses for Bridging Semester

MTH-402	Differential Geometry	3(3-0)
MTH-405	Number Theory	3(3-0)
MTH-406	Cryptography	3(3-0)
MTH-408	Partial Differential Equations	3(3-0)
STA-642	Probability Theory	3(3-0)
CCC-502	Artificial Intelligence	3(2-1)

MPhil/PhD Mathematics

MTH-701	Algebra	3(3–0)
MTH-702	Functional Analysis	3(3–0)
MTH-703	Numerical Analysis	3(3–0)
MTH-704	Theoretical Physics (Plasma Physics)	3(3–0)
MTH-705	Heat Transfer-I	3(3–0)
MTH-706	Heat Transfer-II	3(3–0)
MTH-707	Non-Newtonian Fluid Mechanics	3(3–0)
MTH-708	Lie Algebra	3(3–0)
MTH-709	Representation Theory of Symmetric Groups	3(3–0)
MTH-710	Numerical Solutions of Ordinary Differential Equations	3(3–0)
MTH-711	Algebraic Topology	3(3–0)
MTH-712	Graph Theory and its Applications	3(3–0)
MTH-713	Numerical Solutions of Partial Differential Equations	3(3–0)
MTH-714	Approximation Theory	3(3–0)
MTH-715	Sobolev Spaces	3(3–0)
MTH-716	Theory of Semi Groups	3(3–0)
MTH-717	Advanced Fluid Dynamics	3(3–0)
MTH-718	Viscous Fluid Flow	3(3–0)

MTH-719	Commutative Algebra	3(3–0)
MTH-720	Acoustics	3(3–0)
MTH-721	Geometric Function Theory	3(3–0)
MTH-722	Integral Transforms	3(3–0)
MTH-723	Convex Analysis	3(3–0)
MTH-724	Differential Subordinations and its Applications	3(3–0)
MTH-725	Inequalities Involving Convex Functions	3(3–0)
MTH-726	Perturbation Methods-I	3(3–0)
MTH-727	Perturbation Methods-II	3(3–0)
MTH-731	Advanced Partial Differential Equations	3(3–0)
MTH-732	Theory of Interpolation Spaces	3(3–0)
MTH-733	Magneto- Hydrodynamics	3(3–0)
MTH-734	Monomial Algebra	3(3–0)
MTH-735	Variational Inequalities and its Applications	3(3–0)
MTH-736	Integral Equations	3(3–0)
MTH-737	Theory of Majorization	3(3–0)
MTH-738	Distribution Theory and Transform Analysis	3(3–0)
MTH-739	Group Theoretic Methods	3(3–0)
MTH-740	Homological Algebra	3(3–0)
MTH-741	Fixed Point Theory	3(3–0)
MTH-742	Multiplicative Ideal Theory	3(3–0)
MTH-743	Fuzzy Logic and Its Applications	3(3–0)
MTH-744	Algebraic Graph Theory	3(3–0)
MTH-745	Topics in Mathematical Inequalities	3(3–0)
MTH-746	Algebraic Geometry	3(3–0)
MTH-747	Optimization	3(3–0)
MTH-748	Advanced Combinatorics	3(3–0)
MTH-749	Theory of Group Actions	3(3–0)
MTH-750	Theory of Group Graphs	3(3–0)
MTH-751	Algebraic Cryptography	3(3–0)
MTH-752	Topics in Advanced Analysis	3(3–0)
MTH-753	Mathematical Modelling	3(3–0)
MTH-754	Advance Operations Research	3(3–0)
MTH-755	Theory of Semirings	3(3–0)
MTH-756	Mathematical Aspects of General Relativity	3(3-0)
MTH-757	Advanced Cosmology	3(3-0)
MTH-761	Fractional Differential Equations	3(3-0)
MTH-762	Dynamical systems and applications	3(3-0)
Mandatory Requirements for MPhil		
STA-795	Statistics for Research	3(2-1)
MTH-728	General Seminar	1(0–1)
MTH-729	Research Seminar	1(0–1)
MTH-730	Thesis (3rd & 4th Semesters)	6(0–6)
Mandatory Requirements for PhD		
STA-795	Statistics for Research	3(2-1)
MTH-758	General Seminar	1(0–1)
MTH-759	Research Seminar	1(0–1)
MTH-760	Thesis	

N.B: Overall 24 teaching credit hours for M Phil program are mandatory and overall 18 teaching credit hours for PhD program are mandatory. However, the research supervisor of students may recommend additional courses. The department will offer the courses keeping in view the availability of teachers and nature of research to be conducted.

















Department of Physics

Phone: 041-9201372
Email: physics@gcuf.edu.pk

Programs Offered

1. BS Physics
2. MPhil Physics
3. MPhil Physics (Nanotechnology)
4. PhD Physics

Chairperson: Prof. Dr. Nasir Amin



Vision

To build up national reputation in Physics education and research and to become national leader in producing highly professional and motivated physicists.

Mission

To provide rigorous training in the scientific process and a firm scientific understanding of nature to foster critical thinking and to provide scientifically literate and liberally educated physicists. The primary functional aspects of our mission can be classified as:

- Preparing undergraduate and graduates for advanced studies and employment in education, research institutes and industry.
- Developing highly qualified physicists who can serve as major contributors to the scientific and technological literacy in theoretical and applied physics.
- Providing physics knowledge, experimental experience and training in analytical reasoning and critical thinking required as the basis for the students seeking advanced studies in physics.
- Polishing the expertise and competence in physics of our researchers/academic staff and to enable them to carry out advanced research in active areas of Physics as demanded by the 21st century.

Introduction

The Department of Physics is imparting quality education and research guidance to its students with the aim of serving the community at large. All the faculty members of the Department are striving arduously for achieving excellence in their profession and are utilizing all their potential to the maximum for uplifting the academic standards of the University. Currently, the department is offering undergraduate and postgraduate programs. In order to broaden and deepen the vision of its students according to the needs of the 21st century, the Department of Physics is particularly focusing on activity-based learning. By establishing academic and research linkages with local as well as international institutions, the Department of Physics provides a conducive environment for the academic and professional development of its students. The recently organized national as well as international conferences, seminars, Webinars and workshops speak volume of the efforts the department has taken to ensure that its students are provided with an in-depth understanding of the field. Owing to the availability of a wide variety of specialized PhD staff, the Department offers research opportunities to students in condensed matter physics, plasma physics, health and medical physics, semiconductor materials, Laser spectroscopy, Nano technology and theoretical physics.

Faculty

Prof. Dr. Nasir Amin
Professor / Chairperson
PhD, Postdoc (USA)
Specialization: Laser Spectroscopy & Laser Matter Interaction

Prof. Dr. Muhammad Sharif
Professor
PhD
Specialization: Experimental Plasma Physics

Dr. Ijaz Ahmad Khan
Associate Professor
PhD, Postdoc (Singapore)
Specialization: Experimental Plasma Physics

Dr. Aamir Shahzad
Associate Professor
PhD
Specialization: Computational Plasma and Materials

Dr. Abdur Rasheed
Associate Professor
PhD
Specialization: Theoretical Plasma Physics

Dr. Muhammad Imran Arshad
Associate Professor
PhD, Postdoc (UK)
Specialization: High Temperature Magnetic Nano Composites

Dr. Adnan Ali
Associate Professor
PhD
Specialization: Semiconductor Devices & Charaterization

Dr. Syed Muhammad Alay-e-Abbas
Associate Professor
PhD, Postdoc (Sweden)
Specialization: Computational Condensed Matter Physics

Dr. Nadeem Sabir
Associate Professor
PhD
Specialization: Nanomaterials

Dr. Fakhar e Alam
Associate Professor
PhD, Postdoc (China)
Specialization: Bio Photonics

Dr. Tariq Munir
Associate Professor
PhD
Specialization: Solid State Physics

Dr. Muhammad Ajaz–un-Nabi
Associate Professor
PhD
Specialization: Low Dimensional Semiconductor and Magnetic Nano Structures

Dr. Muhammad Kashif
Associate Professor
PhD
Specialization: Nano Materials & Computational Materials Science

Dr. Khalid Mahmood
Associate Professor
PhD
Specialization: Semiconductor nanostructures for thermoelectric modules and Biosensers

Dr. Muhammad Imran
Assistant Professor
PhD
Specialization: Computational Materials Science

Dr. Qureshi Amjad Sohail Shah
Assistant Professor
PhD
Specialization: Quantum Optomechanics

Dr. Sofia Akbar
Assistant Professor
PhD
Specialization: Semiconductor Physics and Photovoltaics

Dr. Alina Manzoor
Assistant Professor
Ph.D
Specialization: Materials Science

Dr. Kashif Javaid
Assistant Professor
PhD
Specialization: Optoelectronic Device Febrication and Charaterization

Dr. Sumera Perveen
Assistant Professor (OPS)
PhD
Specialization: Theoretical Plasma Physics

Dr. Taqmeem Hussain
Assistant Professor (OPS)
PhD
Specialization: Applied Radiation

Dr. Qurat-ul-Ain Asim
Assistant Professor (OPS)
Ph.D
Specialization: Material Sciences

Ms. Effat Yasin
Lecturer
MPhil
Specialization: Laser Induced Breakdown Spectroscopy

Dr. Kiran Mahmood
Assistant Professor (OPS)
PhD
Specialization: Nano-structured Magnetic Materials

Dr. Amjad Farid
Assistant Professor (OPS)
PhD
Specialization: Thin Film Semiconductors

Mr. Muhammad Khawar Abbas
Lecturer
MPhil
Specialization: Laser induced breakdown spectroscopy

Mr. Gahyias Anwar
Lecturer (On Study Leave)
MPhil
Specialization: Condensed Matter Physics, Laser Physics

Ms. Saima Saleem
Lecturer
MPhil
Specialization: Applied Physics

Scheme of Studies
BS Physics

Semester 1		
PHY-301	Mechanics-I	3(3-0)
GSC-321	The Science of Global Challenges	3(3-0)
MTH-301	Calculus-I	2(2-0)
ENG-321	Functional English	3(3-0)
ICP-321	Ideology and Constitution of Pakistan	2(2-0)

CSI-321	Applications of Information and Communicative Technologies	3(2-1)
PES-301	Introduction to Physical Education	2(1-1)
THQ-I	Teaching of The Holy Quran-I *	1(1–0)
MTH-111	Basic Mathematics – I **	3(3-0)
Semester 2		
PHY-302	Mechanics-II	3(3-0)
PHY-304	Heat and Thermodynamics	3(3-0)
PHY-306	Waves and Optics	3(3-0)
MTH-302	Calculus-II	2(2-0)
MTH-326	Differential Equations-I	2(2-0)
ENG-322	Expository English	3(3-0)
ISL-322	Islamic Studies/Ethics	2(2-0)
MTH-112	Basic Mathematics – II **	3(3-0)
Semester 3		
PHY-401	Electricity and Magnetism-I	3(3-0)
PHY-404	Introduction to Programming for Physicists	3(3-0)
PST-421	Pakistan Studies	2(2-0)
QTR-421	Quantitative Reasoning-I	3(3-0)
CCE-421	Civics and Community Engagement	2(2-0)
ENT-421	Entrepreneurship	2(2-0)
PHY-403	Mechanics, Heat & Vibrations Lab Course	3(0–3)
THQ-II	Teaching of The Holy Quran - II *	1(1–0)
Semester 4		
PHY-402	Electricity and Magnetism - II	3(3-0)
PHY-403	Modern Physics	3(3-0)
MTH-403	Differential Equations-II	2(2-0)
MTH-406	Linear Algebra, Metric and Topological Spaces	4(4-0)
PHY-408	Optics and Modern Physics Lab Course	3(0-3)
QTR-422	Quantitative Reasoning-II	3(3-0)
Semester 5		
PHY-501	Methods of Mathematical Physics-I	3(3-0)
PHY-503	Classical Mechanics	3(3-0)
PHY-505	Electrodynamics-I	3(3-0)
PHY-507	Electronics-I	3(3-0)
PHY-509	Nuclear Physics-I	3(3-0)
PHY-511	Electromagnetism Lab Course	3(0-3)
THQ-III	Teaching of The Holy Quran-III *	1(1–0)
Semester 6		
PHY-502	Methods of Mathematical Physics-II	3(3-0)
PHY-504	Statistical Mechanics	3(3-0)
PHY-506	Nuclear Physics-II	3(3-0)
PHY-508	Electrodynamics-II	3(3-0)
PHY-510	Electronics-II	3(3-0)
PHY-512	Atomic and Nuclear Physics Lab Course	3(0-3)
Semester 7		
PHY-601	Solid State Physics-I	3(3-0)
PHY-603	Quantum Mechanics-I	3(3-0)
PHY-605	Electronics Lab Course	3(0-3)
PHY-607	Relativity and Cosmology	3(3-0)
INT-631	Internship ***	3(0-3)
THQ-IV	Teaching of The Holy Quran-IV *	1(1–0)
Semester 8		
PHY-602	Solid State Physics-II	3(3-0)
PHY-604	Quantum Mechanics-II	3(3-0)
PHY-606	Computational Physics	3(3-0)
CAP-630	Capstone Project ****	3(0-3)
PHY-	Elective *****	
Elective Courses		
PHY-608	Particle Physics	4(4-0)
PHY-610	Health and Medical Physics	4(4-0)
PHY-612	Advanced Electronics	4(3-1)
PHY-614	Computational Materials Physics	4(3-1)
PHY-616	Plasma Physics	4(4-0)
PHY-618	Laser Technology and Applications	4(4-0)

Note:
* Non-credited course for Muslim students as per HEC letter No. HEC/CURR/SR-533/2023/4520, dated March 27, 2023.
** Deficiency course for F.Sc. Pre-Medical students.
*** Internship of 48 hours to be completed in the summer after 6th semester or during 7th semester.
**** Capstone Project will be offered and completed in the 8th semester.
***** One elective course of 4 CH to be chosen in the8th semester from the list provided below.

Deficiency Courses For Bridging Semester

PHY-305	Optics	3(3-0)
PHY-306	Introduction to Programming for Physicists	3(3-0)
PHY-404	Modern Physics	3(3-0)
CSI-321	Introduction to Computing Applications	3(2-1)
MTH-429	Introduction to Metric and Topological Spaces *	3(3-0)
CHM-424	Introductory Chemistry *	3(2-1)

Note: * Introduction to Metric and Topological Spaces (MTH-429) will be offered to students who have passed B.Sc/ ADS with General Mathematics, whereas Introductory Chemistry (CHM-321) will be offered to students who have passed B.Sc/ADS with Math courses (A&B).

MPhil/PhD Physics

PHY-701	Mathematical Techniques in Physics	3(3-0)
PHY-702	Experimental Techniques in Physics	3(3-0)
PHY-703	Theory of Condensed Matter Physics	3(3-0)
PHY-704	Low Temperature (Cold) Plasmas	3(3-0)
PHY-705	Advanced Solid State Physics	3(3-0)
PHY-706	Standard Model of Particle Physics	3(3-0)
PHY-707	Quantum Field Theory	3(3-0)
PHY-708	Integrable Systems	3(3-0)
PHY-709	Semiconductors devices	3(3-0)
PHY-710	Advanced Quantum Mechanics	3(3-0)
PHY-711	Atmospheric and Environmental Physics	3(3-0)
PHY-712	Health and Medical Physics	3(3-0)
PHY-713	Electromagnetic Theory	3(3-0)
PHY-714	Atomic Spectroscopy	3(3-0)
PHY-715	Plasma Physics	3(3-0)
PHY-716	Thin Film Deposition Techniques	3(3-0)
PHY-717	Experimental Plasma Physics	3(3-0)
PHY-718	Materials Science	3(3-0)
PHY-719	Fundamentals of Nano-Science	3(3-0)
PHY-720	Magnetic Materials	3(3-0)
PHY-721	Laser Physics	3(3-0)
PHY-722	Principles of advanced experimental techniques	3(3-0)
PHY-723	Atomic and optical physics	3(3-0)
PHY-724	Applied laser spectroscopy	3(3-0)
PHY-725	Advanced kinetic plasma theory	3(3-0)

PHY-726	Electromagnetic wave propagation	3(3-0)
PHY-727	Advanced Magnetic materials	3(3-0)
PHY-731	Plasma processing and technology	3(3-0)
PHY-732	Radiotherapy	3(3-0)
PHY-733	Treatment Planning and Advance Radiotherapy Techniques	3(3-0)
PHY-734	Bio-Photonics	3(3-0)
PHY-735	Tissue Optics	3(3-0)
PHY-736	Modeling and simulation techniques	3(3-0)
PHY-737	Advanced Modeling and simulation techniques	3(3-0)
PHY-738	Advanced medical Physics	3(3-0)
PHY-739	Semiconductor for power electronics	3(3-0)
PHY-740	Advance concepts of semiconductor devices	3(3-0)
PHY-741	Physics of solar cells	3(3-0)
PHY-742	Advanced Material science	3(3-0)
PHY-743	Advanced Experimental Plasma Physics	3(3-0)
PHY-744	Synthesis of Inorganic nanomaterials	3(3-0)
PHY-745	Principles of Thermoelectricity	3(3-0)
PHY-746	Thermoelectric Materials	3(3-0)
PHY-747	Optoelectronics	3(3-0)
PHY-748	Quantum Optics	3(3-0)
PHY-749	Quantum Optomechanics	3(3-0)
Mandatory requirements for MPhil		
STA-795	Statistics for Research	3(2-1)
PHY-728	Seminar General	1(0-1)
PHY-729	Seminar Research	1(0-1)
PHY-730	Thesis	6(0-6)
Mandatory requirements for PhD		
*STA-795	Statistics for Research	3(2-1)
PHY-758	Seminar General	1(0-1)
PHY-759	Seminar Research	1(0-1)
PHY-760	Thesis	6(0-6)

MPhil Physics (Nanotechnology)

PHY-701	Mathematical Techniques in Physics	3(3-0)
PHY-702	Experimental Techniques in Physics	3(3-0)
PHN-701	Introduction to Nanotechnology	3(3-0)
PHN-702	Simulation of Semiconductor Devices	3(3-0)
PHN-703	Fundamentals of Micro and Nano Fabrication	3(3-0)
PHN-704	Theoretical Design of Functional Nanomaterials	3(3-0)
PHN-705	Nanoscale Magnetic Materials and Applications	3(3-0)
PHN-706	Introduction to MEMS and NEMS	3(3-0)
PHN-707	Synthesis of Semiconductor Nanostructures	3(3-0)
PHN-708	Vacuum Science and Technology	3(3-0)
PHN-709	Nano Biophotonics	3(3-0)
PHN-710	Nitride Semiconductor Nano Devices	3(3-0)
PHN-711	Nanomaterials for Energy Applications	3(3-0)
PHN-712	Introduction to Spintronics	3(3-0)
Mandartory Courses For MPhil		
STA-795	Statistics for Research	3(2-1)
PHN-728	Seminar General	1(0-1)
PHN-729	Seminar Research	1(0-1)
PHN-730	Thesis	6(0-6)

*Ph.D students who have not studied the course “Statistics for Research” in M.Phil will have to take this course as audit course as mandatory requirement.











Department of Software Engineering

Email: se@gcuf.edu.pk



Vision

To educate the students to become research-oriented software engineers that are confident and meet the international standards.

Mission

To produce worthy graduates in the various disciplines of software engineering and to train them to apply the knowledge and skills of software engineering in the design, development, documentation and maintenance of software.

Introduction

The department of software engineering provides excellent computing facilities and ensures the enhancement of practical knowledge of students. The department provides a comprehensive range of facilities necessary for computer use and library of programs and packages for solving scientific, engineering, commercial and social problems. The department is equipped with computer labs having Pentium machines. These laboratories are accessible to all the students and teachers and also linked through the state of the art network environment for retrieving information. The department now exists and excels in the faculty of Physical Sciences.

The advancement in the field of software engineering by producing research contributions of international standards. The solution to the real-world problems concerning software and automation. The recognition of the department is at multiple levels due to its research and software development activities.

Programs Offered

1. BS Software Engineering
2. MS Software Engineering

Chairperson: Dr. Muhammad Awais

Faculty

Dr. Muhammad Awais
Associate Professor / Chairperson
PhD Information Science, Germany
Specialization: Applied Information Science

Dr. Muhammad Sheraz Arshad Malik
Associate Professor
Ph.D (Malaysia)
Specialization: HCI, IoT, Big Data, Info Visualization

Dr. Khurram Zeeshan Haider
Assistant Professor
PhD (UET, Taxila - Pakistan)
Specialization: Computer Vision

Dr. Usama Ahmed
Assistant Professor
PhD, COMSATS, Lahore
Specialization: Distributed Systems, cloud and Network Security

Mr. M. Yahya Saeed
Assistant Professor
PhD (GCUF-Pakistan)
Specialization: Computing and Text Engineering

Mr. Nauman-ul-Haq
Lecturer
PhD Scholar

Dr. Zubair Nabi
Lab. Engineer
PhD (GCUF-Pakistan)

Scheme of Studies
BS Software Engineering

Semester 1		
CCC-301	Programming Fundamentals	4(3-3)
CGE-301	Application of Information & Communication Technologies	3(2-3)
ENG-321	Functional English	3(3-0)
ISL-321	Islamic Studies	2(2-0)
ISL-322	Ethics (for Non-Muslim only)	2(2-0)
PHY-321	Applied Physics	3(2-3)
MTH-323	Calculus and Analytical Geometry	3(3-0)
*THQ - I	Teaching of The Holy Quran – I	1(1-0)
*MTH-111	Basic Math-I (For Pre-Medical Students only)	3(3-0)
Semester 2		
CCC-302	Object Oriented Programming	4(3-3)
CCC-306	Digital Logic Design	3(2-3)
CGE-306	Discrete Structures	3(3-0)
ICP-321	Ideology and Constitution of Pakistan	2(2-0)
ENG-322	Expository Writing	3(3-0)
MTH-424	Linear Algebra	3(3-0)
*MTH-112	Basic Math-II (For Pre-Medical Students only)	3(3-0)
Semester 3		
CCC-401	Data Structures	4(3-3)
CCC-409	Software Engineering	3(3-0)
BAM-301	Principles of Management	2(2-0)
MTH-302	Calculus-II (Multivariable)	3(3-0)
ENG-422	Technical Writing and Business Writing	3(3-0)
STA-321	Introduction to Statistical Theory	3(3-0)
*THQ - II	Teaching of The Holy Quran – II	1(1-0)
Semester 4		
CCC-501	Operating Systems	3(2-3)
CCC-601	Analysis of Algorithms	3(2-3)
CCC-304	Database Systems	4(3-3)
SDC-402	Software Requirements Engineering	3(2-3)
BAM-601	Entrepreneurship	2(2-0)
GER-402	Civics and Community Engagement	2(2-0)
PST-322	Pakistan Studies	2(2-0)
Semester 5		
CCC-405	Artificial Intelligence	3(2-3)
CCC-403	Information Security	3(2-3)
CCC-402	Computer Organization and Assembly Language	3(2-3)
SDE-501	Web Engineering	3(2-3)
SDE-503	HCI & Computer Graphics	3(2-3)
SDC-501	Software Design and Architecture	3(2-3)
*THQ- III	Teaching of The Holy Quran – III	1(1-0)
Semester 6		
CCC-407	Computer Networks	3(2-3)
SDC-502	Parallel & Distributed Computing	3(2-3)
SDC-504	Software Construction & Development	3(2-3)
SDE-502	Software Re-Engineering	3(3-0)
SDE-504	Mobile Application Development	3(2-3)
SDE- XXX	ELECTIVE- I	3
Semester 7		
SEI-599	**INTERNSHIP	3(0-3)
SDC-601	Software Quality Engineering	3(2-3)
SDC-603	Software Project Management	3(2-3)
SDE-601	Object Oriented Analysis & Design	3(2-3)
CGE-601	Professional Practices	2(2-0)
CCC-631	Final Year Project- I	2(0-2)
SDE-XXX	ELECTIVE- II	3
*THQ- IV	Teaching of The Holy Quran – IV	1(1-0)
Semester 8		
CCC-632	Final Year Project- II	4(0-4)
ESC-601	Marketing and Social Media (in Digital World***)	3(3-0)

*Audit Course (non-credit).
** The internship rubrics will be given by the Department, 6 to 8 weeks internship is mandatory during Summer semester, after 6th Semester
***Digital World: Online employment, Business, etc

List of Elective Courses:		
Elective I:		
SDE-506	Software Verification and Validation (Testing &QA)	3(2-3)
SDE-508	Advanced Database Management Systems	3(2-3)
Elective II:		
SDE-603	Web Technologies	3(2-3)
SDE-605	Data Science	3(2-3)
SDE-607	Theory of Automata	3(3-0)

MS Software Engineering

Core Courses		
SWE-733	Advanced Requirements Engineering	3(3-0)
SWE-734	Advanced Software System Architecture	3(3-0)
SWE-735	Software Testing and Quality Assurance	3(3-0)
Elective Courses		
SWE-704	Software Reuse	3(3-0)
SWE-705	Machine Learning Applications in Software Engineering	3(3-0)
SWE-706	Advanced Software System Quality	3(3-0)
SWE-707	Semantic Web Enabled Software Engineering	3(3-0)
SWE-708	Business Process Re-Engineering	3(3-0)
SWE-709	Research Techniques and Methods for Software Engineering	3(3-0)
SWE-710	Advanced Formal Methods in Software Engineering	3(3-0)
SWE-711	Software Engineering Ontologies	3(3-0)
SWE-712	Semantic Based Software Development	3(3-0)
SWE-713	Model Driven Software Development	3(3-0)
SWE-714	Software Process Engineering	3(3-0)
SWE-715	Software Case Tools and Applications	3(3-0)
SWE-716	Advanced Web Engineering	3(3-0)
SWE-717	Software Engineering Management	3(3-0)
SWE-718	Software Risk Management	3(3-0)
SWE-719	Software Measurements and Metrics	3(3-0)
SWE-720	Global Software Engineering	3(3-0)
SWE-721	Advanced Software Configuration Management	3(3-0)
SWE-722	Knowledge Based Software Engineering	3(3-0)
SWE-723	Software Dependability	3(3-0)

SWE-724	Software Costing and Estimation	3(3-0)
SWE-725	Data and Text Mining-1	3(3-0)
SWE-726	Data and Text Mining-2	3(3-0)
SWE-727	Artificial Intelligence and Software Agents	3(3-0)
SWE-728	Image and Video Processing	3(3-0)
SWE-729	Advanced Machine Learning	3(3-0)
SWE-736	Component Based Software Engineering	3(3-0)
SWE-737	Advanced Formal Methods	3(3-0)
SWE-738	Advanced Human Computer Interaction	3(3-0)
SWE-739	Agile Software Development Method	3(3-0)
SWE-740	Empirical Software Engineering	3(3-0)
SWE-741	Advanced Software Project Management	3(3-0)
SWE-742	Advanced Digital Image Processing	3(3-0)
SWE-743	Managment and Information Systems in SE	3(3-0)
SWE-744	Complex Networks	3(3-0)
SWE-745	Reliability Engineering	3(3-0)
Mandatory Requirements for MS		
STA- 795	Statistics for Research	3(2-1)
SWE-732	Seminar General	1(0–1)
SWE-731	Seminar Research	1(0–1)
SWE-730	Thesis	6(0–6)

*Note: Students are encouraged to take Seminar in the third semester and present their area of research and proposed research problem.















Department of Statistics

Phone: 041-9203045
Email: stat@gcuf.edu.pk



Programs Offered

1. BS Statistics
2. MPhil Statistics
3. PhD Statistics

Chairman: Prof. Dr. Faisal Maqbool Zahid



Vision

To disseminate quality education and produce quality research in different areas of Statistics and to produce highly skilled professional, scholars and researchers equipped with adequate knowledge of Statistics to meet the contemporary and future challenges.

Mission

The mission of the Department of Statistics is to contribute to the overall objectives of the Government College University, Faisalabad and the Affiliated Colleges, Science, and the Arts through excellence in research and education in the Statistical Sciences and through service to the university community, statistical profession, and society at large.

The proliferation of quantitative information in society demands that we help to develop the next generation of statistics professionals while increasing the statistical literacy of our students and the frequency of collaboration with our colleagues. To meet these objectives, the mission of the Statistics Department is to:

- Deliver a high-quality Statistics program for our majors and minors that prepares them for either the workplace or further study in graduate programs;
- Offer service courses for the university that meet the needs of the various majors and enhance the statistical literacy of the students;
- Support continued growth of Statistics faculty members as teacher-scholars. To contribute to the theoretical and applied development of the field through scholarly research in core areas of statistical theory and probability and publications in leading professional journals.
- To contribute to the development of new statistical methodology to address substantive problems and to promote the use of these methods through publications in both Statistics and subject-matter journals.
- To contribute to the advancement of science and technology through interdisciplinary research, jointly with scientists at the Government College University, Faisalabad and at other research institutions and develop a research culture in society in general.
- Introudcing advance topics of Statistics and its applications in different fields through workshops and seminars.

Introduction

Statistical methods and the application of probability theory are essential to the understanding of data and underlying processes in a very wide variety of fields, including health sciences, economics and finance, social science, government, engineering, biological and physical sciences.

In Government College, Faisalabad the Department of Statistics was established in 1960. Initially intermediate and degree classes were started. In October, 2002 the college was upgraded to University and a 2 year Master degree program was launched in September, 2003. BS (Hons.) a 4 year degree program was launched in September, 2005; the Department took the initiative of launching the MPhil (Statistics) program in 2012; PhD (Statistics) has been launched in 2020. Currently around 300 students are enrolled in different programs being offered by the Department of Statistics.

Statistical computations contribute as a major player to meet the

demand of the students and requirements of extended research activities in the graduate and post graduate courses. Statistics is considerably more applied and vocational than many other courses. It aims to produce students who can immediately work as applied statisticians. Whereas all theoretical concepts are covered, the emphasis throughout is on applying and adapting it to real-life circumstances. The analysis of real data sets constitutes the core of the courses and pivotal role of the computer as a powerful tool in modern statistics is constantly emphasized throughout the programs being offered. Weekly assignments/practical work makes extensive use of standard statistical packages including Minitab, SPSS, EViews, R, Mathematica, Design Expert etc. The graduated students are employed in reputable public and private sector organizations like Federal and Provincial Bureaus of Statistics, National Universities, State Bank of Pakistan, Pharmaceutical Industries, Government offices, Commercial Banks, and many other firms and organizations.

Faculty

Prof. Dr. Faisal Maqbool Zahid
Chairman
PhD (Germany), Postdoc (Germany)
Specialization: Machine Learning, High-Dimensional Data Analysis, Categorical Data Analysis, Missing Data

Prof. Dr. Tanvir Ahmad
PhD (IUB, Pak.), Postdoc (UK)
Professor
Specialization: Design of Experiments

Dr. Shahla Faisal (Gold Medalist)
PhD (Germany)
Associate Professor
Specialization: Machine Learning, Experimental Design, Missing Data

Dr. Muhammad Ali Raza
PhD (China)
Associate Professor
Specialization: Statistical Process Control

Dr. Muhammad Abid
PhD (China)
Associate Professor (On Study Leave)
Specialization: Statistical Process Control, Survey Sampling, Non- parametric Statistics

Dr. Muhammad Irfan
PhD (China)
Assistant Professor
Specialization: Sampling Theory , Financial Time Series, Applied Statistics

Dr. Maria Javed
PhD (China)
Assistant Professor
Specialization: Sampling Theory, Probability Distributions

Dr. Tahir Nawaz
PhD (China)
Assistant Professor
Specialization: Distribution Theory, Statistical Process Monitoring

Asifa Anwar
Lecturer
Specialization: Multivariate Analysis, Statistical Inference

Muhammad Aftab
Lecturer
Specialization: Applied Statistics, Design of Experiments

Scheme of Studies
BS Statistics

Semester 1		
STA-301	Introduction to Statistics	3(3-0)
QTR-421	Quantitative Reasoning-I	3(3-0)
MTH-321	Algebra and Trigonometry	3(3-0)
ENG-321	Functional English	3(3-0)
ISL-321	Islamic Studies	2(2-0)
ISL-322	Ethics (For Non-Muslim only)	2(2-0)
GSC-321	The Science of Global Challenges	3(2-1)
+THQ-I	Teaching of The Holy Quran -I	1(1–0)
Semester 2		
STA-302	Fundamentals of Probability and Random Variables	3(3-0)
STA-304	Introduction to Regression Analysis	3(3-0)
STA-306	Applied Statistics	3(3-0)
QTR-422	Quantitative Reasoning-II	3(3-0)
MTH-322	Introduction to Calculus	3(3-0)
ENG-322	Expository Writing	3(3-0)
Semester 3		
STA-401	Introduction to Probability Distributions	3(3-0)
STA-403	Statistics for Society	2(2-0)
STA-405	Fundamentals of Parameter Estimation	3(3-0)
CSI-301	Programming Fundamentals	3(2-1)
ICT-321	Applications of Information and Communication Technologies	3(2-1)
ICP-321	Ideology and Constitution of Pakistan	2(2-0)
PST-321	Pakistan Studies	2(2-0)
+THQ-II	Teaching of The Holy Quran -II	1(1–0)
Semester 4		
STA-402	Basics of Statistical Hypothesis Testing	3(3-0)
STA-404	Statistical Software	3(0-3)
STA-406	Survey Research Methods	3(3-0)
CCE-421	Civics and Community Engagement	2(2-0)
ENT-422	Entrepreneurship	2(2-0)
	Physical Education and Sports	2(2-0)
MTH-433	Mathematical Methods & Vector Analysis	3(3-0)
Semester 5		
STA-501	Probability and Probability Distributions-I	3(3-0)
STA-503	Sampling Techniques-I	3(3-0)
STA-505	Statistical Methods	3(3-0)
STA-507	Operations Research	3(3-0)
STA-509	Introduction to Data Science	3(3-0)
STA-511	Introduction to Survival Analysis	3(3-0)
+THQ-III	Teaching of The Holy Quran -III	1(1–0)
Semester 6		
STA-502	Probability and Probability Distributions-II	3(3-0)
STA-504	Sampling Techniques-II	3(3-0)
STA-506	Design and Analysis of Experiments-I	3(3-0)
STA-508	Statistical Quality Control	3(3-0)
STA-510	Introduction to Machine Learning	3(3-0)
STA-530	Seminar	1(0-1)
Semester 7		
STA-601	Econometrics-I	3(3-0)
STA-603	Design and Analysis of Experiments-II	3(3-0)

STA-605	Multivariate Analysis-I	3(3-0)
STA-607	Statistical Inference-I	3(3-0)
STA-609	Statistical Computing –I	3(0-3)
INT-631	Internship/Field Experience	3(0-3)
†THQ-IV	Teaching of The Holy Quran -IV	1(1–0)
Semester 8		
STA-602	Econometrics-II	3(3-0)
STA-604	Statistical Computing –II	3(0-3)
STA-606	Multivariate Analysis-II	3(3-0)
STA-608	Statistical Inference-II	3(3-0)
CAP-630	Capstone Project	3(0-3)
Any One of The Following Optional Courses		
STA-610	Analysis of Time Series and Forecasting	3(3-0)
STA-612	Categorical Data Analysis	3(3-0)
STA-614	Population Studies	3(3-0)
STA-616	Non Parametric Methods	3(3-0)
STA-618	Bayesian Statistics	3(3-0)

Deficiency Courses For Bridging Semester

STA-403	Statistics and Society	3(3-0)
STA-406	Statistical Software	3(0-3)
STA-402	Applied Statistics	3(3-0)
ENG-421	Communication Skills	3(3-0)
MTH-322	Introduction to Calculus	3(3-0)
CSI-301	Programming Fundamentals	3(2-1)

Note:
1- Candidate must have studied Statistics subject of 200 marks in BA/BSc.
2- Candidate must have studied Statistics as a major in ADP (Associate Degree Program).
3- The candidates need to pass above 18 credit hours as deficiency courses for bridging BA/BSc to BS Statistics.
4- Candidates having ADP (Statistics) from UCC/ Affiliated colleges of GCUF are not required to take any deficiency course.

MPhil Statistics

STA-701	Multivariate Analysis*	3(3-0)
STA-702	Probability Distributions	3(3-0)
STA-703	Advanced Design of Experiments	3(3-0)
STA-704	Linear Models and Regression Analysis	3(3-0)
STA-705	Research Methods	3(3-0)
STA-706	Optimization Techniques	3(3-0)
STA-707	Bayesian Analysis	3(3-0)
STA-708	Statistical Inference*	3(3-0)
STA-709	Categorical Data Analysis	3(3-0)
STA-710	Survival Data Analysis	3(3-0)
STA-711	Time Series and Forecasting	3(3-0)
STA-712	Biostatistics	3(3-0)
STA-713	Population Analysis and Official Statistics	3(3-0)
STA-714	Non-Parametric and Robust Methods	3(3-0)
STA-715	Statistical Process Control and Monitoring	3(3-0)
STA-716	Advanced Sampling Techniques	3(3-0)
STA-717	Incomplete Data Analysis	3(3-0)
Mandatory Requirements for MPhil		
STA-728	Seminar Genral	1(0-1)
STA-729	Seminar Research	1(0-1)
STA-730	Thesis	6(0-6)

Note:
1. The M.Phil. students will have to take 24 credit hours of course work during first two semesters, 12 credit hours in each semester.
2. The courses will be offered depending on the availability of faculty.
*Core course compulsory to qualify for MPhil degree.

PhD Statistics

STA-737	Advanced Econometric Analysis	3(3-0)
STA-738	Generalized Linear Models	3(3-0)
STA-739	Advanced Probability Theory	3(3-0)
STA-740	Advanced Response Surface Methodology	3(3-0)
STA-741	Applied Stochastic Models	3(3-0)
STA-742	Bayesian Decision Theory	3(3-0)
STA-743	Mixture Distributions	3(3-0)
STA-744	Advanced Statistical Computing	3(3-0)
STA-745	Design of Product Formulation	3(3-0)
STA-746	Advanced Statistical Process Control and Monitoring	3(3-0)
STA-747	Theory and Application of Ranked Set Sampling	3(3-0)
STA-748	Advanced Topics in Survey Sampling	3(3-0)
STA-749	Advanced Topics in Categorical Data Analysis	3(3-0)
STA-750	High Dimensional Data Analysis	3(3-0)
STA-751	Advanced Imputation for Missing Data	3(3-0)
Mandatory requirements for PhD		
STA-758	Seminar Genral	1 (0-1)
STA-759	Seminar Research	1 (0-1)
STA-760	Thesis	

Note:
1. PhD students will have to take 18 teaching credit hours from the above list for PhD program in first two semesters
2. The PhD students must complete the minimum required teaching credit hours in first 2 years.
3. The PhD students cannot take the course(s) which he/she has already taken at MPhil/MS level.
4. The courses will be offered depending on the availability of faculty.






Dr. Shahid Kamal Block


STATISTICS

Institute of Arts and Sciences, Chiniot Campus

Ph: 92-343-7707729
Email: falaksher.gcuf@gmail.com







Director Incharge:
Dr. Falak Sher

Programs Offered

1. BS Sociology
2. BBA
3. BS English Literature
4. BS Mathematics
5. BSCS

Vision

Institute of Arts and Sciences Chiniot Campus aspires to generate and enhance knowledge through continuous progressive efforts for the benefit of all stakeholders, especially University students.

Mission

- The mission of Institute of Arts and Sciences Chiniot Campus is to provide high quality and accessible education, creative endeavors, and meaningful scholarly experiences in pursuit of local and global contributions to knowledge;
- Offers a welcoming and rewarding academic and work environment for students, faculty, and staff; and
- Fosters innovative learning, community engagement, and critical and independent thought

Introduction

The summary for the establishment of a sub-campus – Government College University Faisalabad-at District Chiniot was approved by the Government of Punjab in 2015 with the vision that university should introduce different programs in different disciplines for the benefit of local masses. The summary of the project was presented before the Chief Minister by Higher Education Division and it was approved in 2018. The land which is allocated for the development of sub campus is 101 Kanals and 16 Marlas at Chak No.14 JB, Chiniot. It is 8 kilometers away from the city center.

The Worthy Vice Chancellor of GCUF Prof. Dr. Shahid Kamal along with other administrative staff visited the site of the campus on February, 2020. Now two academic blocks are under construction at the said site with the approved capital cost of Rs 1676.561 million by CDWP. Currently, the temporary building which is just 3 kilometers away from the city Chiniot is operational for the classes of running semesters.

The main objective of the campus is to provide high quality and accessible education to the students of District Chiniot who in order to get higher education used to go to other districts. Currently, BS programs in five subjects (Sociology, English, Mathematics, Computer Science & Business Administration) are being offered in the Institute of Arts and Sciences, GCUF, Chiniot campus. We are planning to offer more BS programs in the near future.

Our Teaching Faculty of all the Departments- Sociology, English, Mathematics, Computer Science & BBA is highly qualified, experienced and enthusiastic, who will provide the highest quality learning environment for the greater wellbeing of our students and deliver an outstanding educational portfolio. In a short span of time, campus has made considerable progress in terms of academic development, as a huge response from the students of Chiniot is seen during the enrolment campaign.

Faculty

Dr. Falak Sher
Director Incharge
Ph.D. (GCUF)
Specialization: Sociology / Criminology

Dr. Muhammad Umar Zafar
Lecturer
Ph.D (GCUF)
Specialization: Medical Sociology, Gender Inequality, Human Rights, Social Work

Dr. Mudasar Ali Nadeem
Lecturer
Ph.D. (University of the Punjab, Lahore)
Specialization: Sociology of Migration, Criminology

Dr. Muhammad Naeem Shahid
Assistant Professor
Ph.D. (Bahria University, Islamabad)
Specialization: Finance

Mr. Aamir Abbas
Lecturer
Ph.D. Scholar (The University of Faisalabad)
Specialization: Marketing, MIS, Business Intelligence, Agility

Ms. Mahreen Bashir
Lecturer
Ph.D. Scholar (The University of Faisalabad)
Specialization: Banking and Finance

Dr. Mubbashar Nazeer
Assistant Professor
Ph.D. (International Islamic University Islamabad)
Specialization: Numerical Simulations, Cavity Flows. Numerical Simulations

Mr. Raheel Ahmad
Lecturer
MS (COMSATS University, Islamabad)
Specialization: Functional Analysis, Fixed Point Theory

Mr. Waqar Hussain
Lecturer
Ph.D. Scholar (FAST NUCES)
Specialization: Multi-Robotics Systems, Pattern Recognition and Computer Vision

Mr. Waseem Abbas
Lecturer
MS-CS (UET-Taxila)
Specialization: Artificial Intelligence, Medical Image Processing and Signal Processing

Mr. Adeel Shahzada
Lecturer
M.Phil. (UOL)
Specialization: Translation Studies, Modern Novel

Mr Imran Ali
Lecturer
M.Phil. (UOL)
Specialization: Novel, Short Story, Post-Colonial Studies, Literary Studies

Mr. Malik Sallah ud Din
Lecturer
M.Phil. (GCUF, Pakistan)
Specialization: Post-Colonial Studies, Pakistani Literature in English

Ms. Saba Rasheed
Lecturer
M.Phil. (Riphah, Pakistan)
Specialization: Functional English, Pakistani Literature in English

Ms. Rabia Kanwal
Lecturer
MS CS. (UAF, Pakistan)
Specialization: Software Engineering, Web Developement & Database Managment Systems













Institute of Arts and Sciences, Hafizabad Campus

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Email: gcuf.hfd@gcuf.edu.pk





Director Incharge:

Dr. Khurram Ashfaq



Programs Offered

1. BS Accounting & Finance
2. BS English Literature, 5th Bridging
3. BS Mathematics, 5th Bridging
4. BBA (Business Administration)
5. BS Commerce, 5th Bridging

Vision

Institute of Arts and Sciences Hafizabad aspires to take the region forward by providing affordable quality education to all students. We are committed to deliver unparalleled life enhancing experiences that will help and transform students personally, socially and intellectually.

Mission

The Mission of Institute of Arts and Sciences Hafizabad is to effectively disseminate fundamental knowledge of social, moral and religious values. We will transmit advanced literary and scientific learning with innovative research and freedom of thought and expression.

Introduction

Government College University Faisalabad Sub Campus Hafizabad is situated in the district Hafizabad which is famous for its Agricultural Products and Power Looms. The campus was established in 2019. The Worthy Vice Chancellor of GCUF Prof. Dr. Shahid Kamal along with other administrative staff inaugurated the campus on 9th December, 2019. The main aim of the campus is to provide affordable quality education to the students of Hafizabad who in order to get higher education used to go to other districts. In a short span of time, campus has made considerable progress in terms of academic development as a huge response from the students of Hafizabad is seen during the enrolment campaign. Initially, BS programs in four subjects (English, Mathematics, Commerce & BBA) are being offered in the campus. We are planning to offer more BS programs in the near future. Our Teaching Faculty is based on highly qualified, experienced and enthusiastic minds who are doing their best to alleviate young minds by infusing innovative education.











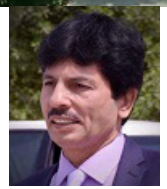
Layyah Campus

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Email: chairman.gcuflc@gmail.com



Director Incharge:

Rai Ghulam Abbas Bhatti



Programs Offered

1. DPT (5 Years)
2. BBA (Hons) (4 Years)
3. BS Sociology (4 Years)
4. BS Mathematics (4 Years)
5. BS Zoology (4 Years)
6. BS Physics (4 Years)
7. BS Chemistry (4 Years)
8. BS Botany (4 Years)
9. BS Food Science & Technology (4 Years)
10. BS Human Nutrition & Dietetics (4 Years)
11. BS Information Technology (4 Years)
12. BS Computer Science (4 Years)
13. BS Software Engineering (4 Years)
14. BS Commerce
15- ADP (CS)
16- ADP (IT)
17. ADP (Commerce)
18- ADP Food Science
19- ADP Business Administration
20- ADP Accounting & Finance

Note: BS5th Briding Semsester Offered in Mentioned Programs (Chemistry, Zoology, Botany, Physics, Mathematics, Sociology, Computer Sciences, Information Technology, Food Science, Commerce, BBA)

AL-ABBAS BHATTI TRUST

AL-ABBAS Bhatti Trust was establish purely for welfare intents. Al-Abbas trust, so far, rendered its endeavors in almost all walks of life. The Trust contribute financially for the marriages of girls in poor families, facilitated4500 poor families for the immigration of their youth in abroad, provided network of free transport for students in the whole District. It provided scholarship grants and free higher education to the intelligent and position holders students. Free Ambulance and provision of free equipment in Government Hospitals is one of the chief mark Al-Abbas Trust the services of this trust went on and finally it sailed to the realization of LICCS.

Layyah Institute of Commerce and Computer sciences (LICCS) emerged on the jubilant day of independence i.e August 14, 1997. At the outset Diploma in Business Administration (DBA) and Bachelor in Commerce (B.Com) were lunched in rented building. Soon this institute achieved excellent slandered of education and attracted hundreds of students at a time. The educational quest went on and LICCS earned a distinct position in commerce, computer Sciences, Law, Health and Physical education, Technology, Education, Science, and other related studies.

Establishment of GCUF Layyah Campus

In 2012 as a result of MOU between Government College University Faisalabad and Al Abbas Bhatti trust on the basis of public/private Partnership GC University Layyah Campus was established. Initially 29 program in 13 departments were approved by the syndicate for GCUF Layyah Campus. Currently 35 program are running in the campus and around 180 highly motivated and dedicated qualified staff in teaching and 75 non-teaching are the part of the campus.

GCUF Layyah Campus enjoys a series of distinctions in different field of studies every year. The students are rewarded with modals on countless occasion by the AL Abbas Bhatti Trust as well for holding positions in different classes. The faculty and the director were rewarded Gold Medals in recognition of their services.

Each department of the GCUF Layyah Campus has an HOD who keeps in contact with BOM (Board Of Management) of the campus and who is also responsible for the supervision/ evaluation of the concerned department. Policy Making of the Campus is in the hand of BOM.

The placement department maintains the record of the pass out and keeps laison with different department and industries. This department facilitates the students in their job seeking. Lecture of different head of department are arranged to create the demand of the pass outs.

Establishment of AIMS (Abbas Institute of Medical Science)

Keeping in view the demand of health science program Al Abbas Bhatti Trust establish Abbas Institute of Medical Science in 2022. Initially BS Nursing, Post RN and Pharm-D were started in the institute



Sahiwal Campus

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Email: sahiwalcampus@gmail.com



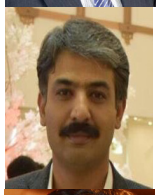
Director Incharge:

Prof. Ch Muhammad Hanif



Project Director:

Muhammad Sohail Tariq Chaudhry



Project Director:

Muhammad Faraz Hanif



Vision

Aspire to develop leaders who can handle complex businesses, social and scientific environmental knowledge in our overcharging world. Empowering students to fulfill their academic and professional passions in the university. Creating an innovative connection between education, humanities, science, and technologies.

Mission

The mission of Government College University Sahiwal Sub Campus is

• To educate the local and surrounding community for our society, through our commitment to the transformative power of a scientific approach.

• To produce graduates having attributes essential for a leader in the industry and academic institution such as independence of thought environmental social responsibilities and strong interdisciplinary foundation build-up.

• To have a positive social impact by translating knowledge into solutions for locally relevant problems.

• Offer a broad and balanced academic program and emphasize high-quality creative instruction at the undergraduate and graduate levels.

• Achieve leadership in each discipline, strengthening studies, and discover new fields of learning.

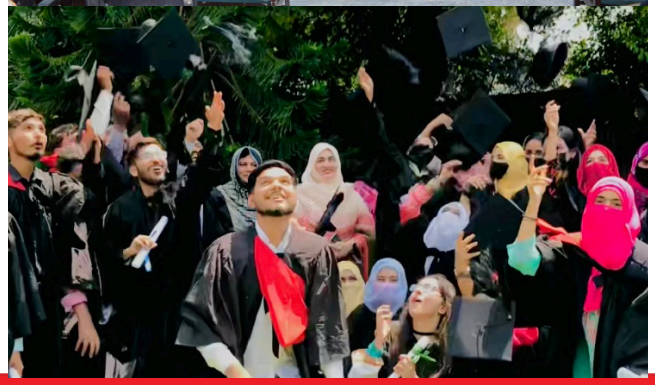
Introduction

The Government College University Sahiwal Sub Campus is one of the best institutes in the Sahiwal Division who is offering higher educational facilities to the community of surrounding ruler areas. It pertains to develop plans in terms of education as well as physical growth. University's educational philosophy is to reconstruct the human thoughts in all its facets on the foundation of social moral and religious values. GCUF is designed to improve existing knowledge and practice in the field of business, social, and allied life sciences both in pure and applied form through innovative and creative approaches to offer the best possible services to the society and humanity at large and contributing throughout since its inception. GCUF aspires to experience an antiparallel education journey that is intellectually, socially, and personal transformation to the country's citizens. Our highly qualified and visionary faculty is always striving their best to improve the quality of life through education, innovation thereby contributing to endeavors to make Pakistan and this world a better place to live. A huge response of students during admission speaks about the deep involvement of academic staff towards their commitment.

Programs Offered

- ADP (Computer Science)
- ADP (Business Administration)
- ADP (Accounting & Finance)
- ADP (Food Science and Techonolgy)
- BS Food Science and Technology
- BS Human Nutrition & Dietetics (HND)
- BS Computer Science
- BS Information Technology, 5th Bridging
- BS Software Engineering
- BS Mathematics, 5th Bridging
- BS Chemistry, 5th Bridging
- BS Applied Chemisrty
- BS Physics, 5th Bridging
- BBA, 5th Bridging
- B.Sc Electrical Engineering Technology
- B.Sc Civil Engineering Technology
- B.Sc Mechanical Engineering Technology





Samundri Campus

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Director:
Dr. Muhammad Ishtiaq



Introduction

The sub-campus of Government College University, Faisalabad at Samundri has been included in Medium Term Development Framework (MTDF) 2021-24. It is also reflected in Annual Development Program (ADP) 2021-22 and presently under construction. This newly established sub-campus intends to provide opportunities of seeking quality education at affordable cost to the students of Samundri and adjoining towns. This scheme has been approved in Departmental Development Sub-Committee (DDSC) meeting held at Higher Education Department Government of Punjab. The PC-I amounting to Rs. 398.309 million has been approved. The construction of state of the art sub campus is underway on the state land measuring 211 Kanal 3 Marlas at Chak 469/GB Main Rajana-Samundari road just 3 km from main city. The land has been transferred by the Board of Revenue (BOR), Colonies Department Punjab. The Master Plan of Sub-campus comprises of state-of-art buildings including Academic Blocks, Hostels Administration Block, Faculty and Staff Residences, Masjid, Mini sports Complex, Cafeteria and other allied facilities has been prepared. The construction works has been started on site with full swing. Initially, several BS programmes covering some important fields of Social Sciences as well as Basic Sciences have been prioritized.





University Community College











Programs Offered

The following Intermediate, Associate Degree and Diploma Programs are offered from the Academic Year 2024.

Intermediate Programs

1- F.Sc (Pre-Medical)

Part-I: English, Urdu, Islamic Education, Physics, Chemistry, Biology
Part-II: English, Urdu, Pak. Studies, Physics, Chemistry, Biology

2- F.Sc (Pre-Engineering)

Part-I: English, Urdu, Islamic Education, Physics, Chemistry, Mathematics
Part-II: English, Urdu, Pak. Studies, Physics, Chemistry, Mathematics

3- ICS

Part-I: English, Urdu, Islamic Education, Physics, Mathematics, Computer Science
Part-II: English, Urdu, Pak. Studies, Physics, Mathematics, Computer Science

4- I.Com

Part-I: English, Urdu, Islamic Education, Business Mathematics, Principles of Accounting, Principles of Economics, Principles of Commerce
Part-II: English, Urdu, Pak. Studies, Business Statistics, Principles of Accounting, Principles of Banking, Commercial Geography

Associate Degree Programs (Morning and Replica)

1. Computer Science
2. Information Technology
3. Accounting & Finance
4. Public Administration
5. Business Administration
6. Applied Psychology
7. Commerce
8. Food Science and Technology

Note: The qualified students of Associate Degree Programs will be given an opportunity to taransfer into 5th semester in their relevant BS Degree Programs in University.

Diploma Program

1. Post Magisterial Diploma in Clinical Psychology (PMDCP) 1.5 year

Prospectus Committee





Prof. Dr. Zahira Batool
Convener



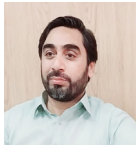
Prof. Dr. Salma Sultana
Member



Prof. Dr. Sofia Anwar
Member



Dr. Khalid Latif
Member



Dr. Muhammad Yasir Ali
Member



Mr. Rana Laique Ahmed
Member



Dr. Muhammad Imran
Secretary

Admission Committee





Prof. Dr. Tayyaba Sultana
Convener



Prof. Dr. Hazoor Sabir
Member



Dr. Sana Inam
Member



Prof. Dr. Salma Sultana
Secretary



Prof. Dr. Farhat Jabeen
Member



Prof. Dr. Ghulam Murtaza
Member



Dr. Kahsif Javed
Member



Prof. Dr. Humayun Abbas
Member



Prof. Dr. Asim Mansha
Member



Mr. Hassan Mehmood
Member



Prof. Dr. Abid Rashid
Member



Dr. Muhammad Imran
Member



Mr. Usman Bashir
Member


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DEPARTMENT OF
ELECTRICAL
ENGINEERING
TECHNOLOGY










VICE CHANCELLOR
G.C. UNIVERSITY FAISALABAD










and bioproducts
h Cluster
ormatics and Biotechnology
e University Faisalabad
Algae Biotechnology:




Government College University Faisalabad
Seminar Hall, STC, New Campus
T.H.E.
World University Ranking 2024
2nd
T.H.E.
World University Ranking Asia 2024
Ranked at
1st
Prof. Dr.






THE PUNJAB EDUCATIONAL ENDOWMENT FUND (PEEF)
DEVELOPING HUMAN CAPTIAL
SOFT SKILLS DEVELOPMENT PROGRAM








FRANCIS D. K. CHING




محفلِ مشاعرہ
9 اکتوبر 2024ء


محفلِ مشاعرہ
9 اکتوبر 2024ء




محفل مشاعرہ









Disclaimer

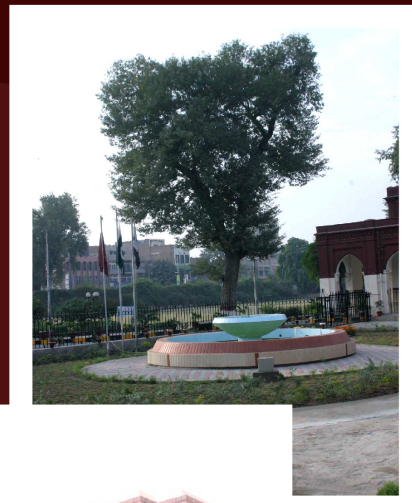
This prospectus provides information about the academic programs of various faculties of Government College University Faisalabad and should not be taken as binding on the University. Information contained in it, including curriculae, admission procedures, rules of examination, regulations of discipline and fee and dues are periodically reviewed and revised by the Competent Authority. The University reserves the right to change any rules, regulations and financial effects applicable to the students whenever and where ever it is deemed appropriate or necessary.

Errors and omissions excepted
















MIAN MUHAMMAD
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