UNIVERSITY OF
ENGINEERING AND
TECHNOLOGY, PESHAWAR

UNDERGRADUATE PROSPECTUS

2020-21

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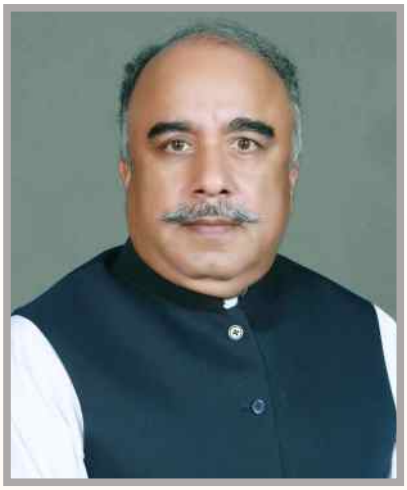
Vision

To be among the top ranking universities of the world through Education, Research and Innovation

Mission

To produce highly qualified, well-rounded professionals through education who play a leading role in the society by powering and driving knowledge-based economy and offer research services and innovation for sustainable development.



GOVERNOR

Message from the

CHANCELLOR

The University of Engineering and Technology Peshawar is the oldest seat of higher learning of Khyber Pakhtunkhwa with a vision to be the top ranked universities of the world through education, research and innovation. Vital to such excellence is its commitment to diversity and inclusiveness, and we all have to cultivate this rich diversity by allowing our core values to keep providing a learning environment where our youth could pursue their dreams.

The comprehensive curriculum in engineering and non-engineering disciplines composed of a wide range of courses are offered within an environment that is conducive to your success and learning abilities. At the same time, you will be challenged to strengthen your skills through vigorous training programs and time bound semesters. That's why, we will expect more from you than any other institution in your academic life thus far.

I am satisfied that UET Peshawar has also worked commendably in coping COVID-19 situation through real-time, interactive and remote online teaching as per its schedule. This has also marked the beginning of a huge transformation in teaching methodology. It is also satisfying that the University also extended its online admission services to the residents of remote areas – the manifestation of which is the intake of students and commencement of academic year 2020-21.

While welcoming you all as the new entrants, we assure you to provide every possible opportunity to achievement. I invite you to explore carefully the information given in this Prospectus 2020-21 and become familiar with UET Peshawar about its offerings. .

I wish you a good fortune, and huge success in all your endeavors.

SHAH FARMAN
Governor, Khyber Pakhtunkhwa

Message from the

PRO-VICE CHANCELLOR

The University of Engineering and Technology Peshawar has been successfully able to translate the vision over the years of developing responsible future leaders who are capable of facing the daunting realities and global challenges. Towards that end, the university has not only opened new departments but adopted a robust teaching methodology more in line with the requirements of global world. As we know that Pakistan is a signatory of the Washington Accord, UET Peshawar has made special efforts in the last few years to bring the engineering programs upto the International standards. We are able to take a huge shift from conventional to the modern teaching system by getting all our major engineering programs accredited under the Outcome Based Education Program. This achievement, no doubt, is attributed to a strong faculty support. Our robust curriculum also serves as a base for the students to develop interpersonal and leadership skills while acquiring academic knowledge.

The University is promoting a policy of accessible and quality higher education for all the aspirants across Khyber Pakhtunkhwa. Our satellite campuses located in Bannu, Kohat, Jalozai and Abbottabad are a manifestation of this commitment where major engineering programs are taught to the students at their doorsteps. While we are committed to achieve our goals, we strongly believe that the next generation in leadership can only evolve if the students themselves put concerted efforts with their Teachers and parents to build strong career. With such inclusiveness, we are confident that UET Peshawar will turn out to be one of the greatest places of learning in the world.

Join us and be proud of your alma mater!

Prof. Dr. Qaisar Ali

GOVERNING BODIES

SENATE

The Senate is the highest statutory body of the University and has the power of general supervision over the University. The Senate has all powers of the University not expressly vested in an Authority or Officer by University Model Act and all other powers not expressly mentioned in the Act that are necessary for the performance of its functions. The Senate consists of the following:

- The Chancellor, who shall be its Chairperson
- The Pro-Chancellor
- The Vice Chancellor
- One member of the Provincial Assembly of the Khyber Pakhtunkhwa to be nominated by the Speaker of the said Assembly.
- A retired judge to be nominated by Chief Justice of Peshawar High Court.
- Secretary of the relevant Administrative Department of Govt. or his nominee not below the rank of an Additional Secretary.
- The Secretary to Government, Higher Education Department, or his nominee not below the rank of an Additional Secretary.
- The Secretary to Government, Finance Department, or his nominee not below the rank of an Additional Secretary.
- The Secretary to Government, Establishment Department, or his nominee not below the rank of an Additional Secretary.
- The Chairman, Higher Education Commission or his nominee not below the rank of Director General.
- One eminent or distinguished graduates of the University who are not its employees to be nominated by the Chancellor.
- Two persons from the academic community of the Province of the Khyber Pakhtunkhwa or the country, other than an employee of the University, at the level of professor or Principal, to be appointed by the Chancellor.
- Four University Teachers, including one Professor, one Associate Professor, one Assistant Professor and one Lecturer to be elected by teachers of their respective cadres from amongst themselves.
- Four persons from society at large being persons of distinction in the fields of administration, management, education, academics, law, accountancy, medicine, fine arts, architecture, industry, agriculture, science, technology and engineering with a view to create diversity and balance across the various fields, to be nominated by the Chancellor.
- One University Administrative Officer to be elected from amongst all the Administrative Officers in the prescribed manner.

SYNDICATE

The Syndicate is the executive body of the University, subject to the provisions of the Act and Statutes, exercise general supervision over the affairs and management of the University. Members of the Syndicate are:

- The Vice Chancellor, who shall be its Chairperson
- A retired judge to be nominated by Chief Justice of Peshawar High Court
- All the Deans of the faculties of the University
- Secretary of the relevant administrative Department or his nominee not below the rank of an Additional Secretary.
- The Secretary to Government, Higher Education Department, or his nominee not below the rank of a Deputy Secretary.
- The Secretary to Government, Establishment Department, or his nominee not below the rank of Additional Secretary.
- The Secretary to Government, Finance Department, or his nominee not below the rank of Additional Secretary.
- Two Principals (preferably one male and one female) of affiliated colleges to be nominated by the Academic Council.
- One Professor, One Associate Professor, One Assistant Professor and one Lecturer of the University to be elected by teachers of their respective cadres in the manner as may be prescribed by Statutes.
- One Principal or Chairman or Director of the Teaching Department or Institute or Centre to be elected from amongst themselves in accordance with the prescribed Statutes.
- One administrative officer to be elected from amongst themselves in a manner as may be prescribed by Statutes.
- Registrar
- Treasurer
- One nominee of the Commission not below the rank of an advisor or member.
- One person of eminence to be nominated by the Chancellor.

ACADEMIC COUNCIL

The Academic Council is the principal academic body of the University, subject to provisions of the Act-2016 and the statutes, has the powers to lay down proper standards of instruction, research and examinations and to regulate and promote the academic life of the University. The Academic Council consists of the following:

- The Vice Chancellor, who shall be its Chairperson
- The Chairpersons of Teaching Departments or Directors of academic institutes/units
- The Deans
- All Professors including Emeritus and Meritorious Professors
- Six university teachers including two Associate Professors, two Assistant Professors and two lecturers to be elected from amongst themselves in the manner prescribed by Statutes.
- Two Principals, preferably one female, of affiliated colleges, one each from public and private sector, to be nominated by the relevant administrative Secretary of the Government department.
- One Principal of the constituent college, to be nominated by the Senate.
- The Director Admissions
- The Controller of Examinations
- The Registrar, who shall be its member-cum-secretary

Admission Enquires

www.uetpeshawar.edu.pk

UET Peshawar strives to provide admission related information to potential students. The following departments respond to various queries regarding selection of academic disciplines, admission schedule and important dates etc.

Directorate of Admissions

The Directorate of Admissions is responsible for the student admissions information; provides specific and general information to prospective students round the year.
Contact: 091-9216784, **website:** www.enggentrancetest.pk **E-mail:** admission@uetpeshawar.edu.pk

Directorate of Media and Publications

The Directorate of Media and Publications is responsible for media activities and in-house publications. It runs an extensive admission publicity campaign; circulates admission schedules, important information, announcements, news releases and advertisements.
Contact: 091-9222147, **E-mail:** dirmedia@uetpeshawar.edu.pk

Campus Management Solutions (CMS) / IT Center

UET Peshawar with its core mandate to provide "quality education" is on a continuous path to bring new technologies in the academic processes. In 2006, UET Peshawar under the auspices of HEC took an initiative and established an advanced network infrastructure through the Campus Management Solutions (CMS) software services. The CMS, a web-based portal was officially launched in 2008 at UET Peshawar with an aim to provide faculty/staff and the students with immediate access to real-time information that helps to streamline the processes, reduce manual handling and building a database that effectively manages student accounts. In 2012, CMS was transformed into Information Technology Center by adding a wide spectrum of services to its domain. These services are offered across the campus which include CMS software services; providing 24/7 internet services on campus and hostels; official email services; VPN to access HEC Digital Library for the students and faculty/staff; video conferencing; issuance of Microsoft licensed softwares to the departments; managing the official website: **www.uetpeshawar.edu.pk** with the latest information on academic and research programs, and IT Help Desk Support. The University also started the Smart Campus (Eduroam), a world-wide education roaming service in 2019 which has further enhanced the internet connectivity for the students and faculty/staff across campus. Over the years, the integration of information technology into academic and administrative processes has completely transformed the learning environment and student lifestyle on campus.
Contact: (+92-91) 9222141, **Email:** cmshelp@uetpeshawar.edu.pk

Learning & Support Services

Providing top-notch academic facilities is central to UET's policy. Our relevant and state-of-the-art curricula are fully supported with appropriately trained faculty and administrative staff, working in well-equipped laboratories. In addition, there are support facilities that add another dimension to the learning cycle.

Students' Facilitation Center

Each department of the University has a modern Students' Facilitation Center equipped with state-of-the-art facilities including internet, laptop, printer, copier, and scanner etc. Semester Coordinators, Academic Advisors, CMS Operators, and Computer Operators are available in the Centers to help students in their academic related matters. Timetables, date sheets, scholarships' notifications and all types of forms & templates required to students are also made available in the centers. The facilitation centers work on the principle of one-window operation, where students are provided with services under one roof. The main services provided by the center include but are not limited to:

a) Listening to students' queries with respect to improvement in courses, CGPA, etc.

b) Solving students' problems related to late fee, clash in timetable, etc.

c) Providing guidance to students for success in their academic career.

Career Development Center

The Career Development Center is committed to serve students in a timely and effective manner to grab job opportunities after their graduation from the university. Our professionally trained career counseling staff provides a comprehensive collection of client counseling services to equip you with the tools to make successful career choices. To achieve this goal, one-to-one counseling sessions and group discussions are held with graduating students to help them in making informed decisions about their career. CDC staff also arranges internship opportunities and conducts interviews for potential employers at university for short term placements of students.

Computing and Communications Services

These services are available for faculty and students alike and include high speed internet services, video conferencing, access to online databases such as e-journals and e-books provided through HEC digital library.

Health Care Services

Students requiring medical attention are referred to the Lady Reading Hospital, Khyber Teaching Hospital and Hayatabad Medical Complex for which they will be provided ambulance round the clock, free of cost.

University Transport

The Transport Directorate provides pick-and-drop services to students and faculty members. It has a large pool of buses, mini buses, pick-ups and trucks. Students interested in availing the facilities must register their names at the time of admission. All official trips by faculty and students survey camps and field trips are arranged by the Transport Directorate.

University Workshops

The University Workshops have extensive equipment serving a broad range of requirements, from heavy engineering applications to small-component shops. It provides ample opportunity to engineering graduates for hands-on experience during their academic stay at UET. During the first and second years, the students are familiarized with tools, machines and processes, while during the third and fourth years, they are assigned to work on projects which count towards their final degree credits.

Major workshops include Drafting Shop, Machine Shop, Fitting Metal Shop, Foundry Shop, Carpentry Shop, Electric Shop and CNC Laboratory.

Extra-Curricular Activities

Clubs, Societies and Events

Orientation Day For the new entrants, the University holds Orientation Day before the commencement of classes. Admission folders, having important information including semester schedules, courses offered and contact details are distributed amongst students as well as desk information is also offered by student organizers and faculty. This is followed by the welcome address from the vice chancellor and faculty at university's Main Hall. It gives a great opportunity to see the University and to get a feel of its atmosphere.

Project Exhibition: "Student Project Exhibitions" are arranged annually in June each year where final-year engineering students publicly demonstrate their design projects. Through this platform the students are engaged with a wide audience of engineering industry members, academics, media and the general public.

Education Expos: Engaging University with the wider community though education expo's is widely recognized as a flagship feature with the aim to enhancing the University's reputation and public standing.

Sports: The Directorate of Sports provides the opportunity for students to participate in physical activities to achieve a healthier lifestyle, to develop new skills and to improve their sporting talent. Students play friendly matches with neighboring universities, and private clubs. The Directorate also organizes inter-departmental sports tournament annually. The University shares sports grounds with the University of Peshawar for practice and competitions. We have excellent tennis grounds, alongwith allied facilities.

CLUBS & SOCIETIES

Besides extensive academic learning, the students have the opportunity to develop and enhance their interpersonal and community skills. The Directorate of Clubs and Societies is the umbrella under which professional and general student societies perform different tasks throughout their academic career at the University. Following is the list of registered clubs and societies where students can register themselves and explore their hidden talents.

Professional / Technical Societies

- Institute of Electrical and Electronics Engineers (IEEE)
- American Society of Mechanical Engineers (ASME)
- Institution of Civil Engineers (ICE)
- Robotics Clubs
- Institute of Industrial Engineers (IIEE)
- Pakistan Institute of Chemical Engineer (PICHE)
- Association of Energy Engineers (AEE)
- American Society of Heating Refrigeration and Air Conditioning Engineers (ASHRAE)
- Society of Mining Engineers (SME)
- Computer Cell
- Computer Society

General Societies

- Literary and Debating Society
- Hiking and Trekking Club
- Islamic Society of Engineers
- Let's Help Welfare Society
- University Sports Society
- Young Entrepreneurship Society
- University Media Club
- Pakhto Society

Contents

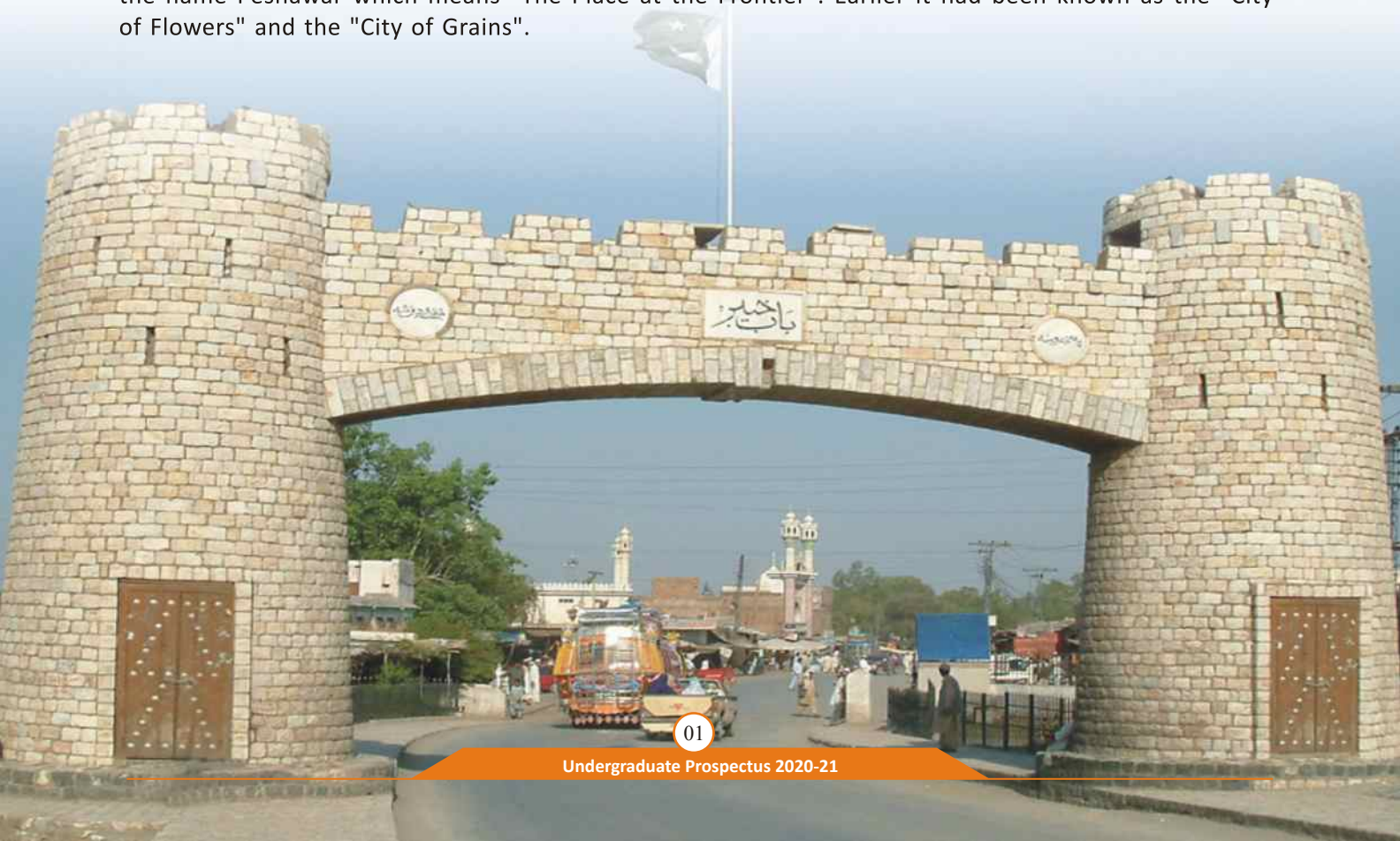
About
Peshawar

Peshawar is home to proud Pakhtoons. It is the capital of the Khyber Pakhtunkhwa, and is a truly frontier town, a meeting place of the subcontinent and Central Asia. It is also a place where ancient traditions rub against those of today, where the bazaar and the old city has changed little in the past hundred years, except to have a modern university, some first-class hotels, several international banks and one of the best museums in Pakistan. Peshawar is located around 172 km (107 miles) west of Islamabad by road, and around half an hour by air.

No other city is quite like Peshawar. The bazaar within the walls is like an American Wild West movie, costumed as a Biblical epic. Pashtun tribesmen stroll down the streets with hands hidden within their shawls, their faces half obscured by the loose ends of their turbans. Overlooking all are the massive Bala Hisar Fort, a military installation, and the elegant Mahabat Khan Mosque.

On the other side of the railway line is the cantonment, its tree lined streets wide and straight, as they pass gracious administrative buildings and spacious bungalows, commanding equally spacious gardens. Further west is University Town, Peshawar's “newer” section, and the site of UET, Peshawar. Further west is the sprawling township of Hayatabad, edged by the Karkhano Markets (Industrial Markets).

The fortunes of Peshawar are inextricably linked to the Khyber Pass, the eastern end of which it guards. The pass seems to have been little used in prehistoric times, and even in early historic times, it was generally shunned as too narrow, and thus too prone to ambush. Not until the powerful Kushans invaded Gandhara and pacified the area in the first century AD did the Khyber become a popular trade route. Since then, many emperors and rulers have ruled over this area and during this time, Peshawar has had as many names as its rulers. Moghul emperor Akbar, formally gave the city the name Peshawar which means "The Place at the Frontier". Earlier it had been known as the "City of Flowers" and the "City of Grains".



The UNIVERSITY

The University of Engineering and Technology, Peshawar, is a premier institution of higher learning in the field of engineering sciences. Started as a College in 1952, with an initial enrollment of only twenty students, today it boasts twenty four engineering departments, covering an entire spectrum of engineering and non-engineering disciplines, from the traditional, such as electrical and mechanical, to the cutting-edge technologies. With producing more than 2000 graduates every year, UET Peshawar has been treading on a continuous path to achieve its goal with a stronger and more efficient infrastructure and qualified Ph.D. faculty dedicated and administrative staff. Currently 10,000 students are enrolled in various disciplines of undergraduate and postgraduate levels and satellite campuses located in Peshawar (Main Campus), Abottabad, Bannu, Kohat and Jalozai.

In research innovation and commercialization, we have maintained R&D collaborations with leading institutions which has resulted in receiving funds in millions. At present, the faculty secured the research funding of more than 60 projects worth Rs. 677m from different donors including HEC, USAID, UNIDO , PSF, DOST . The Planning Commission has also approved the revised PC-4 at the cost of Rs.2.37b for UET Jalozai Campus, a mega project funded by HEC in 2007 at the cost of RS. 6.56 billion. With untiring efforts of University the project is back to right direction. In addition, the University has progressed well to complete the development projects worth Rs. 3.7 b including the Center for Advanced Studies in Energy, funded by USAID and getting the approval of PC -4 of Rs. 10m for its Earthquake Engineering Center.

UET Peshawar's place in society is reflected through our close partnerships with stakeholders in solving our local problems in Khyber Pakhtunkhwa as we continue to work closely with International Partners including USAID, UNICEF, British Council, UN and KPOGCL through joint ventures in academic learning and research.

Peshawar Campus

With a modest beginning in 1952 as a "constituent" college of Peshawar University, UET, Peshawar was established in 1980. Since then, four satellite campuses in Bannu, Abbottabad, Kohat and Jalozai have been added. Our previous satellite campus, Mardan has now transformed as an independent university. We have also established centers of excellence and institutions. However, Peshawar Campus remains the nucleus of the University, keeping everything moving along the correct path.

Satellite Campuses

Abbottabad Campus
The Chancellor, UET, Peshawar inaugurated Abbottabad Campus in October, 2002, in the old premises of Ayub Medical College. The city of Abbottabad gained fame as a city of schools and colleges. Due to a pleasant climate, people from all parts of the country send their children to study in reputed educational institutions such as Army Burn Hall, Abbottabad Public School, COMSATS Institute of Information Technology etc. In addition, five medical colleges in the city also attract students. Establishment of a campus of UET, Peshawar in Abbottabad has not only addressed a longstanding public demand, but also enhanced the city's image as a seat of learning. Known for its natural beauty, better climatic conditions and a vast network of educational institutions, Abbottabad was ideally suited for such an institution of higher learning in applied sciences. A new girls hostel with a capacity to accommodate hundred students has been constructed at the campus.

Bannu Campus
Bannu Campus became operational in May 2002, in the premises of the Comprehensive High School in the city. This has brought higher education in engineering sciences to this neglected middle-southern region. Prior to this, students would go to Dera Ismail Khan, Kohat or Peshawar to pursue their higher studies.

Currently, two traditional disciplines in engi-neering sciences are offered, and efforts are afoot to consolidate these Programs. Large investment in strengthening laboratories, and upgrading infrastructure are being done to quickly bring this campus at par with others.

Kohat Campus
The administrative and management control of Engineering Academic Programs of Kohat University of Science and Technology (KUST) was handed over to UET, Peshawar on April 3, 2012. At present, UET Kohat Campus is offering B.Sc. electrical engineering in leased premises, providing all necessary facilities to the students.

Jalozai Campus
The Jalozai Campus funded by HEC at the cost of Rs. 6,565.272 Million is being established on Pabbi-Cherat Road at 11 KM Southwards from GT Road in district Nowshera. Total area of the campus is 402 acres and the total covered area is approximately 1,021,233 sq. ft. with live-in strength of 3,240 students in eight departments. The Campus includes academic blocks, central facilities, amenities, sports & recreational facilities, hostels, staff residences together with infrastructural facilities and a Sewage Treatment Plant.

Having the services of all Ph.D faculty Jalozai Campus will offer education in eight engineering disciplines including Civil Engineering, Electrical Engineering, Mechanical Engineering, Telecommunication Engineering, Computer Science and Information Technology, Chemical Engineering, Petroleum and Gas Engineering and Industrial Engineering out of which four undergraduate Programs i.e civil engineering, electrical engineering, mechanical engineering and industrial engineering have been started.

Program Learning Outcomes (PLOs)

Twelve Program Learning Outcomes as listed in the PEC Accreditation Manual-2014 have been adopted for all BSc Engineering programs and are given below.

1. Engineering Knowledge

An ability to apply knowledge of mathematics, science, engineering fundamentals and an engineering specialization to the solution of complex engineering problems.

2. Problem Analysis

An ability to identify, formulate, research literature, and analyse complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences and engineering sciences.

3. Design / Development of Solutions

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.

4. Investigation

An ability to investigate complex engineering problems in a methodical way including literature survey, design and conduct of experiments, analysis and interpretation of experimental data, and synthesis of information to derive valid conclusions.

5. Modern Tool Usage

An ability to create, select and apply appropriate techniques, resources, and modern engineering and IT tools, including prediction and modelling, to complex engineering activities, with an understanding of the limitations.

6. The Engineer and Society

An ability to apply reasoning informed by contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to professional engineering practice and solution to complex engineering problems.

7. Environment and Sustainability

An ability to understand the impact of professional engineering solutions in societal and environmental contexts and demonstrate knowledge of and need for sustainable development.

8. Ethics

Apply ethical principles and commit to professional ethics and responsibilities and norms of engineering practice.

9. Individual and Teamwork

An ability to work effectively, as an individual or in a team, on multifaceted and /or multidisciplinary settings.

10. Communication

An ability to communicate effectively, orally as well as in writing, 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, make effective presentations, and give and receive clear instructions.

11. Project Management

An ability to demonstrate management skills and apply engineering principles to one's own work, as a member and/or leader in a team, to manage projects in a multidisciplinary environment.

12. Lifelong Learning

An ability to recognize importance of, and pursue lifelong learning in the broader context of innovation and technological developments.

FACULTY OF

CIVIL, AGRICULTURAL AND MINING ENGINEERING

MESSAGE FROM DEAN

It is a matter of great pride to welcome the brightest of our youth to the Faculty of Civil, Agricultural and Mining Engineering. These disciplines lie at the core of the development of our beloved country. Contributions of our graduates in terms of development and management to various economic and social sectors are ubiquitous – highways, motorways and railways; hydroelectric projects; a large and growing stock of buildings; vast networks of irrigation infrastructure from major canals all the way to water courses; off- and on- farm efforts for enhancing agricultural productivity; extraction of invaluable mineral resources; exploration and tapping of gas and oil reserves. In all these activities, the graduates of this faculty have been at the forefront in the service of the society thereby, reducing dependence on foreign expertise. The achievements of our alumni are a reflection on the quality of teaching by our faculty members. Besides teaching, they have also been diligently contributing to research activities to create an indigenous knowledge base.

While the disciplines of Civil, Agricultural and Mining engineering offer exciting career opportunities, success is dependent on being equipped with the knowledge and skill-sets necessary for a world that is characterized by rapid technological changes, climate change and need for sustainable development. In your classrooms, laboratories and libraries you will find that all our efforts are directed towards preparing you successfully navigate this challenging world.

Welcome and have an enjoyable and intellectually satisfying four years stay with us!

Prof. Dr. Akhtar Naeem Khan
Dean, Faculty of Civil, Agricultural
and Mining Engineering

Mission Statement

To support teachers in providing dynamic leadership for excellent teaching, research, innovation and support to industry thereby, contributing to sustainable socio-economic growth of Pakistan; and to produce well-rounded, enterprising engineering graduates possessed with strong ethical values, professionalism, willingness to work hard and dedicatedly towards improving the world a better place to live for all.

Chairman

Prof. Dr. Qaisar Ali	Ph.D. (Pak)

Professors

Prof. Dr. Akhtar Naeem Khan (TI)	Ph.D.(USA)
Prof. Dr. Qaisar Ali	Ph.D. (Pak)
Prof. Dr. Irshad Ahmad	Ph.D. (Pak)
Prof. Dr. Amjad Naseer	Ph.D. (Pak)
Prof. Dr. Muhammad Javed	Ph.D. (Pak)
Prof. Dr. Bashir Alam	Ph.D. (USA)
Prof. Dr. Syed Muhammad Ali	Ph.D. (Pak)
Prof. Dr. Rawid Khan	Ph.D. (UK)

Associate Professors

Dr. Mohammad Ashraf	Ph.D. (Pak)
Dr. Khan Shahzada	Ph.D. (Pak)
Dr. Muhammad Fahad	Ph.D (USA)
Dr. Naveed Ahmad	Ph.D. (Italy)
Dr. Mujahid Khan	Ph.D. (Pak)
Dr. Muhammad Waseem	Ph.D. (Italy)

Assistant Professors

Dr. Mohammad Adil	Ph.D. (UK)
Engr. Haleema Attaullah	M.Sc. (Pak)
Engr. Tabinda Masud	M.Sc. (Pak)
Engr. Faisal ur Rehman	M.Sc. (Pak)
Dr. Awais Ahmed	Ph.D. (Netherland)
Engr. Mansoor Khan	M.Sc. (Pak)
Engr. M. Adeel Arshad	M.Sc. (Italy)
Dr. Shahid Ullah	Ph.D. (Germany)
Dr. Qazi Samiullah	Ph.D. (France)
Dr. Muhammad Tariq Khan	Ph.D. (UK)
Dr. Muhammad Safdar	Ph.D. (Canada)

Lecturers

Dr. Alamgir Khalil	Ph.D. (Thailand)
Engr. Sikandar Hayat Sajid	M.Sc. (Pak)
Engr. Arsalaan Khan	M.Sc. (Pak)
Engr. Hizbullah Sajid	M.Sc. (Pak)
Engr. Muhammad Salman	M.Sc. (Pak)
Engr. Mudassir Iqbal	M.Sc. (Pak)
Engr. Zain ul Abidin	M.Sc. (Pak)
Dr. Muhammad Rizwan	Ph.D. (Pak)
Engr. Irfan Jamil	M.Sc. (Pak)
Engr. Manzoor Elahi	M.Sc. (Pak)
Engr. Fayyaz-ur-Rehman	M.Sc. (Pak)
Engr. Hanif Ullah	M.Sc. (Pak)
Engr. Zohaib Hassan	M.Sc. (Pak)
Engr. Sheheryar	M.Sc. (Pak)

Laboratory Engineers

Engr. Shams-ul-Khaliq	M.Sc. (Pak)
Engr. Sida Hussain	M.Sc. (Pak)
Engr. Hamna Shakeel	M.Sc. (Pak)

Department of Civil Engineering

Peshawar Campus

Introduction

The courses of study leading to the Degree of B.Sc. Civil Engineering have been planned to offer a broad spectrum of Civil Engineering subjects. The curriculum lays emphasis on subjects of structures, irrigation, geotechnical engineering, transportation engineering, environmental engineering and hydraulics. These courses include laboratory and design work.

The prescribed syllabi and examination standards compare favorably with the standards of under-graduate work developed in UK, USA and Canada.

In addition to course work, the final year students are required to work on a project under the guidance of a senior faculty member. Study tours and extension lectures are also arranged during the session for the benefit of the students.

Second or third year students during their summer break and final year students after passing the final examination in civil engineering may work with some recognized organizations, registered with PEC or government department or semi-government department to acquire practical training of 800 hours required for award of degree.

The Department of Civil Engineering offers a postgraduate Program with specialization in Structural Engineering, Water Resources Engineering, Environmental Engineering, Geotechnical Engineering, Transportation Engineering and Earthquake Engineering.

Academic Programs

- B.Sc. Civil Engineering
- M.Sc. Civil Engineering
- Ph.D. Civil Engineering

Mission

To produce civil engineers having the knowledge, skills, and professional attitude that will enable them to develop innovative, safe, economical and sustainable solutions for society.

Program Educational Objectives (PEOs)

The Civil Engineering graduates will:

PEO-1. "Exhibit flexibility and competency in bringing challenging projects to fruition by applying in depth engineering principles, analytical skills and state-of-the-art practices."

PEO-2. "Practice integrity for the amelioration of civic/communal predicaments using eco-friendly standard protocols giving due consideration to hazard mitigation and human well-being."

PEO-3. "Pursue a strategy of long-term knowledge acquisition by keeping abreast of modern computational techniques and novel tools, so as to bring about discernible change."

PEO-4. "Lead and work collaboratively, through sound communication, efficient resource management and effective public dealing, to achieve quality assurance in diverse field and office environments."

List of Laboratories

The Department of Civil Engineering is supported by well-equipped laboratories having state-of-the-art machinery and equipment. It has the following laboratories:

- Concrete Laboratory
- Hydraulics Laboratory
- Soil Mechanics Laboratory
- Highway Engineering Laboratory
- Material Testing Laboratory
- Surveying Laboratory
- Public Health Engineering Laboratory
- Postgraduate Computer Laboratory
- Structural Engineering Laboratory
- Undergraduate Computer Laboratories (02)
- Earthquake Engineering Centre

Field Visits / Industrial Visits

Field visits to Civil Engineering projects of national importance are arranged for students. Each year students and concerned faculty members visit facilities/projects having high technical stature.

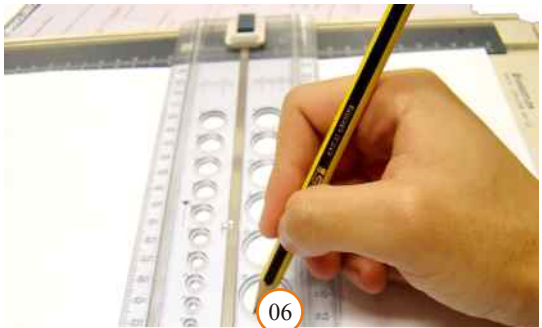
Research

The faculty is involved in need-based target oriented research projects. Some of the projects recently undertaken by faculty are related to:

- Application of Slope Stability Techniques
- Development of Attenuation Relationship for Pakistan
- Microzonation Map for Different Cities of Pakistan
- Seismic Strength Evaluation of Masonry Buildings
- Evaluation of Indigenous Pozzolanic Materials
- Insulation Properties of Porous Bricks Cavity Walls and Other Indigenous Materials.
- Shake Table Test on Reduced Scale Masonry and RC Structures.
- Advanced Composite Materials
- Bridge Assessment (Collapse Analysis)
- Earthquake Resistant Design
- Low Cost Water Filters
- Cost and Performance Optimization of Bridge Superstructures
- Use of Waste Material in Construction of new Roads
- Seismic Performance Assessment and Retro-fitting of RC frame, low strength masonry, and steel moment frames.

Survey Camp

Each year field course in surveying and leveling is arranged, for students of third year Civil Engineering for a period of three weeks for site experience. The course includes hands-on work in contouring, triangulation, fly leveling and road surveying. The survey is done with theodolites, levels and total stations. Survey plots are prepared with both manual and computer-aided drawings.



Scheme of Studies

Semester 1		Contact hours		Credit hours
Course Code	**Course Title**	**Lecture**	**Lab.**	**Total**
BSI-101	Islamic Studies	2	0	2
BSI-111	Linear Algebra	3	0	3
BSI-133	Functional English	3	0	3
EE-106L	Electrical Technology	0	3	1
ME-191	Mech. Tech. & Heavy Construction Machinery	2	0	2
CE-112	Engineering Drawing for Civil Engineers	2	3	3
CE-121	Civil Engineering Materials	2	0	2
	Total Contact Hours	14	6	20
	Total Credit Hours	14	2	16

Semester 2		Contact hours		Credit hours
Course Code	**Course Title**	**Lecture**	**Lab.**	**Total**
CE-117	Engineering Mechanics	3	3	4
BSI-231	Differential Equations	3	0	3
CE-120	Building Construction Engineering	2	0	2
BSI-122	Calculus	3	0	3
CE-107L	Computer Programing for Civil Engineers	0	3	1
CE-125	Concrete Technology	2	3	3
BSI-110	Pakistan Studies	2	0	2
	Total Contact Hours	15	9	24
	Total Credit Hours	15	3	18

Semester 3		Contact hours		Credit hours
Course Code	**Course Title**	**Lecture**	**Lab.**	**Total**
CE-225	Mechanics of Solids – I	3	3	4
CE-217	Engineering Geology & Seismology	3	0	3
CE-210	Introduction to Architecture & Urban Planning	2	0	2
CE-226	Surveying – I	2	3	3
BSI-351	Probability & Statistics	3	0	3
BSI-141	Communication and Presentation Skills	2	0	2
	Total Contact Hours	15	6	21
	Total Credit Hours	15	2	17

Semester 4		Contact hours		Credit hours
Course Code	**Course Title**	**Lecture**	**Lab.**	**Total**
BSI-242	Numerical Analysis	2	3	3
CE-215	Structural Analysis - I	3	3	4
CE-227L	Building Information Modeling (BIM)	0	3	1
CE-228	Mechanics of Solids - II	3	0	3
CE-206	Fluid Mechanics – I	3	0	3
CE-229	Surveying – II	3	3	4
	Total Contact Hours	14	12	26
	Total Credit Hours	14	4	18

Semester 5		Contact hours		Credit hours
Course Code	**Course Title**	**Lecture**	**Lab.**	**Total**
CE-310	Transportation Engineering – I	3	0	3
CE-330	Fluid Mechanics – II	3	3	4
CE-301	Structural Analysis - II	3	0	3
CE-324	Environmental Engineering – I	2	0	2
CE-318	GIS & Remote Sensing	1	3	2
CE-331	Geotechnical Engineering – I	2	3	3
CE-332L	Civil Engineering Software Application	0	3	1
	Total Contact Hours	14	12	26
	Total Credit Hours	14	4	18

Semester 6		Contact hours		Credit hours
Course Code	**Course Title**	**Lecture**	**Lab.**	**Total**
CE-311	Transportation Engineering - II	3	3	4
CE-333	Environmental Engineering - II	2	3	3
CE-303	Hydraulics	2	0	2
CE-320	Reinforced Concrete Design - I	3	0	3
CE-335	Geotechnical Engineering - II	2	3	3
BSI-120	Professional Ethics	2	0	2
	Total Contact Hours	14	9	23
	Total Credit Hours	14	3	17

Semester 7		Contact hours		Credit hours
Course Code	**Course Title**	**Lecture**	**Lab.**	**Total**
CE-430	Foundation Engineering	2	0	2
CE-412	Intro. to Str. Dynamics & Earthquake Engg.	3	0	3
CE-416	Reinforced Concrete Design - II	3	0	3
CE-431	Engineering Hydrology	3	0	3
CE-421	Quantity Surveying & Civil Engineering Practice	2	0	2
CE-411	Final Year Project	0	9	3
CE-432L	Hydraulics and Hydrology Lab	0	3	1
	Total Contact Hours	13	12	25
	Total Credit Hours	13	4	17

Semester 8		Contact hours		Credit hours
Course Code	**Course Title**	**Lecture**	**Lab.**	**Total**
CE-406	Construction Management & Engg. Economics	3	3	4
CE-409	Steel Structures	3	0	3
CE-422	Sustainable Dev. & Disaster Risk Management	2	0	2
CE-402	Irrigation Engineering	3	0	3
CE-411	Final Year Project	0	9	3
	Total Contact Hours	11	12	23
	Total Credit Hours	11	4	15

Total Credit Hours = 136
Engineering Domain = 69.9 %
Non-Engineering Domain = 30.1 %

Theory Courses = 58.5 %
Lab Courses = 41.5 %

Pre-requisites for courses

Coordinator

Prof. Dr. Amjad Naseer	Ph.D. (Pak)

Chairman

Prof. Dr. Amjad Naseer	Ph.D. (Pak)

Assistant Professors

Dr. Yasir Irfan Badrashi	Ph.D. (Pak)
Engr. Ateeq-ur-Rauf	M.Phil. (Pak)
Engr. Abdus Salam	M.Sc. (Pak)
Engr. Waheed-ur-Rehman	M.Sc. (Pak)
Engr. Akhtar Gul	M.Sc. (Pak)

Lecturers

Dr. Afeed Ullah	Ph.D. (China)
Engr. Zia-ur-Rahman	M.Sc. (Pak)
Engr. Mahmood Ahmad	M.Sc. (Pak)
Engr. Izaz Ahmad	M.Sc. (Pak)
Engr. Asim Abbas	M.Sc. (Pak)
Engr. Wisal Khan	M.Sc. (Pak)
Engr. Muhammad Asim	M.Sc. (Pak)
Engr. Wajid Ali	M.Sc. (Pak)
Engr. Muhammad Tufail	M.Sc. (Pak)
Engr. Johar Hafeez	M.Sc. (Pak)
Engr. Zahoor Ahmad	M.Sc. (Pak)
Engr. Nasim Ayub	M.Sc. (Pak)
Engr. Waqas Ahmad	B.Sc. (Pak)
Engr. Saif-ur-Rehman	B.Sc. (Pak)
Engr. Zohaib Ahmad	B.Sc. (Pak)

Laboratory Engineers

Engr. Liaqat Ali Shah	M.Sc. (Pak)
Engr. Saddam Ullah Khan	B.Sc. (Pak)
Engr. M. Junaid Iqbal	M.Sc. (Pak)

Basic Sciences Faculty

Dr. Sakhi Zaman	Ph.D. (Pak)
Mr. Mir Qadyaz	M.Phil. (Pak)
Mr. Muhammad Taufiq	M.S.(Pak)

Department of Civil Engineering

Bannu Campus

Introduction

The courses of study leading to the Degree of B.Sc. civil engineering have been planned to offer a broad spectrum of civil engineering subjects. The curriculum lays emphasis on subjects of structures, irrigation, geotechnical, transportation engineering, environmental engineering and hydraulics. These courses include laboratory and design work.

The prescribed syllabi and examination standards compare favorably with the standard of under-graduate work developed in UK, USA and Canada. In addition to course work, the final year students are required to work on a project under the guidance of senior faculty members. Study tours and extension lectures are also arranged during the session for the benefit of the students. Second year and third year students during their summer break work with some recognized organizations, registered with PEC or government department or semi-government department to acquire practical training of 800 hours for award of degree.

Academic Program

- B.Sc. Civil Engineering

Mission

To equip civil engineers by inculcating professional attitude and skills for producing safe, economical, innovative and sustainable solutions for civil infrastructure of national and international needs.

The Program Educational Objectives (PEO's)

Civil engineering program aims to produce graduates who will be able to:

PEO-1: Demonstrate their technical knowledge and skills for methodical analysis of civil engineering problems in the industry.

PEO-2: Exhibit sound moral approach and efficient inter-personal skills to achieve professional growth both as leaders and team players.

PEO-3: Strive for professional development through continual learning involving research and providing engineering solutions meeting societal needs.

List of Laboratories

- Applied Mechanics Laboratory
- Concrete Laboratory
- Environmental Laboratory
- Hydraulics Laboratory
- Material Testing Laboratory
- Soil Mechanics Laboratory
- Surveying Laboratory
- Transportation Laboratory

Field Visits / Industrial Visits

Field visits to Civil Engineering projects of national importance are arranged for students. Each year students and concerned faculty members visit facilities and projects with a high technical merit.

Internship

Students are required to complete 800 hours of internship as part of the B.Sc. degree program, which gives them a chance to explore and get hands-on training in their respective fields of interest.

Research

The department has a well-qualified and research oriented faculty, which actively participates in the department academic and research activities. Research activities in the department mainly focused on the need based projects, carried out in a variety of fields such as evaluation of sustainable pozzolanic material, uses of waste materials in construction, evaluation of low cost bricks and blocks, structural assessment of buildings and bridges, strengthening of structural systems, development of correlation for cohesive soil properties, application of GIS in field of environmental engineering, failure assessment and planning of transportation system, construction management, flood and precipitation forecast analysis using different techniques, Slope stability and foundation embankment design etc.

Placement Opportunities

There is a broad range of employment placement opportunities for Civil Engineers in public and private sector. Our graduates are working effectively in various Civil Engineering related departments, consultants/contractor firms, NGOs etc., at both national and international level and most of them holding responsible positions. Some graduates are also making career in teaching and research by pursuing advanced studies in Pakistan and abroad.

Survey Camp

Each year field course in surveying and leveling is arranged for students of third year civil engineering for a period of three weeks. The course includes practical work in Contouring, Triangulation, Fly Leveling and Plane Tabling.

Scheme of Studies

For Scheme of Studies, please refer to page No. 07

Department of

Civil Engineering

Jalozai Campus

Introduction

The courses of study leading to the Degree of B.Sc. Civil Engineering have been planned to offer a broad spectrum of civil engineering subjects. The curriculum lays emphasis on subjects of structures, irrigation, geotechnical, transportation engineering, environmental engineering and hydraulics. These courses include laboratory and design work.

The prescribed syllabi and examination standards compare favorably with the standard of under-graduate work developed in U.K, USA and Canada.

In addition to course work, the final year students are required to work on project under the guidance of senior faculty members. Study tours and extension lectures are also arranged during the session for the benefit of the students. Second year or third year students during their summer break and final year students after passing the final examination in civil engineering may work with some recognized organizations, registered with PEC or government department or semi government department to acquire practical training of 800 hours for award of degree.

Academic Program

- B.Sc. Civil Engineering

List of Laboratories

- Environmental Laboratory
- Hydraulics Laboratory
- Concrete Laboratory
- Material Testing Laboratory
- Applied Mechanics Laboratory
- Soil Mechanics Laboratory
- Transportation Laboratory
- Survey Laboratory
- Drawing Hall

Field Visits / Industrial Visits

Field visits to Civil Engineering projects of national importance are arranged for students. Each year students and concerned faculty members visit facilities and projects with a high technical merit.

Survey Camp

Each year field course in surveying and leveling is arranged for students of third year civil engineering for a period of three weeks. The course includes practical work in Contouring, Triangulation, Fly Leveling and Plane Tabling.

Scheme of Studies

For Scheme of Studies, please refer to page No. 07

Coordinator

Prof. Dr. Shahid Maqsood	Ph.D. (UK)

Chairman

Dr. Asif Khan	Ph.D. (UK)

Associate Professors

Dr. Asif Khan	Ph.D. (UK)
Dr. Sajjad Wali Khan	Ph.D. (UK)

Assistant Professors

Engr. Abdul Hamid	M.Sc. (Pak)

Lecturers

Dr. Saeed Zaman	Ph.D. (Bangkok)
Dr. Wajid Khan	Ph.D. (USA)
Dr. Muhammad Fahim	Ph.D. (USA)
Engr. Fasih Ahmad Khan	M.Sc. (Pak)
Engr. Shabir Hussain	M.Sc. (Pak)
Engr. Taimur Malik	M.Sc. (Pak)
Engr. Waqar Ahmad Khan	M.Sc. (Pak)
Engr. Waqas Ahmad Khan	M.Sc. (Pak)
Engr. Kamran Ahmad	M.Sc. (Pak)
Engr. Hazrat Amin	M.Sc. (Pak)
Engr. Muhammad Waseem	M.Sc. (Pak)

Laboratory Engineers

Engr. Faisal Pervez	M.Sc. (Pak)
Engr. Muhammad Faizan	B.Sc. (Pak)

Academic Block, Jalozai Campus

Chairman

Prof. Dr. Zia-ul-Haq	Ph.D. (UK)

Professors

Prof. Dr. Taj Ali Khan	Ph.D. (UK)
Prof. Dr. Zia-ul-Haq	Ph.D. (UK)
Prof. Dr. M. Shahzad Khan	D.Engg. (Bangkok)
Prof. Dr. Abdul Malik	Ph.D. (Pak)

Associate Professor

Dr. Muhammad Ajmal	Ph.D. (S.Korea)

Assistant Professors

Engr. Mahmood Alam Khan	M.Sc. (Pak)
Engr. Khurram Sheraz	M.Sc. (Pak)

Lecturers

Engr. Muhammad Hamed Khan	M.Sc. (Pak)
Engr. Sajjad Ahmad	M.Sc. (Pak)
Engr. Nazia Arfeen	B.Sc. (Pak)
Engr. Arshad Ali	M.Sc. (Pak)

Department of Agricultural Engineering

Peshawar Campus

Introduction

The Department of Agricultural Engineering was established in 1961 in the then College of Engineering, University of Peshawar and now it is part of UET Peshawar since 1980. This Dep-artment is the pioneer in initiating Agricultural Engineering education in the country and thus has the pride of producing the first batch of Agricultural Engineers in 1965 in Pakistan. Since then, hundreds of graduates of this department are rendering their valuable services in various national and international organizations thro-ughout the world. Our graduates have been instrumental in the development of Pakistan's economy.

Agricultural Engineering is the branch of Engineering that utilizes the engineering principles, materials and forces of nature for the benefit of agriculture and resultantly in the best interest of humanity. Agricultural Engineers are trained to creatively apply engineering and scientific principles in the design and development of new products, systems and processes for the conversion of raw materials and power sources into food, feed, and fiber while protecting the environment and workers health and safety. Agricultural Engineers offer their valuable services to design irrigation systems such as surface and high efficiency irrigation systems to utilize the precious waters to enhance agricultural productivity; design drainage systems to control the menaces of water-logging and salinity; design and develop strategies for flood management; develop soil and water conservation techniques for irrigated and rainfed areas; apply hydrology principles to predict and mitigate floods, landslides and drought risks; design farm structures for poultry, dairy, and storages for agricultural products; design dams and ponds for irrigation water supply; modify agricultural features by landscaping techniques; perform agricultural product processing, and environmental impact assessment; design new and improved farm machinery for agricultural mechanization; utilize different techniques of renewable energies to generate power for agricultural needs; apply geographic information system and remote sensing techniques to agricultural research; interpret research output, and implement relevant schemes. In general, they combine physical sciences with biological sciences and solve engineering problems related to agriculture.

Academic Programs

- B.Sc. Agricultural Engineering
- M.Sc. Agricultural Engineering
- Ph.D. Agricultural Engineering

Mission

To produce Agricultural Engineers equipped with professional knowledge, skills, and ethical values for effective socio-economical solutions to complex engineering problems.

Program Educational Objectives (PEO's)

The Program will prepare and produce graduates of Agricultural Engineering who will:

PEO-1. Be highly competent to establish themselves as practicing professionals in a broad range of career opportunities in public and private sectors at national and international level.

PEO-2. Be able to pursue advance studies and seek continuous professional development to remain competitive.

PEO-3. Become responsible citizens with high ethical and professional values and be aware of the societal and environmental issues.

List of Laboratories

The Department has the following well-equipped laboratories for practical and research work by the faculty members and students.

- Soil and Water Engineering Laboratory
- Irrigation Engineering Laboratory
- Drainage Engineering Laboratory
- Postgraduate Computer Laboratory
- Undergraduate Computer Laboratory
- GIS and RS Laboratory
- I.C. Engine Demonstration Center
- Farm Machinery Workshop

Field Visits / Industrial Visits

The Department maintains close liaison with Government Departments and private industries related to Agricultural Engineering. Field visits are arranged as per requirement of a particular course. Industrial tours are also arranged in each semester to enable the students to acquire practical knowledge and skills.

Internship

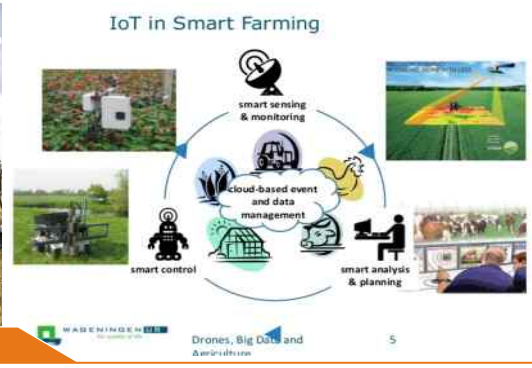
Apart from the academic activities, students are required to complete 800 hours of practical training as a requirement for the award of B.Sc. Agricultural Engineering Degree. This practical training is arranged during the summer vacations in the relevant fields of Agricultural Engineering.

Research

In addition to offering academic programs, the faculty is actively engaged in applied research at national and international levels and also providing consultancy services in the areas related to Agricultural Engineering.

Survey Camp

Each year practical training in the field of surveying and leveling is arranged for the students of 7th Semester for a period of three weeks which is mandatory for the award of degree. The students are trained in techniques like leveling, plane tabling, triangulation, contouring, road and irrigation channel surveys.



Scheme of Studies

Semester 1		Contact hours		Credit hours
Course Code	**Course Title**	**Lecture**	**Lab.**	**Total**
BSI-101	Islamic Studies	2	0	2
BSI-111	Linear Algebra	3	0	3
AE-107	Engineering Mechanics	3	3	4
AE-105	Basic Agriculture	3	0	3
AE-104L	Fundamental of Computer & Applications	0	3	1
ME-105	Engineering Drawing & Graphics	2	3	3
ME-106L	Engineering Workshops	0	3	1
	Total Contact Hours	13	12	
	Total Credit Hours	13	4	17

Semester 2		Contact hours		Credit hours
Course Code	**Course Title**	**Lecture**	**Lab.**	**Total**
BSI-110	Pakistan Studies	2	0	2
BSI-122	Calculus	3	0	3
BSI-142	English Composition & Comprehension	3	0	3
AE-101	Soil Science	3	3	4
AE-102	Engineering Materials	2	3	3
AE-106	Mechanics of Materials	2	3	3
	Total Contact Hours	15	9	
	Total Credit Hours	15	3	18

Semester 3		Contact hours		Credit hours
Course Code	**Course Title**	**Lecture**	**Lab.**	**Total**
BSI-231	Differential Equations	3	0	3
CE-226	Surveying-I	2	3	3
AE-203	Soil & Water Conservation Engineering	3	3	4
AE-204	Fluid Mechanics	3	3	4
AE-201L	Computer Programming	0	3	1
AE-209L	Computer Aided Design	0	3	1
	Total Contact Hours	11	15	
	Total Credit Hours	11	5	16

Semester 4		Contact hours		Credit hours
Course Code	**Course Title**	**Lecture**	**Lab.**	**Total**
BSI-120	Professional Ethics	2	0	2
BSI-242	Numerical Analysis	3	0	3
AE-202	Machine Design	3	0	3
AE-208	Quantity Survey and Cost Estimation	2	0	2
CE-229	Surveying-II	3	3	4
CE-331	Geotechnical Engineering-I	2	3	3
	Total Contact Hours	15	6	
	Total Credit Hours	15	2	17

Semester 5		Contact hours		Credit hours
Course Code	**Course Title**	**Lecture**	**Lab.**	**Total**
BSI-351	Probability and Statistics	3	0	3
AE-205	Engineering Economics & Management	3	0	3
AE-206	Agricultural Processing Engineering	3	0	3
AE-302	Engineering Hydrology	2	0	2
AE-303	Alternate Energy Resources	3	0	3
CE-324	Environmental Engineering-I	2	0	2
	Total Contact Hours	16	0	
	Total Credit Hours	16	0	16

Semester 6		Contact hours		Credit hours
Course Code	**Course Title**	**Lecture**	**Lab.**	**Total**
BSI-143	Communication and Presentation Skills	3	0	3
AE-301	Ground Water Hydrology	3	3	4
AE-305	Farm Irrigation Systems	3	0	3
AE-306	Farm Machinery & Earth Moving Equipment	3	3	4
CE-333	Environmental Engineering-II	2	3	3
	Total Contact Hours	14	9	
	Total Credit Hours	14	3	17

Semester 7		Contact hours		Credit hours
Course Code	**Course Title**	**Lecture**	**Lab.**	**Total**
AE-304L	GIS and Remote Sensing	0	3	1
AE-401	Farm Power	3	3	4
AE-403	Landscape Engineering	2	0	2
AE-404	Drainage Engineering	3	3	4
CE-402	Irrigation Engineering	3	0	3
AE-411	Final Year Project	0	9	3
	Total Contact Hours	11	18	
	Total Credit Hours	11	6	17

Semester 8		Contact hours		Credit hours
Course Code	**Course Title**	**Lecture**	**Lab.**	**Total**
AE-402	Open Channel Hydraulics	3	0	3
AE-406	Design of Agricultural Machinery	3	0	3
AE-407	Farm Structures	3	0	3
AE-408	On-Farm Water Management	3	3	4
AE-409	Environment and Sustainability	2	0	2
AE-411	Final Year Project	0	9	3
	Total Contact Hours	14	12	
	Total Credit Hours	14	4	18

Total Credit Hours= 136

Chairman

Prof. Dr. Akhtar Naeem Khan (TI) Ph.D.(USA)

Assistant to Dean

Dr. Nisar Mohammad	Ph.D. (Pak)

Assistant Professors

Dr. Nisar Mohammad	Ph.D. (Pak)
Dr. Salim Raza	Ph.D. (Canada)
Dr. Ishaq Ahmad	Ph.D.(Germany)
Dr. Khan Muhammad	Ph.D. (UK)

Lecturers

Engr. Saira Sherin	M.Sc. (Pak)
Engr. Talat Bilal	M.Sc. (Pak)
Engr. Zahid-ur-Rehman	M.Sc. (Pak)
Engr. Sajjad Hussain	M.Sc. (Pak)

Department of Mining Engineering

Peshawar Campus

Introduction

Mining Engineering involves estimation of mineral resource followed by techno-economic evaluations for safe and stable design, extraction and processing of valuable ore before provision of raw material of required quality to other industries. Each of these fields invite the use of state-of-the-art technologies to enable the mineral sector play its crucial role in the economic uplift of a Nation.

Academic Programs

- B.Sc. in Mining Engineering
- M.Sc. in Mining Engineering
- Ph.D. in Mining Engineering

Mission

"To produce highly qualified, well rounded mining professionals leading the mining industry for development of society through knowledge based economy and extending innovation and research competitiveness at national and international level."

Program Educational Objectives (PEO's)

Mining Engineering Department aims to produce graduates who are able to:

PEO-1: Demonstrate skills to solve problems of Mining and Mineral based industries.

PEO-2: Perform in Management and Leadership roles for Growth in Mining and Mineral industry.

PEO-3: Apply Engineering Knowledge and Skills for Development of Society.

PEO-4: Pursue Higher Studies, Demonstrating active involvement in life-long learning.

List of Laboratories

The Department is equipped with following laboratories:

- Mineral Processing Laboratory
- Surveying Laboratory
- Rock Mechanics Laboratory
- Ventilation and Safety Laboratory
- Geology Laboratory
- Computer Laboratory

Field Visits / Industrial Visits

Field visits to various Mining Engineering projects of national importance are arranged for students. Each year students and concerned faculty members visit different mining industries to expose students to current mining practices and draw students' attention towards contributing to improve various aspects of mining industries in Pakistan.

Internship

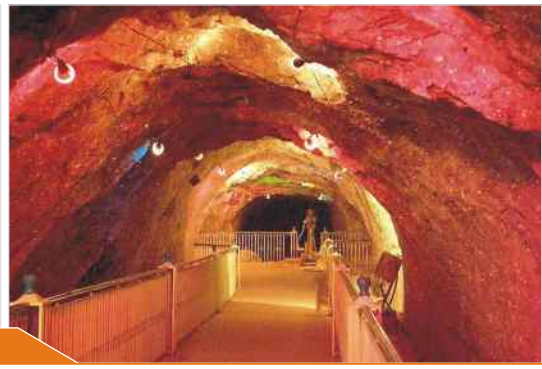
Special attention is paid to facilitate student's placement as internees during summer breaks after the 4th and 6th semesters. The department is in close liaison with the Directorate General of Mines and Minerals for arrangement of these internships in various cement industries, private mining companies including mega mining projects i.e. Saindak Copper Mining Project at Baluchistan and Thar Coal Mining Project at Sindh.

Research

Research activities are actively pursued in the Department by the Faculty members through various National and International Grants addressing a number of research problems of national and international importance. Solution to mining industry's problems is the primary focus of current research which includes the development of improved mineral resource estimation methods, mine planning and design and mineral processing techniques. Improvement of working conditions and occupational health and safety in mines is another important area of research. Students at undergraduate and postgraduate levels actively participate in these research projects under faculty supervision.

Survey Camp

Survey Camp for the students of Mining Engineering Department is arranged each year for a period of three weeks after 7th semester. The course includes hands-on work in contouring, triangulation; fly leveling, road design using total station.



Scheme of Studies

Semester 1		Contact hours		Credit hours
Course Code	**Course Title**	**Lecture**	**Lab.**	**Total**
MinE-101	Mining Engineering Fundamentals	3	0	3
MinE-101L	Mining Engineering Fundamentals (Lab)	0	3	1
BSI-116	Applied Chemistry	3	0	3
BSI-116L	Applied Chemistry (Lab)	0	3	1
BSI-111	Linear Algebra	3	0	3
BSI-142	English Composition & Comprehension	3	0	3
BSI-101	Islamic Studies	2	0	2
BSI-110	Pakistan Studies	2	0	2
	Total Contact Hours	16	6	
	Total Credit Hours	16	2	18

Semester 2		Contact hours		Credit hours
Course Code	**Course Title**	**Lecture**	**Lab.**	**Total**
MinE-104	General Geology	3	0	2
BSI-162	Engineering Mechanics	3	0	3
BSI-162L	Engineering Mechanics Lab	0	3	1
BSI-122	Calculus	3	0	3
ME-104	Engineering Drawing & CAD	3	0	2
ME-104L	CAD Lab	0	3	1
EE-209	Applied Electricity	3	0	3
ME-107L	Engineering Workshop Lab	0	3	1
	Total Contact Hours	15	9	
	Total Credit Hours	13	3	16

Semester 3		Contact hours		Credit hours
Course Code	**Course Title**	**Lecture**	**Lab.**	**Total**
MinE-201	Principles of Explosive Engineering	3	0	3
MinE-211	Mineralogy & Petrology	3	0	2
MinE-106L	Computer Applications Lab	0	3	1
BSI-231	Differential Equations	3	0	3
CE-104	Mechanics of Solids -I	3	0	3
CE-104L	Mechanics of Solids -I Lab	0	3	1
CE-206	Fluid Mechanics-I	3	0	3
CE-206L	Fluid Mechanics-I Lab	0	3	1
	Total Contact Hours	15	9	
	Total Credit Hours	14	3	17

Semester 4		Contact hours		Credit hours
Course Code	**Course Title**	**Lecture**	**Lab.**	**Total**
MinE-215	Utilization of Industrial Minerals	3	0	2
MinE-304	Rock Mechanics	3	0	3
MinE-206L	Geology Lab	0	3	1
BSI-242	Numerical Analysis	3	0	3
BSI-351	Probability & Statistics	3	0	3
ME-209	Applied Thermodynamics	3	0	3
ME-209L	Applied Thermodynamics Lab	0	3	1
BSI-221L	Computer Programming Lab	0	3	1
	Total Contact Hours	15	9	
	Total Credit Hours	14	3	17

Semester 5		Contact hours		Credit hours
Course Code	**Course Title**	**Lecture**	**Lab.**	**Total**
MinE-204	Structural Geology	3	0	2
MinE-204L	Structural Geology Lab	0	3	1
MinE-301	Surface Mine Design	3	0	3
MinE-302	Underground Mine Design	3	0	3
MinE-300L	Mine Design Lab	0	3	1
MinE-303	Mine Surveying-I	3	0	3
MinE-303L	Mine Surveying-I Lab	0	3	1
MinE-311	Geostatistical Ore Reserve Estimation	3	0	3
MinE-311L	Geostatistical Ore Reserve Estimation Lab	0	3	1
	Total Contact Hours	15	12	
	Total Credit Hours	14	4	18

Semester 6		Contact hours		Credit hours
Course Code	**Course Title**	**Lecture**	**Lab.**	**Total**
MinE-306	Mine Economics & Management	3	0	3
MinE-307	Mine Surveying-II	3	0	3
MinE-307L	Mine Surveying-II Lab	0	3	1
MinE-312	Coal Technology	3	0	3
MinE-404	Mineral Processing-I	3	0	3
MinE-404L	Mineral Processing-I Lab	0	3	1
UET	Free Elective**	3	0	3
BSI-102	Professional Ethics	3	0	2
	Total Contact Hours	18	6	
	Total Credit Hours	17	2	19

Semester 7		Contact hours		Credit hours
Course Code	**Course Title**	**Lecture**	**Lab.**	**Total**
MinE-401	Strata Control	3	0	3
MinE-415L	Strata Control and Rock Mechanics Lab	0	3	1
MinE-403	Mine Power Drainage & Material Handling	3	0	2
MinE-410	Mineral Processing-II	3	0	3
MinE-410L	Mineral Processing-II Lab	0	3	1
MinE-409	Mine Ventilation	3	0	3
MinE-407L	Final Year Project	0	9	3
MinE-32X*	Departmental Elective-I*	3	0	3
	Total Contact Hours	15	15	
	Total Credit Hours	14	5	19

Semester 8		Contact hours		Credit hours
Course Code	**Course Title**	**Lecture**	**Lab.**	**Total**
MinE-405	Technical Report Writing	3	0	3
MinE-407L	Final Year Project	0	9	3
MinE-408	Mine Rescue & Safety	3	0	3
MinE-413	Mining Laws	3	0	2
MinE-414L	Mine Rescue Safety & Ventilation Lab	0	3	1
MinE-42x*	Departmental Elective-II***	3	0	3
	First Aid Certification****			
	Total Contact Hours	12	12	
	Total Credit Hours	11	4	15

Total Credit Hours = 139

* MinE-321 Drilling Technology, MinE-322 Extractive Mteallurgy, MinE-323 Cement Technology

** Free Elective: any course from UET

*** MinE-421 System Analysis, MinE-422 Mechanical Mining Techniques, MinE-423 Gems & Gemology, MinE-424 Stone Engineering

**** The students have to complete First Aid Course as a requirement for award of B.Sc Mining Engineering Degree.

FACULTY OF
ELECTRICAL AND COMPUTER ENGINEERING

MESSAGE FROM DEAN

It is my honor to welcome you to the Faculty of Electrical and Computer Engineering (FECE). At FECE, we offer cutting edge education and research in the fields of Electrical/Electronics Engineering, Computer Engineering, and Computer Science/IT. All our academic programs are designed to equip the youth with the requisite knowledge and latest technologies to fulfill the industry's demands, and are accredited from Pakistan Engineering Council (PEC), Higher Education Commission (HEC), and National Computer Education Accreditation Council (NCEAC). The Faculty is spread over five campuses including the Main Campus at Peshawar, the satellite campus at Jalozai and the remote campuses at Abbottabad, Bannu and Kohat.

We focus on achieving excellence in education and research with a continuous learning process, extensive practical training and tackling problems of real-world complexity to create a long-term impact in the areas of computing, communication, and information processing technologies. We are hosting four state-of-the-art national laboratories under the National Centers of Artificial Intelligence, Cyber Security, and Big Data/Cloud Computing where practical solutions/products are developed for the problems of national importance via applied research.

Our goal is to develop the faculty into an icon of excellence in the country and worldwide. The faculty members at FECE are highly qualified with remarkable accomplishments in research projects/publications and are committed to provide quality education and skills to students. They are actively engaged in interdisciplinary applied research projects with industrial collaboration in various areas including Network Technologies, Smart Grids, Intelligent Transportation Systems, Secure Software Designs, Remote Sensing, etc. We have produced the best alumni of the University who are serving at various reputed national and international organizations and serving the country with their acquired knowledge and engineering skills.

I whole heartedly invite you to join FECE and assure you a pleasant stay and an excellent career ahead.

Prof. Dr. Syed Waqar Shah
Dean, Faculty of Electrical and
Computer Engineering

Mission Statement

To produce dynamic electrical and computer engineers/scientists of the highest standards capable of designing solutions for scientific problems and meeting demands of 21st century market place having excellent domain knowledge, skills, and professional ethical values in order to contribute to the socio-economic development of the country.

Chairman

Prof. Dr. Syed Waqar Shah	Ph.D. (UK)

Professors

Prof. Dr. Syed Waqar Shah	Ph.D. (UK)
Prof. Dr. M. Inayatullah Khan Babar	Ph.D. (USA)
Prof. Dr. Haseeb Zafar	Ph.D. (UK)
Prof. Dr. Amjad Ullah	Ph.D. (Pak)

Associate Professors

Dr. Tariqullah Jan	Ph.D. (UK)
Dr. Gul Muhammad Khan	Ph.D. (UK)
Dr. Gulzar Ahmad	Ph.D. (Pak)

Assistant Professors

Dr. S. M. Majid Ashraf	Ph.D. (Pak)
Dr. M. Iftikhar Khan	Ph.D. (Pak)
Dr. Siddique Ali	Ph.D. (UK)
Dr. Shahid Bashir	Ph.D. (UK)

Lecturers

Dr. Muhammad Amir	Ph.D. (Pak)
Dr. Faheem Ali	Ph.D. (Pak)
Engr. Asiya Jahangir	M.Sc. (Pak)
Engr. Seema Mir Akbar	M.Sc. (Pak)
Engr. Salman Ilahi	M.Sc. (Pak)
Engr. Bilal-ur-Rehman	M.Sc. (Pak)
Engr. Hina Zahir	M.Sc. (Pak)
Engr. M. Usman Ali Khan	M.Sc. (Pak)
Engr. S.M. Faheem	M.Sc. (Sweden)
Engr. Muhammad Farooq	M.Sc. (Pak)
Engr. M. Kashif Khan	M.Sc. (Pak)
Engr. M. Nasar Jamal	M.Sc. (Pak)
Engr. Ruhul Amin Khalil	M.Sc. (Pak)
Engr. Waseem Habib	M.Sc. (Pak)
Engr. Ammar Ahmad	M.Sc. (Pak)
Engr. Kifayat Ullah	M.Sc. (Pak)

Laboratory Engineers

Engr. Seemab Gul	M.Sc. (Pak)
Engr. Babar Abbas	M.Sc. (Pak)
Engr. Shams-un-Nihar	M.Sc. (Pak)

Department of Electrical Engineering

Peshawar Campus

Introduction

The Department of Electrical Engineering was established in 1952 as part of the Faculty of Engineering. Ever since its inception the Department has provided cutting edge education to the people of this province, and its alumni are working at prestigious positions in various national and international organizations. The Department has expanded its academic activities and offers a rich menu of academic programs at various levels. Currently the Department is offering academic programs in two main streams of Electrical Engineering, Communications and Power Engineering.

The thrust of the Department is to prepare young Engineers who are fluent with the state of the art in the field of Electrical Engineering. The academic program is designed to build a strong foundation in the fundamentals of Electrical Engineering alongwith specialized courses to cover the breadth of the ever expanding realm of Electrical Engineering. The faculty of the Department is highly qualified and is involved in active research, both locally and in collaboration with national and international research organizations. We are committed to transforming our students into leaders in innovation and technology who can manage and shape the industry and businesses of today and tomorrow.

Academic Programs (Power & Communication Streams)

- B.Sc. Electrical Engineering
- M.Sc. Electrical Engineering
- Ph.D. Electrical Engineering

The Department offers a rigorous four year degree Program, based on applied mathematics, electronics (analog and digital) and Communications along with Power Engineering subjects. The broad based theoretical analysis is backed by hectic practice sessions in well-equipped labs. Presently the Department has two disciplines, one is Electrical Communication Engineering and the other is Electrical Power Engineering.

At postgraduate level, the Department offers M.Sc. and Ph.D. Programs both in Communication and Electrical Power Engineering. The areas of active research include Biomedical Engineering, Electronic Devices and Materials, Intelligent Systems, Microelectronics and Computer Systems, Nano-engineering, Photonics Systems, Power Systems Engineering, Artificial Intelligence, Systems and Control, Telecommunica-tions and Signal processing. This gives graduates an unparallel advantage in both technical skills and intellectual faculty to become leaders in overcoming the challenges of modern technological advancements.

Mission

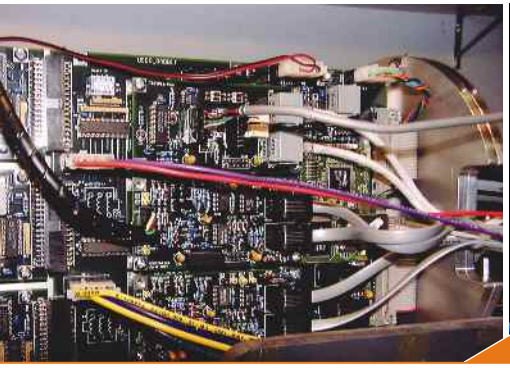
To produce quality professional engineers with abilities to design, manage and operate electronics based telecommunica-tions, processing, electrical, and biomedical and control systems.

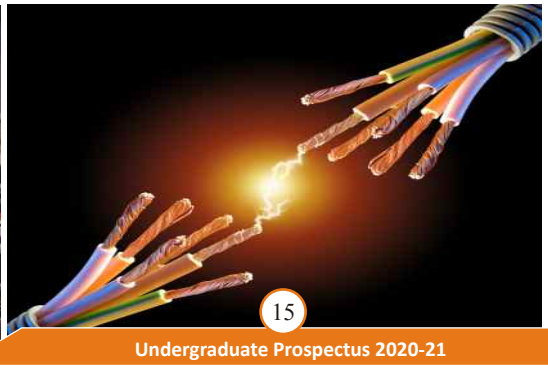
Program Educational Objectives (PEO's)

PEO-1. The graduate will serve competently in national and international industry or academia by showing requisite knowledge and skills in the field of Electrical Engineering.

PEO-2. The graduate will exhibit quest for learning and initiative through elevation in education or growth in professional status.

PEO-3. The graduate will demonstrate commitment of ethical practices, community service and societal contribution.





List of Laboratories

The Department has well-equipped laboratories in the following areas:

- High Voltage Laboratory
- Electronics Laboratory
- Power Systems Laboratory
- Machines Laboratory
- Control Systems Laboratory
- Measurement and Instrumentation Laboratory
- Microprocessor & Digital Electronics Laboratory
- Communications & EMW Laboratory
- Faculty Computer Laboratory
- Computer Laboratory

Field Visits / Industrial Visits

Visits to various industries and research organizations are a part of education and training of graduate engineers. These visits are arranged for students to provide them with a window of opportunity through which they get a chance to peek at actual engineering at work.

Internship

The undergraduate students do the internship for 800 hours in various relevant public sector as well as private sector organizations. There is a departmental Industrial Liaison Committee to facilitate the students in this regard.

Research

The faculty and the students are actively involved in the research in various areas including Network Technologies, Smart Grids, Artificial Intelligence, Antenna Design, Remote Sensing, etc.

Placement Opportunities

The placement opportunities for Electrical Engineering graduates are available in WAPDA, PTCL, Telecommunication Sectors, SNGPL, PTV, Radio Pakistan, Pakistan Atomic Energy Commission, Pakistan Railways, Pak Forces, Private Industries, etc.

Scheme of Studies

Semester 1		Contact hours		Credit hours
Course Code	**Course Title**	**Lecture**	**Lab.**	**Total**
BSI-122	Calculus	3	0	3
BSI-151	Electricity and Magnetism	3	3	4
ME-100	Engineering Drawing	0	3	1
EE-121	Computer Fundamental	2	3	3
BSI-101	Islamic Studies	2	0	2
BSI-120	Professional Ethics	2	0	2
BSI-142	English Composition & Comprehension	3	0	3
	Total Contact Hours	15	9	
	Total Credit Hours	15	3	18

Semester 2		Contact hours		Credit hours
Course Code	**Course Title**	**Lecture**	**Lab.**	**Total**
BSI-111	Linear Algebra	3	0	3
EE-156	Basic Electrical Engineering	3	3	4
EE-170	Computer Programming	3	3	4
BSI-162	Engineering Mechanics	3	0	3
EE-157	Workshop Technology	0	3	1
BSI-110	Pakistan Studies	2	0	2
	Total Contact Hours	14	9	
	Total Credit Hours	14	3	17

Semester 3		Contact hours		Credit hours
Course Code	**Course Title**	**Lecture**	**Lab.**	**Total**
BSI-231	Differential Equations	3	0	3
EE-225	Digital Logic Design	3	3	4
EE-200	Circuit Analysis-I	3	3	4
EE-271	Oops and Data Structures	2	3	3
BSI-143	Communication & Presentation Skills	3	0	3
	Total Contact Hours	14	9	
	Total Credit Hours	14	3	17

Semester 4		Contact hours		Credit hours
Course Code	**Course Title**	**Lecture**	**Lab.**	**Total**
EE-202	Probability & Random Variables	3	0	3
EE-326	Microprocessor & Microcontroller Based System Design	3	3	4
EE-201	Circuit Analysis-II	3	3	4
BSI-242	Numerical Analysis	3	0	3
EE-345	Electronic Devices & Circuits	3	3	4
	Total Contact Hours	15	9	
	Total Credit Hours	15	3	18

Semester 5		Contact hours		Credit hours
Course Code	**Course Title**	**Lecture**	**Lab.**	**Total**
EE-336	Electrical Measurement & Instrumentation	3	3	4
EE-363	Electromagnetic Field Theory	3	0	3
EE-497	Electronic Circuits - II (Breadth Core-II)	3	3	4
EE-287	Engineering Economics	3	0	3
BSI-362	Complex Variables & Transforms	3	0	3
	Total Contact Hours	15	6	
	Total Credit Hours	15	2	17

Semester 6		Contact hours		Credit hours
Course Code	**Course Title**	**Lecture**	**Lab.**	**Total**
EE-312	Signals & Systems	3	3	4
EE-286	Technical Report Writing	3	0	3
CSE-303	Data Communication	3	3	4
EE-388	Engineering Management	2	0	2
EE-391	Communication Systems	3	3	4
	Total Contact Hours	14	9	
	Total Credit Hours	14	3	17

Semester 7		Contact hours		Credit hours
Course Code	**Course Title**	**Lecture**	**Lab.**	**Total**
EE-496	Computer Communication Networks	3	3	4
EE-4XX	Elective-I	3	3	4
EE-478A	Final Year Project	0	9	3
EE-440	Electrical Machines	3	3	4
	Total Contact Hours	9	18	
	Total Credit Hours	9	6	15

Semester 8		Contact hours		Credit hours
Course Code	**Course Title**	**Lecture**	**Lab.**	**Total**
EE-481	Control Systems	3	3	4
EE-4XX	Elective - II	3	3	4
EE-4XX	Elective - III	3	0	3
EE-4XX	Elective - IV	3	0	3
EE-478B	Final Year Project	0	9	3
	Total Contact Hours	12	15	
	Total Credit Hours	12	5	17

Total Credit Hours = 136

Scheme of Studies

Semester 1		Contact hours		Credit hours
Course Code	**Course Title**	**Lecture**	**Lab.**	**Total**
BSI-122	Calculus	3	0	3
BSI-151	Electricity & Magnetism	3	3	4
ME-100	Electrical Engineering Drawing	0	3	1
EE-121	Computer Fundamentals	2	3	3
BSI-101	Islamic Studies	2	0	2
BSI-120	Professional Ethics	2	0	2
BSI-142	English Composition and Comprehension	3	0	3
	Total Contact Hours	15	9	
	Total Credit Hours	15	3	18

Semester 2		Contact hours		Credit hours
Course Code	**Course Title**	**Lecture**	**Lab.**	**Total**
BSI-111	Linear Algebra	3	0	3
EE-156	Basic Electrical Engineering	3	3	4
EE-170	Computer Programming	3	3	4
BSI-162	Engineering Mechanics	3	0	3
EE-157	Workshop Technology	0	3	1
BSI-110	Pakistan Studies	2	0	2
	Total Contact Hours	14	9	
	Total Credit Hours	14	3	17

Semester 3		Contact hours		Credit hours
Course Code	**Course Title**	**Lecture**	**Lab.**	**Total**
BSI-231	Differential Equations	3	0	3
EE-225	Digital Logic Design	3	3	4
EE-200	Circuits Analysis-I	3	3	4
ME-211	Applied Thermodynamics	3	0	3
BSI-243	Communication & Presentation Skills	3	0	3
	Total Contact Hours	15	6	
	Total Credit Hours	15	2	17

Semester 4		Contact hours		Credit hours
Course Code	**Course Title**	**Lecture**	**Lab.**	**Total**
EE-202	Probability & Random Variables	3	0	3
EE-326	Microprocessor & Microcontroller Based System Design	3	3	4
EE-201	Circuit Analysis-II	3	3	4
BSI-242	Numerical Analysis	3	0	3
EE-345	Electronic Devices & Circuits	3	3	4
	Total Contact Hours	15	9	
	Total Credit Hours	15	3	18

Semester 5		Contact hours		Credit hours
Course Code	**Course Title**	**Lecture**	**Lab.**	**Total**
EE-336	Electrical Measurements & Instrumentations	3	3	4
EE-363	Electromagnetic Field Theory	3	0	3
EE-497	Electronic Circuits-II	3	3	4
EE-287	Engineering Economics	3	0	3
BSI-362	Complex Variables & Transforms	3	0	3
	Total Contact Hours	15	6	
	Total Credit Hours	15	2	17

Semester 6		Contact hours		Credit hours
Course Code	**Course Title**	**Lecture**	**Lab.**	**Total**
EE-312	Signals & Systems	3	3	4
EE-286	Technical Report Writing	3	0	3
EE-391	Communication Systems	3	3	4
EE-388	Engineering Management	2	0	2
EE-3XX	Elective-I	3	0	3
	Total Contact Hours	14	6	
	Total Credit Hours	14	2	16

Semester 7		Contact hours		Credit hours
Course Code	**Course Title**	**Lecture**	**Lab.**	**Total**
EE-3XX	Elective-II	3	0	3
EE-4XX	Elective-III	3	3	4
EE-4XX	Elective-IV	3	3	4
EE-478A	Final Year Project	0	9	3
EE-440	Electrical Machines	3	3	4
	Total Contact Hours	12	18	
	Total Credit Hours	12	6	18

Semester 8		Contact hours		Credit hours
Course Code	**Course Title**	**Lecture**	**Lab.**	**Total**
EE-481	Control Systems	3	3	4
EE-401	Power Transmission & Distribution	3	0	3
EE-4XX	Elective-V	3	3	4
EE-478B	Final Year Project	0	9	3
CE-230	Hydraulics & Hydraulics Machinery	3	0	3
	Total Contact Hours	12	15	
	Total Credit Hours	12	5	17

Department of

Electrical Engineering

Bannu Campus

Introduction

Department of Electrical Engineering, UET Bannu Campus became operational in May 2002.The department was established to increase access to professional education in the field of Electrical Engineering for the people of southern K.P.K.The mission of the department is to augment the modern education expected of all UET undergraduates, to impart a basic understanding of electrical engineering build on a foundation of physical sciences, mathematics, computing and technology, and to provide the majors in the department with the knowledge of electrical engineering principles along with the required supporting knowledge of mathematics, physics, computing and engineering fundamentals. The students are provided with an educational foundation that prepares them for leadership roles along diverse career paths in the fields concerned with Electronics, Communications, Energy & Power Systems, and Industrial Control. Presently more than 50 undergraduate students are enrolled annually. The department has produced more than 600 graduate students so far.

The growing utilization of the Electrical appliances is a decisive prerequisite for a rapid development of industry. Keeping this in view, Electrical Engineering department at Bannu Campus focuses on establishing the foundation needed to support the study and practice of Electrical Engineering with emphasis on the graduate level. Outcome objectives from the undergraduate Electrical Engineering include:

- Formulate problem in Electrical Engineering from real life situations
- An ability to use the techniques, skills, and modern engineering tools necessary for engineering practice.
- Conceptualize the output of Electrical Engineering problems
- Perform rudimentary analysis in Electrical Engineering etc.
- Graduates will apply their electrical engineering skills to a variety of challenges in industry, academia, or in the pursuit of other fields.
- Graduates will attain careers in which they become leaders in their chosen fields, work in multidisciplinary teams, make decisions that are socially responsible, and communicate effectively.
- Graduates will continuously learn new concepts, identify new directions, and adapt in response to the needs of a rapidly changing world.

Academic Program

- B.Sc. Electrical Engineering (Communication)

Mission

To produce competent electrical engineers who can efficiently fulfill professional responsibilities in industrial, academic and research organizations.

Program Educational Objectives (PEO's)

The Program Educational Objectives (PEO's) were formulated in consultation with all stakeholders includes faculty, members of the Program Industry Advisory Committee (PIAC).

Electrical Engineering program at the university of Engineering and Technology Peshawar, Bannu Campus aims to produce graduates who are expected to possess the following capabilities four years after graduation:

PEO-1. The graduates will serve competently in national and international industry or academia by showing requisite knowledge and skills in the field of Electrical Engineering.

PEO-2. The graduates will exhibit quest for learning and professional growth through inter personal and management skills.

PEO-3. The graduates will demonstrate commitment to ethical practices, community service and societal contribution.

List of Laboratories

The Electrical Engineering Department has following ten well equipped laboratories:

- Computer Laboratories with high speed internet facility
- Measurement Laboratory
- Basic Electrical Engineering Laboratory
- Electronics Laboratory
- Electrical Machines Laboratory
- Workshop
- Digital Logic Design Laboratory
- Control System Laboratory
- Communication Laboratory

Field Visits / Industrial Visits

Visits to various industries and research organizations are apart of education and training of graduate engineers. Thesevisits are arranged for students to provide them with apeek at actual engineering at work.

Internship

The undergraduate students do the internship for 800 hours in various relevant public sector as well as private sector organizations. There is a departmental Industrial Liaison office to facilitate the students in this regard.

Research

The faculty and the students are actively involved in the research in various areas including Network Technologies, Smart Grids, Artificial Intelligence, Antenna Design, Remote Sensing, Control System etc.

Placement Opportunities

The placement opportunities for Electrical Engineering graduates are available in WAPDA, PTCL, Telecommunication Sectors, SNGPL, PTV, Radio Pakistan, Pakistan Atomic Energy Commission, Pakistan Railways, Pak Forces, Private Industries, etc.

Scheme of Studies

For Scheme of Studies, please refer to page No. 17

Coordinator

Prof. Dr. Amjad Naseer	Ph.D. (Pak)

Chairman

Dr. Naeem Khan	Ph.D. (Uk)

Associate Professor

Dr. Naeem Khan	Ph.D (UK)

Assistant Professors

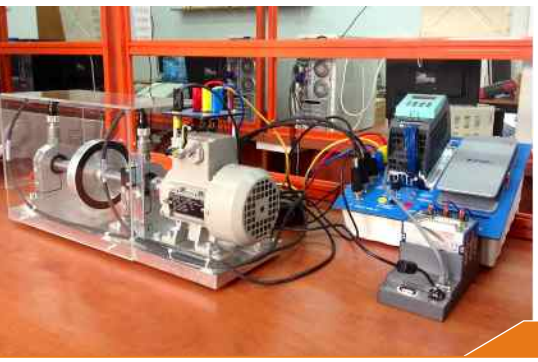
Dr. M. Naeem Khan	Ph.D. (Pak)
Dr. Ibrar Ullah	Ph.D. (Pak)
Engr. Bilal Pirzada	M.Sc. (Pak)
Engr. Shafaat Ullah	M.Sc. (Pak)

Lecturers

Engr. Aamir Rashid	M.Sc. (Pak)
Engr. Fawad Ahmad	M.Sc. (Pak)
Engr. Asad Riaz	M.Sc. (Pak)
Engr. Salman Atif	M.Sc. (Pak)
Engr. Wasi Ullah	M.Sc. (Pak)
Engr. Muhammad Riaz	M.Sc. (Pak)
Engr. Yaqoob Ali	M.Sc. (Pak)
Engr. M. Suleman Khan	M.Sc. (Pak)
Engr. Ishtiaq Ahmad	M.Sc. (Pak)
Engr. Waleed Shahjehan	M.Sc. (Pak)

Laboratory Engineer

Engr. Irshad Hussain	M.Sc (Pak



Coordinator

Prof. Dr. Shahid Maqsood	Ph.D. (UK)

Chairman

Dr. Amjad Ali	Ph.D. (China)

Associate Professor

Dr. Amjad Ali	Ph.D. (China)

Assistant Professors

Dr. Akhtar Nawaz Khan	Ph.D. (Thailand)
Dr. M. Salman Khan	Ph.D. (UK)
Dr. Syed Fahad Yunas	Ph.D. (Finland)
Dr. Uzair Gilani	Ph.D. (USA)
Dr. Zawar Hussain Khan	Ph.D. (Canada)
Dr. Abid Ullah	Ph.D. (USA)
Dr. Zaka Ullah Zahid	Ph.D. (USA)
Dr. Abu Bakr Siddique	Ph.D. (UK)
Dr. Abid Siddique	Ph.D. (USA)
Dr. Sadiq Ali	Ph.D. (Spain)
Dr. Waqas Ahmed Imtiaz	Ph.D. (Pak)
Dr. Abid Iqbal	Ph.D. (Australia)
Dr. Malik Umar Sharif	Ph.D. (USA)

Lecturers

Engr. Najvia	M.Sc. (Pak)
Engr. Irfan Ahmed	M.Sc. (Pak)

Department of

Electrical Engineering

Jalozai Campus

Introduction

Electrical Engineering Program at Jalozai Campus is designed to prepare the students for career in industry and business by providing them with thorough foundation of the fundamental concepts at undergraduate level while students learn specialized tools about the contemporary electrical engineering during their postgraduate studies. The faculty is dedicated to continue innovation through its Program of academic interaction with the industry and research activities.

Academic Program

- B.Sc. Electrical Engineering (Communication)

List of Laboratories

- Computer Laboratory
- Electronicss Laboratory
- Digital Electronicss Laboratory
- Electrical Machines Laboratory
- Microcontroller Laboratory
- Control Systems Laboratory
- Electrical Engineering Workshop Laboratory
- Analog, Digital and Fiber Optic Communication Lab
- Instrumentation and Measurement Laboratory

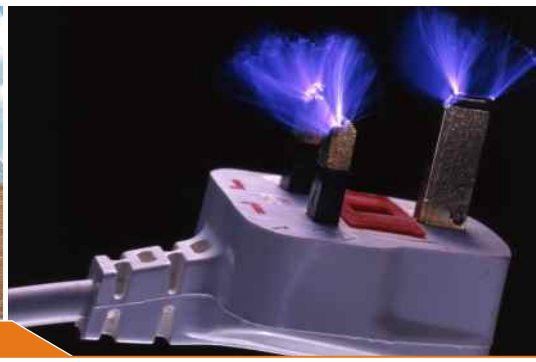
Field Visits / Industrial Visits

Visits to various industries and research organizations are a part of education and training of graduate engineers. These visits are arranged for students to provide them with a window of opportunity through which they get a chance to see actual engineering at work.

Scheme of Studies

For Scheme of Studies, please refer to page No. 17

Academic Block, Jalozai Campus



Department of

Electrical Engineering

Kohat Campus

Introduction

The Department of Electrical Engineering at Kohat Campus is aimed to prepare young Engineers who are fluent with state of the art knowledge in the field of Electrical Engineering. The academic program is designed to build a strong foundation in the fundamentals of Electrical Engineering alongwith specialized courses to cover the breadth of the ever expanding realm of Electrical Engineering in the field of comm-unication stream.

The faculty of the Department is highly qualified and is involved in active research, both locally and in collaboration with national and international research organizations. We are committed to transform our students into leaders in innovation and technology who can manage and shape the industry and businesses of today and tomorrow.

Academic Program

- B.Sc. Electrical Engineering (Communication)

Mission

To produce quality professional engineers with abilities to design, manage and operate Electronicss based telecommunications, processing, electrical, and biomedical and control systems.

Program Educational Objectives (PEO's)

The graduates of the program of Bachelors of Electrical Engineering will be equipped with skills to demonstrate an understanding of key technologies applicable within the main areas of Electrical and Electronics Engineering. The main objectives of this program are to produce engineers with:

PEO-1: The graduates will serve competently in national and international industry or academia by showing requisite knowledge and skills in the field of Electrical Engineering

PEO-2: The graduates will exhibit quest for learning and initiative through elevation in education or growth in professional status.

PEO-3: The graduates will demonstrate commitment to ethical practices, community service and societal contribution.

List of Laboratories

The department has well-equipped laboratories in the following areas:

- Electronicss Laboratory
- Electrical Measurement and Instrumentation Laboratory
- Machine Laboratory
- Digital Logic Design Laboratory
- Microprocessor Based System Design Laboratory
- Communication Systems Laboratory
- Workshop Technology Laboratory
- Computer Laboratory
- Control System Laboratory
- DSP & FPGA Laboratory

Scheme of Studies

For Scheme of Studies, please refer to page No. 17

There is no hostel facility available at Kohat Campus.

Coordinator

Dr. M. Irfan Khattak	Ph.D. (UK)

Chairman

Dr. Yousaf Khan	Ph.D. (China)

Associate Professors

Dr. M. Irfan Khattak	Ph.D. (UK)
Dr. Yousaf Khan	Ph.D. (China)

Assistant Professors

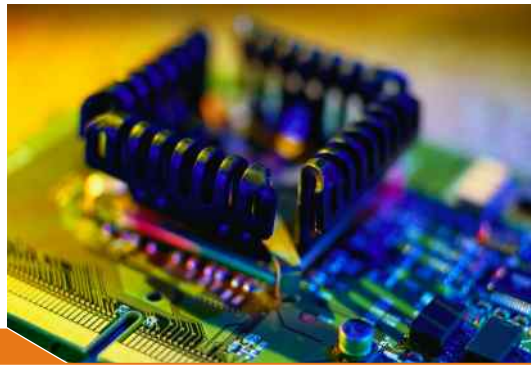
Engr. Nadeem Ahmad	M.Sc. (China)
Engr. Iftikhar Ahmad Afridi	M.Sc. (UK)

Lecturers

Engr. Atif Jan	M.Sc. (Pak)
Engr. Fazal-e-Wahab	M.Sc. (Pak)
Engr. M. Ismail Afridi	M.Sc. (Pak)
Engr. Muhammad Farhan	M.Sc. (Pak)
Engr. Zahid Zaman	M.Sc. (Pak)
Engr. Muhammad Rizwan	M.Sc. (Pak)
Engr. Irshad Ullah	M.Sc. (Pak)
Engr. Abdul Basit	M.Sc. (Pak)

Laboratory Engineers

Engr. Sara Islam	M.Sc. (Pak)
Engr. Irshad Khan	M.Sc. (Pak)
Engr. Muhammad Anab	B.Sc. (Pak)
Engr. Mushtaq A. Khan Khattak	B.Sc. (Pak)
Engr. Waqar Hussain	B.Sc. (Pak)



Coordinator

Ar. Shahid Mansoor Khan	MS (URP) Pesh PGD (Lhr) Arch PGD (Env. Design)

Chairman

Prof. Dr. Syed Riaz-ul-Hassnain	Ph.D. (Pak)

Professor

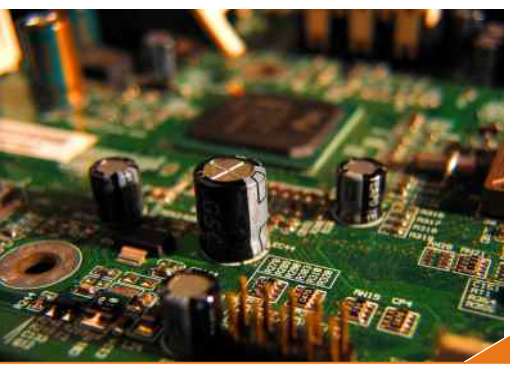
Prof. Dr. Syed Riaz-ul-Hassnain	Ph.D. (Pak)

Assistant Professors

Engr. Wajid Mehmood	M.Sc. (Germany)
Dr. Adam Khan	Ph.D. (Pak)
Engr. M. Fayyaz Khan	M.Sc. (Pak)
Dr. Uzma Nawaz	Ph.D. (Pak)
Dr. Anees Ullah	Ph.D. (Italy)

Lecturers

Dr. Haider Zaman	Ph.D. (China)
Engr. Sania Syed	M.Sc. (Pak)
Engr. Muhammad Hanif	M.Sc. (Pak)
Engr. Asma Israr	B.Sc. (Pak)
Engr. Yasir Malik	M.Sc. (Pak & Glasgow, UK)
Engr. Munaza Razzaq	M.Sc. (Pak)
Engr. Afshan Ishaq	B.Sc. (Pak)
Engr. Mehmoona Gul	M.Sc. (Pak)
Engr. Quratulain	M.Sc. (Pak)



Department of Electronics Engineering

Abbottabad Campus

Introduction

The Department of Electronics Engineering is functioning in the main building of Abbottabad Campus, which is located in the heart of city surrounded by lush green lawns and tall trees. At the back ground, there is beautiful Mountainous view adding more grandeur to the campus.

Electronics Engineering is one of the fast growing disciplines having its applications in almost every field which include high speed data communication, automatic power system control devices, aerospace technology, computer hardware, industrial automation, robotic etc. Today's fast growing cellular technology depends on Electronics Engineering.

Keeping in view the importance of the subject, the University of Engineering & Technology started the Program at its Abbottabad campus from fall semester 2004, treating it as specialized discipline not being offered at other campuses of the University. Uptill now six batches have graduated from this campus duly accredited by the Pakistan Engineering Council.

The board of studies of the department has been constituted to revise and update the courses in order to coupe with modern trends in this important engineering discipline. While designing the courses the main emphasis is on concept building so that the graduate engineers are able to co-relate the theoretical knowledge in order to solve the practical problems in the field of Electronics engineering. Besides academic activities the department encourages extracurricular activities like sports competition, debates, music concerts etc.

The department regularly organizes seminars and extension lectures for the benefit of the students and faculty. In view of the importance of the subject, the department is planning to establish links with the related industry.

Academic Program

- B.Sc. Electronics Engineering

Program Educational Objectives (PEO's)

PEO-1: Contribute in research, design and work in challenging environment

PEO-2: Analyze and solve complex engineering problems by applying fundamental knowledge of mathematics and science

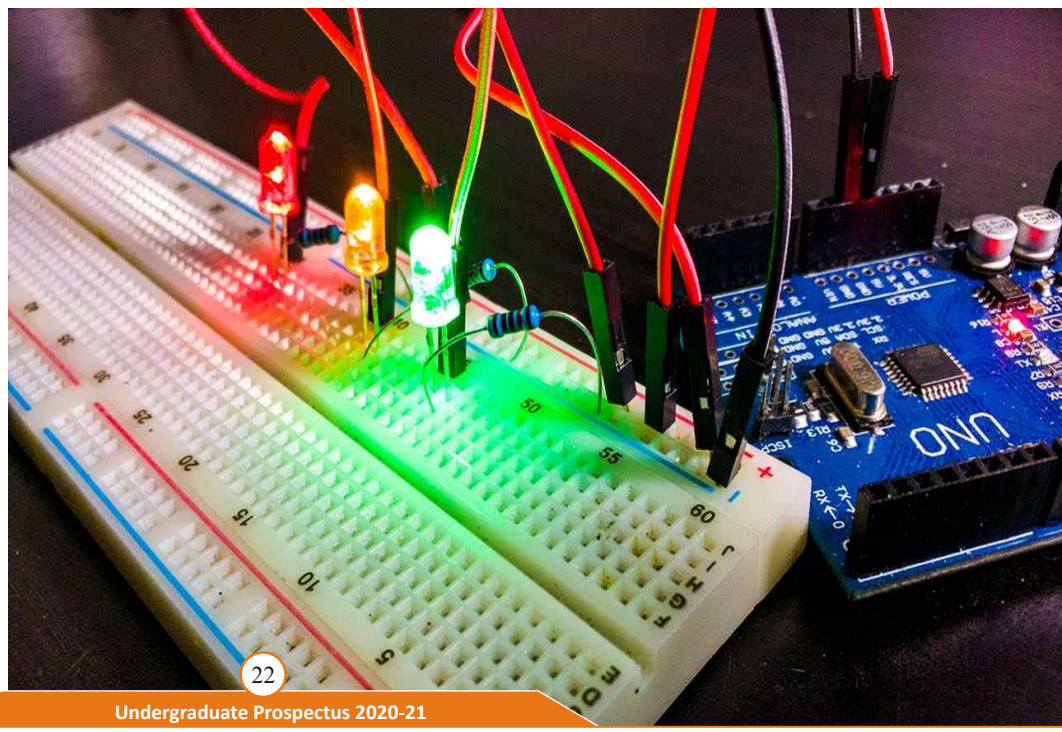
PEO-3: Utilize professional skills such as effective communication, teamwork, leadership and entrepreneurship.

List of Laboratories

- Electronics Laboratory
- Communication Laboratory
- Digital Electronics Laboratory
- Power Electronics Laboratory
- Electrical Machines Laboratory
- Applied Physics Laboratory
- FPGA and DSP Laboratory
- Computer Laboratory
- Fiber Optic Communication Laboratory
- Electronics Workshop
- Control Systems

Research

The Department promotes research facilities at Abbottabad Campus.



Scheme of Studies

Semester 1		Contact hours		Credit hours
Course Code	**Course Title**	**Lecture**	**Lab.**	**Total**
BSI-101	Islamic Studies	2	0	2
BSI-142	English Composition & Comprehension	2	0	2
BSI-181	Applied Physics	2	3	3
BSI-122	Calculus	3	0	3
ELE-101	Introduction to Computers & Programming	2	3	3
ELE-100	Basic Electrical Engineering	3	3	4
	Total Contact Hours	14	9	
	Total Credit Hours	14	3	17

Semester 2		Contact hours		Credit hours
Course Code	**Course Title**	**Lecture**	**Lab.**	**Total**
BSI-111	Linear Algebra	3	0	3
BSI-110	Pakistan Studies	2	0	2
BSI-143	Communication Skills	2	0	2
ELE-102	Object Oriented Programming	3	3	4
BSI-231	Differential Equations	3	0	3
ELE-123	Electronics Workshop	1	3	2
	Total Contact Hours	14	6	
	Total Credit Hours	14	3	16

Semester 3		Contact hours		Credit hours
Course Code	**Course Title**	**Lecture**	**Lab.**	**Total**
ELE-203	Electronics Circuits-I	3	3	4
BSI-362	Complex variables	3	0	3
ELE-210	Digital Logic Design	3	3	4
ELE-220	Circuit Analysis-I	3	3	4
ELE-230	Electrical Machines	3	3	4
	Total Contact Hours	15	12	
	Total Credit Hours	15	4	19

Semester 4		Contact hours		Credit hours
Course Code	**Course Title**	**Lecture**	**Lab.**	**Total**
ELE-202	Probability and Random Variables	3	0	3
ELE-221	Circuit Analysis-II	3	3	4
ELE-187	Engineering Economics	2	0	2
ELE-240	Electromagnetic Field Theory	3	0	3
ELE-222	Computer Aided Engineering Design	0	3	1
ELE-311	Microprocessor Systems	3	3	4
	Total Contact Hours	14	9	
	Total Credit Hours	14	3	17

Semester 5		Contact hours		Credit hours
Course Code	**Course Title**	**Lecture**	**Lab.**	**Total**
BSI-242	Numerical Analysis	3	0	3
ELE-250	Instrumentation & Measurements	3	3	4
ELE-304	Electronics Circuits-II	3	3	4
ELE-331	Power Electronicss	3	3	4
ELE-322	Signals and Systems	3	3	4
	Total Contact Hours	15	12	
	Total Credit Hours	15	4	19

Semester 6		Contact hours		Credit hours
Course Code	**Course Title**	**Lecture**	**Lab.**	**Total**
ELE-407	VLSI Design	3	3	4
BSI-323	Technical Report Writing & Presentation Skills	2	0	2
ELE-323	Analog & Digital Communications	3	3	4
ELE-421	Digital Signal Processing	3	3	4
ELE-361	Control Systems	3	3	4
	Total Contact Hours	14	12	
	Total Credit Hours	14	4	18

Semester 7		Contact hours		Credit hours
Course Code	**Course Title**	**Lecture**	**Lab.**	**Total**
BSI-120	Professional Ethics	2	0	2
ELE/CS-4XX	Elective-I	3	3	4
ELE-488	Principles of Management	3	0	3
ELE/CS-4XX	Elective-II	3	0	3
ELE-499A	Final Year Project	0	9	3
	Total Contact Hours	11	12	
	Total Credit Hours	11	4	15

Semester 8		Contact hours		Credit hours
Course Code	**Course Title**	Lecture	Lab.	Total
ELE/CS-4XX	Elective-III	3	3	4
ELE-306	OptoElectronicss	3	0	3
ELE/CS-4XX	Elective-IV	3	0	3
ELE-499B	Final Year Project	0	9	3
	Total Contact Hours	9	12	
	Total Credit Hours	9	4	13

Total Credit Hours = 134
Total Contact Hours = 190

Chairman

Prof. Dr. Laiq Hasan	Ph.D. (The Netherlands)

Professor

Prof. Dr. Laiq Hasan	Ph.D. (The Netherland)

Associate Professors

Dr. Nasir Ahmad	Ph.D. (UK)
Dr. Nasru Minallah	Ph.D. (UK)

Assistant Professors

Dr. Zahid Wadud Mufti	Ph.D. (Pak)
Dr. M. Athar Javed Sethi	Ph.D. (Malaysia)
Dr. Arbab Masood Ahmed	Ph.D. (Pak)
Dr. Safdar Nawaz Marwat	Ph.D. (Germany)
Dr. Salman Ahmed	Ph.D. (Canada)
Dr. Aftab Khan	Ph.D. (UK)
Dr. Samad Baseer	Ph.D. (Thailand)
Dr. Tariq Kamal	Ph.D. (USA)
Dr. Bilal Habib	Ph.D. (USA)
Dr. Khurram Shehzad Khattak	Ph.D (USA)
Engr. Ihsan Ul Haq	M.Sc. (Pak)

Lecturers

Engr. Rehmat Ullah	M.Sc. (Pak)
Engr. Saleem Ullah	M.Sc. (Pak)
Engr. Sumayyea Salahuddin	M.Sc. (Pak)
Engr. Madiha Sher	M.Sc. (Pak)
Engr. Asif Ali Khan	M.Sc. (Pak)
Engr. Abeer Irfan	M.Sc. (Pak)
Engr. Muniba Ashfaq	M.Sc. (Pak)
Engr. Durr-e-Nayab	M.Sc. (Pak)
Engr. Amaad Khalil	M.Sc. (Pak)
Engr. Naina Said	M.Sc. (Pak)
Engr. Madeha Mushtaq	M.Sc. (USA)
Engr. Yasir Salim Afridi	M.Sc. (Pak)

Laboratory Engineers

Engr. Abdullah Hamid	B.Sc. (Pak)
Engr. Mian Ibad Ali Shah	B.Sc. (Pak)
Engr. Faiz Ullah	B.Sc. (Pak)

Department of Computer Systems Engineering

Peshawar Campus

Introduction

Computer Systems Engineering is a unique blend of selected fields from electrical engineering, computer science and mathematics required to design and develop computer systems. This branch of engineering provides the computational apparatus for technological growth in almost all fields of science and technology and has a huge impact on the economic development around the world. Once a blooming technology, it has now taken deep roots in every field of life.

The Department of Computer Systems Engineering (DCSE) strives to impart skills such as digital systems design, computer programming, software engineering, digital signal processing, control systems and microprocessor based systems design and development. Such skills are required in a broad range of technological fields such as consumer and medical electronics, custom electronic design, digital communications systems, computer networks, transport systems, factory automation and digital computer graphics.

The Computer Systems Engineering degree program is a combination of computer hardware and software engineering with a good foundation in electrical and electronics engineering. The degree program provides a combination of basic fundamental knowledge in computer systems, practical skills in hardware and software design, general problem solving skills required in designing and building systems, verbal and written communications, final year project work, exposure to a variety of existing and leading edge electronics hardware and software technologies. The course work is organized around key areas of Computer Systems Engineering and in quite a few cases successful completion of basic course is a pre-requisite for registration in an advanced course in a particular area.

Academic Programs

- B.Sc. Computer Systems Engineering
- M.Sc. Computer Systems Engineering
- Ph.D. Computer Systems Engineering

Mission

To produce well rounded graduates, equipped with in-depth knowledge of computer systems engineering and excellent problem-solving skills, motivated to solve complex engineering problems while keeping high professional and ethical standards.

Program Educational Objectives (PEO's)

Following are the PEOs of Computer Systems Engineering Program at UET Peshawar:

PEO-1. Graduates will serve the community through the effective use of the concepts and techniques of computer systems engineering by giving research based innovative solutions for sustainable development.

PEO-2. Graduates will exhibit aptitude for leadership, team work, collaboration, independent learning and effective interpersonal communication skills, and will abide by the code of ethics and professional practices.

PEO-3. Graduates will be motivated to demonstrate continuous learning and skill development, so as to function and survive in a competitive landscape.

List of Laboratories

The Department boasts the following well equipped laboratories, enabling students to get a strong practical grasp of the theoretical knowledge gained in the classroom:

- Electronics Laboratory
- Microprocessor and Digital Electronics Laboratory
- Digital Signal Processing & Digital Design Laboratory
- Final Year Project Laboratory
- CISCO Laboratory
- Communication Laboratory
- Control Systems Laboratory
- Two general-purpose Computing Laboratories

Field Visits / Industrial Visits

Visits to various industries and research organizations are a part of education training of engineers. Both long and short visits are arranged for students, providing them an opportunity to experience practical "engineering work".

Internship

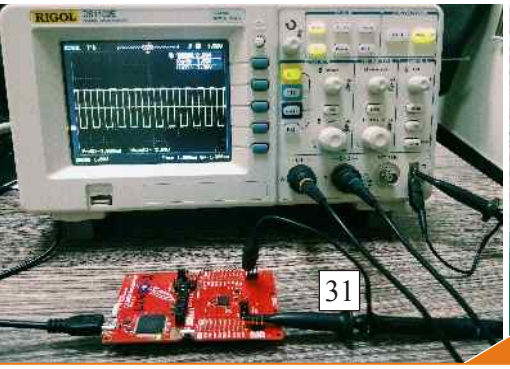
Students are required to complete 800 hours of internship as part of the B.Sc degree programme, which gives them a chance to explore and get hands-on training in their respective fields of interest.

Research

The department has a well-qualified faculty, which actively participates in the university's academic and research activities. Research activities are carried out in a variety of fields such as Networks, Communications, Digital Signal Processing, Control Systems, Artificial Intelligence & Expert Systems, Advanced Digital Design and Computer Architecture, Pattern Recognition and Bioinformatics, Digital Image Processing and Fault Tolerant Computing.

Placement Opportunities

The university has a dedicated Career Development Center (CDC) office for career related services of the students. The department has a CDC representative (career liaison officer) who helps the students in career counseling.



Scheme of Studies

Semester 1		Contact hours		Credit hours
Course Code	**Course Title**	**Lecture**	**Lab.**	**Total**
BSI-101	Islamic Studies	2	0	2
BSI-122	Calculus	3	0	3
BSI-131	English Composition & Comprehension	2	0	2
BSI-181	Applied Physics	3	3	4
CSE-101	Computer Fundamentals	3	3	4
ME-106	Engineering Workshop	0	3	1
	Total Contact Hours	13	9	
	Total Credit Hours	13	3	16

Semester 2		Contact hours		Credit hours
Course Code	**Course Title**	**Lecture**	**Lab.**	**Total**
BSI-110	Pakistan Studies	2	0	2
BSI-231	Differential Equation	3	0	3
CSE-102	Computer Programming	3	3	4
CSE-103	Circuit & Systems-I	3	3	4
ME-104	Engineering Drawing & CAD	2	3	3
BSI-141	Communication & Presentation Skills	2	0	2
	Total Contact Hours	15	9	
	Total Credit Hours	15	3	18

Semester 3		Contact hours		Credit hours
Course Code	**Course Title**	**Lecture**	**Lab.**	**Total**
BSI-111	Linear Algebra	3	0	3
BSI-362	Complex Variables	3	0	3
CSE-202	Digital Logic Design	3	3	4
CSE-203	Circuits & System-II	3	3	4
CSE-208	Object Oriented Programming	3	3	4
	Total Contact Hours	15	9	
	Total Credit Hours	15	3	18

Semester 4		Contact hours		Credit hours
Course Code	**Course Title**	**Lecture**	**Lab.**	**Total**
CSE-204	Operating Systems	3	3	4
CSE-301	Signals & Systems	3	3	4
CSE-206	Electronic Circuits	3	3	4
CSE-209	Probability Methods in Engineering	3	0	3
CSE-210	Data Structures and Algorithms	3	3	4
	Total Contact Hours	15	12	
	Total Credit Hours	15	4	19

Semester 5		Contact hours		Credit hours
Course Code	**Course Title**	**Lecture**	**Lab.**	**Total**
CSE-309	Communication Systems	3	3	4
CSE-302	Systems Programming	3	3	4
CSE-402	Digital Signal Processing	3	3	4
CSE-304	Computer Organization & Architecture	3	3	4
CSE-305	Engineering Economics	3	0	3
	Total Contact Hours	15	12	
	Total Credit Hours	15	4	19

Semester 6		Contact hours		Credit hours
Course Code	**Course Title**	**Lecture**	**Lab.**	**Total**
CSE-303	Data Communication & Networks	3	3	4
CSE-307	Microprocessor Based System Design	3	3	4
CSE-308	Digital System Design	3	3	4
CSE-403	Database Management System	3	3	4
CSE-311	Technical Writing	3	0	3
	Total Contact Hours	15	12	
	Total Credit Hours	15	4	19

Semester 7		Contact hours		Credit hours
Course Code	**Course Title**	**Lecture**	**Lab.**	**Total**
CSE-401a	Final year Project	0	9	3
BSI-120	Professional Ethics	2	0	2
CSE-310	Control Systems	3	3	4
CSE-4xx	Technical Elective-I	3	3	4
CSE-4xx	Technical Elective-II	3	0	3
	Total Contact Hours	11	15	
	Total Credit Hours	11	5	16

Semester 8		Contact hours		Credit hours
Course Code	**Course Title**	**Lecture**	**Lab.**	**Total**
CSE-401b	Final year Project	0	9	3
CSE-406	Engineering Project Management	3	0	3
CSE-4xx	Technical Elective-III	3	0	3
CSE-4xx	Technical Elective-IV	3	0	3
	Total Contact Hours	9	9	
	Total Credit Hours	9	3	12

Total Credit = 137

Note: : Chairman of the Department is authorized to rearrange the order of courses from the approved courses, depending upon the availability of faculty and market demands.

***List of Technical Electives**

(More elective courses could be added and the credit hours can be split according to the requirement of the University)

- Embedded Systems
- Advanced Computer Architecture
- Digital Image Processing
- Advanced Electronics
- Computer Security
- Robotics
- Web Engineering
- Entrepreneurship
- Artificial Intelligence
- Software Engineering
- Modern Programming Languages
- Digital Communication
- Wireless Communication
- Multimedia Communication
- Computer Graphics
- Network Modeling & Simulation
- Fault Tolerant Computing
- Artificial Neural Network
- Parallel and Distributed Computing
- Discrete Structures
- Numerical Analysis
- Network Programming
- Optical Networks
- IP Networks
- Human Computer Interaction
- Data Analytics
- Special Topics
- Intro to Game Development

Assistant to Dean

Dr. Sadeeq Jan	Ph.D. (Luxembourg)

Assistant Professors

Dr. Sadeeq Jan	Ph.D. (Luxembourg)
Dr. Iftikhar Ahmad	Ph.D. (Germany)
Dr. Suhail Yousaf	Ph.D. (The Netherlands)
Dr. Wajeeha Khalil	Ph.D. (Austria)
Dr. Izhar Ullah	Ph.D. (UK)
Mr. Ismat Ullah Khan	M.Sc. (CS) (Pak)

Lecturers

Dr. Zakira Inayat	Ph.D. (Malaysia)
Dr. M. Imran Khan Khalil	Ph.D. (Pak)
Engr. Mujtaba Hassan	MS (CSE) (Pak)
Engr. Alauddin	MS (CSE) (Pak)
Mr. Dilawar Khan	MS (CS) (Pak)
Mr. Imran Rasheed	MS (CS) (Pak)
Mr. Sadiq-ur-Rehman	MS (CS) (Pak)
Mr. Amir Taj	MS (CS) (UK)
Miss. Aisha Javed	MIT (Pak)
Mr. Inayat Ullah	MS (CS) (Pak)

Department of Computer Science & IT

Peshawar Campus

Introduction

The Department of Computer Science & Information Technology offers undergraduate and graduate courses leading to the award of Bachelor of Science and Master of Science in Computer Science respectively. It owes its emergence to the relentlessly growing demand of professionals with expertise in areas of computers, communications and information processing technologies. The Department of CS & IT enjoys full support of the engineering departments. Students work in laboratories equipped with state-of-art computer systems running a wide range of applications and specialized software supporting the courses. The department strongly supports the idea of using modern audio-visual aids to enhance the learning capabilities of students and provides them a stimulating and challenging environment essential for high quality education. The Department of Computer Science & Information Technology is concerned with the theory, design, development and application of computer science and information processing techniques. The department has also gotten accreditation from the National Computing Education and Accreditation Council (NCEAC).

Academic Programs

- BS (Computer Science)
- MS (Computer Science)
- Ph.D. (Computer Science)

Mission

To produce graduates who are able to advance computing knowledge and contribute to the IT industry and society through excellence in education, learning and research.

Program Educational Objectives (PEO's)

Following are the PEOs of the Computer Science program at UET Peshawar:

PEO-1. The graduates will be working as senior technical leads in IT related industries exhibiting ethical values and leadership roles in multidisciplinary teams

PEO-2. The graduates will take up higher education or other professional degrees in Computer Science and related disciplines to meet specific needs of services in academia, Research and Development (R&D) organizations, and corporate sectors.

PEO-3. The graduates will build and develop ICT-based startup companies using their entrepreneurial skills

List of Laboratories

The Department has well-equipped computer laboratories with latest PCs having the latest development software and tools. These laboratories have also been connected with the Digital Resource Library of the HEC to provide latest resources and information to the students as well as to the faculty members of the department.

Field Visits / Industrial Visits

Industrial visits are arranged to Islamabad, Lahore and Karachi on regular basis. The major objective of these visits is to enable the students to gain first hand knowledge of the application and developments in their fields of specializations.

Internship

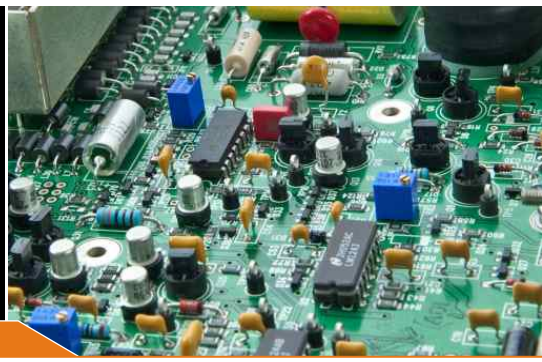
The department arranges internship during the summers for practical training of the students. Internships are arranged both in Government and Private sector organizations.

Research

The Faculty is actively engaged in applied research at national and international levels. The department is currently hosting a state-of-the-art National Center for Cyber Security-UETP where applied research is carried out by the faculty and students to develop solutions/products for the problems of national importance. In addition, the faculty has active participation in the other two National Centers at UET Peshawar, i.e., National Center for Artificial Intelligence, National Center for Big data and Cloud Computing.

Placement Opportunities

The widespread applications of Information and Communication Technologies is the main reason that CS graduates have one the highest employability rates in the industry. Upon completion of degree, a broad range of employment opportunities await our CS graduates. These opportunities are available in diverse domains including software houses, research institutions, government offices and in private sector. Currently our graduates are working as web developers, game developers, app developers, database developers & administrators, network engineers, and data scientists etc. A number of our graduates have successfully started their own companies as well.



Scheme of Studies

Semester 1		Contact hours		Credit hours
Course Code	**Course Title**	**Lecture**	**Lab.**	**Total**
CS-101	Introduction To Computing	3	3	4
CS-103	Discrete Structure	3	0	3
BSI-110	Pakistan Studies	2	0	2
BSI-122	Calculus	3	0	3
BSI-101	Islamiayat	2	0	2
XXXX	Uni-Elective-I	3	0	3
	Total Contact Hours	16	3	
	Total Credit Hours	16	1	17

Semester 2		Contact hours		Credit hours
Course Code	**Course Title**	**Lecture**	**Lab.**	**Total**
CS-102	Intro. to computer Programming	3	3	4
CS-105	Digital & Logic Design	3	3	4
EE-103	Basic Electronicss	3	0	3
BSI-111	Linear Algebra	3	0	3
BSI-131	English Composition & Comprehension	3	0	3
	Total Contact Hours	15	6	
	Total Credit Hours	15	2	17

Semester 3		Contact hours		Credit hours
Course Code	**Course Title**	**Lecture**	**Lab.**	**Total**
CS-201	Object Oriented Programming	3	3	4
CS-202	Automata Theory	3	0	3
CS-203	Data Structure & Algorithms	3	3	4
BSI-231	Differential Equations	3	0	3
CS-204	Tech. Report Writing & Communication Skills	3	0	3
	Total Contact Hours	15	6	
	Total Credit Hours	15	2	17

Semester 4		Contact hours		Credit hours
Course Code	**Course Title**	Lecture	Lab.	Total
CS-205	Design & Analysis of Algorithms	3	0	3
CS-209	Data Communication	3	0	3
CS-207	Database Systems-I	3	3	4
CS-208	Computer Architecture & Assembly Language	3	3	4
BSI-350	Statistic & Probability	3	0	3
	Total Contact Hours	15	6	
	Total Credit Hours	15	2	17

Semester 5		Contact hours		Credit hours
Course Code	**Course Title**	**Lecture**	**Lab.**	**Total**
XXXX	Uni-Elective-II	3	0	3
CS-302	Operating Systems	3	3	4
CS-301	Software Engineering	3	3	4
XXXX	Uni-Elective-III	3	0	3
XXXX	CS Elective-I	3	0	3
	Total Contact Hours	15	6	
	Total Credit Hours	15	2	17

Semester 6		Contact hours		Credit hours
Course Code	**Course Title**	**Lecture**	**Lab.**	**Total**
CS-304	Compiler Construction	3	0	3
CS-306	Computer Networks	3	3	4
XXXX	CS Elective-II	3	0	3
XXXX	CS Elective-III	3	0	3
BSI-242	Numerical Computing	3	3	4
	Total Contact Hours	15	6	
	Total Credit Hours	15	2	17

Semester 7		Contact hours		Credit hours
Course Code	**Course Title**	**Lecture**	**Lab.**	**Total**
CS-400	Final Year Project	0	9	3
XXXX	CS Elective-IV	3	3	4
CS-401	Human Computer Interaction	3	0	3
XXXX	CS Elective-V	3	0	3
XXXX	CS Elective-VI	3	0	3
	Total Contact Hours	12	12	
	Total Credit Hours	12	4	16

Semester 8		Contact hours		Credit hours
Course Code	**Course Title**	**Lecture**	**Lab.**	**Total**
CS-400	Final Year Project	0	9	3
CS-405	Introduction to Information Security	3	0	3
IT-406	Ethical & Legal Issues in Computing	3	0	3
XXXX	Uni-Elective-IV	3	0	3
	Total Contact Hours	9	9	
	Total Credit Hours	9	3	12

Total Credit Hours = 130

Coordinator

Prof. Dr. Shahid Maqsood	Ph.D. (UK)

Assistant to Dean

Dr. Syed Adeel Ali Shah	Ph.D. (Malaysia)

Assistant Professors

Dr. Syed Adeel Ali Shah	Ph.D. (Malaysia)
Dr. Aamir Saeed	Ph.D. (Denmark)
Dr. Abdul Hafeez	Ph.D. (USA)
Dr. Bilal Habib	Ph.D. (USA)
Dr. Tariq Kamal	Ph.D. (USA)
Dr. Khuram Shehzad Khattak	Ph.D. (USA)
Dr. Aftab Khan	Ph.D. (USA)
Dr. Rabia Shahid	Ph.D. (USA)
Dr. Laeeq Ahmed	Ph.D. (Sweden)

Department of Computer Science & IT

Jalozai Campus

Introduction

The Department of Computer Science & Information Technology offers undergraduate and graduate courses leading to the award of Bachelor of Science and Master of Science in Computer Science respectively. It owes its emergence to the relentlessly growing demand of professionals with expertise in areas of computers, communications and information processing technologies. The Department of CS & IT enjoys full support of the engineering departments. Students work in laboratories equipped with state-of-art computer systems running a wide range of applications and specialized software supporting the courses. The department strongly supports the idea of using modern audio visual aids to enhance the learning capabilities of students and provides them a stimulating and challenging environment essential for high quality education. The graduates of this department will be able to meet the highest standards of training for leadership in computer science and information technology and to capitalize on the huge IT market of the 21st century. The Department of Computer Science & Information Technology is concerned with the theory, design, development and application of computer science and information processing techniques.

Academic Programs

- BS (Computer Science)

Mission

The mission of the CS & IT Department is:

- To educate undergraduate and graduate majors as well as the broader campus community in the fundamental concepts of the computing discipline, to create and disseminate computing knowledge and technology, and to use our expertise in computing to help solve societal problems.
- Excellence in research - achieved by tackling problems of real-world complexity - with the potential for significant long-term impact on the fields of computer science and multidisciplinary computing.
- Excellence in education by providing the nation with computer scientists having a core of knowledge allowing them to adapt to a rapidly changing technology and providing industry, universities and government with the next generation of leaders in the field.
- Excellence in working with industry, government, educators and the community to advance computing and to serve the needs of these organizations and groups.

List of Laboratories

The Department has computer laboratories, equipped with the latest development software and tools. These laboratories have also been connected with the Digital Resource Library of the HEC to provide latest resources and information to the students as well as to the faculty members of the department.

Field Visits / Industrial Visits

Industrial visits are arranged to Islamabad, Lahore and Karachi on regular basis. The major objective of these visits is to enable the students gain first hand knowledge of the application and developments in their fields of specializations.

Study Tour

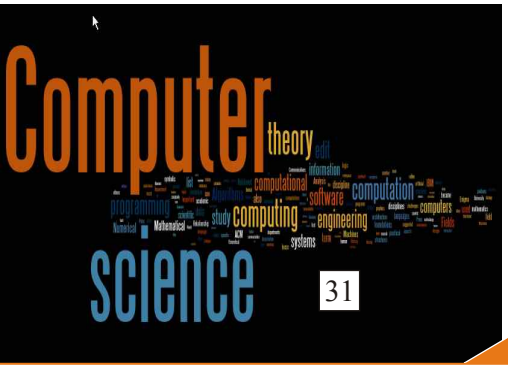
Study tours related to the courses offered are arranged for students during the semester. This helps them explore the practical aspects of their subjects along side the theory taught.

Internship

Department arranges internship during the summers for practical training of the students. Internships are arranged both in Government and Private sector organizations.

Scheme of Studies

For Scheme of Studies, please refer to page No. 27



FACULTY OF

MECHANICAL, CHEMICAL AND INDUSTRIAL ENGINEERING

MESSAGE FROM DEAN

"How do you inspire, educate and innovate?" *(Case School of Engineering, CWRU, USA)*

A university's basic aim is to inspire, educate and innovate. This cliché covers the broad spectrum of education and research. This Deanship has a very dynamic blend of departments including Chemical, Energy, Industrial, Mechanical and Mechatronics. Our departments are spread over three campuses including the Main Campus at Peshawar, the satellite campus at Hayatabad and remote campus at Jalozai.

Together we aim to improve teaching and student learning, provide learning support systems and increase employability for the students. For the faculty, we aim to provide an enabling environment where research and innovation can thrive and grow. Alumni integration has become a crucial pillar for the growth of any university. Through all of the above we strive to improve the departmental and university ranking at national and international level.

Prof. Dr. Muhammad Abdul Aziz Irfan
Dean, Faculty of Mechanical, Chemical
and Industrial Engineering

Mission Statement

To produce well-rounded engineers with professional and ethical skills, through transfer of broad and in-depth theoretical and experimental knowledge, enabling them to resolve complex engineering problems for sustainable development.

Chairman

Prof. Dr. M. Naeem Khan	Ph.D. (Pak)

Professors

Prof. Dr. M.A Irfan	Ph.D. (USA)
Prof. Dr. Rizwan M. Gul	Ph.D. (USA)
Prof. Dr. Hamid Ullah	Ph.D. (Thailand)
Prof. Dr. M. Naeem Khan	Ph.D. (Pak)
Prof. Dr. Afzal Khan	Ph.D. (USA)
Prof. Dr. Abdul Shakoor	Ph.D. (UK)

Associate Professors

Engr. M. Masood Ahmad	M.Sc. (Pak)
Dr. S. Shaukat Ali Shah	Ph.D. (Thailand)
Dr. M. Sadiq Khattak	Ph.D. (USA)
Dr. Feroz Shah	Ph.D. (Pak)
Dr. Kareem Akhter	Ph.D. (USA)
Dr. M. Ali Kamran	Ph.D. (UK)

Assistant Professors

Dr. M. Alam Zaib Khan	Ph.D. (UK)
Dr. Umar Ibrahim	Ph.D. (USA)
Engr. Ihsan Ullah	M.Sc. (Pak)
Dr. Naveed Ullah	Ph.D (S. Korea)
Engr. Naveed Ahmad	M.Sc. (USA)

Lecturers

Dr. Fakhre Alam	Ph.D. (S.Korea)
Dr. Zeeshan Zahir	Ph.D. (S.Korea)
Engr. Tabassum Yasmin	M.Sc. (Pak)
Engr. Zuhaib Ali Khan	M.Sc. (Pak)
Engr. Fazli Yazdan	M.Sc. (Pak)
Engr. Adnan Rasheed	M.Sc. (Pak)
Engr. M. Usman Khan	M.Sc. (Pak)
Engr. Numan Khan	M.Sc. (Pak)
Engr. Awais Ahmad	M.Sc. (KSA)
Engr. Arsalan Khan	M.Sc. (Pak)
Engr. Qazi M. Yaseen	M.Sc. (Pak)
Engr. Shafi-ud-Din	M.Sc. (Pak)
Engr. Kaleem Ullah Khalil	M.Sc. (Pak)
Engr. Ismail Khan	M.Sc. (Pak)
Engr. Imran Khan	M.Sc. (Pak)
Engr. Umer Farooq	M.Sc. (Pak)

Laboratory Engineers

Engr. Asim Ahmad Riaz	M.Sc. (Pak)
Engr. Abid Hussain	M.Sc. (Pak)
Engr. Nadeem ur Rehman	B.Sc. (Pak)

Department of Mechanical Engineering

Peshawar Campus

Introduction

The Department of Mechanical Engineering was established in 1952, as a constituent part and then an Engineering College of University of Peshawar. The knowledge of mechanical engineering is used to build useful products and devices for society. This can range from a device as small as a catheter injected into the human body, to a fax machine or printer, to a modern jet engine, to as large as a power plant for a big city.

Mechanical engineering encompasses the generation, conversion, transmission, and utilization of mechanical and thermal energy. This includes design, construction, and operation of all kinds of mechanical and thermal devices and systems. Of all the engineering disciplines, Mechanical Engineering offers the greatest breadth, flexibility and individuality. Practical work in laboratories forms an essential part of the curriculum. Almost all subjects taught are augmented by experiments in the laboratories.

Academic Programs

- B.Sc. Mechanical Engineering
- M.Sc. Mechanical Engineering
- Ph.D. Mechanical Engineering

Mission

To develop graduates with relevant skills through transfer of broad, and in-depth knowledge, enabling them to contribute towards solution of complex industrial problems for sustainable development.

Program Educational Objectives (PEO's)

The objectives of Mechanical Engineering B.Sc. program are to produce graduates who are able to:

PEO-1: Adopt challenging careers in Mechanical Engineering with their professional competence for solution to engineering problems.

PEO-2: Pursue advanced education, research and development, and achieve innovations in engineering and technology.

PEO-3: Assume position of leadership and responsibility within an organization, in compliance with societal context, ethical practices for/and sustainable development.

List of Laboratories

- Fluid Mechanics Lab
- Heat Transfer and RAC Lab
- Thermo/Automobile Lab
- Mechanics of Materials Lab
- Mechatronics Lab
- Advanced Manufacturing Lab
- Mechanical Vibration Lab
- Measurement, Instrumentation and Control Lab
- Metallurgy Lab
- Power Plants Lab
- Engineering Mechanics Lab
- Engineering Workshops
- Impact Research Lab
- Material Research Lab
- Gas Engineering Lab
- CADLabs (I, II & III)

Field Visits / Industrial Visits

The faculty and the students are constantly in touch with various industries. For the purpose of industrial exposure to the students, study trips are arranged. These visits enable the students to gain practical knowledge of industry. The department continuously and efficiently works to consolidate the University-Industry collaboration.

Internship

Industrial internship is required for the students and a minimum of 800 hours have to be completed for graduation. Mechanical Engineering students are offered the opportunity to accomplish their summer internships at various reputed industries in the country. More than two hundred students are facilitated each year by the department career resources center for internship in different industries of the country.

Research

Faculty is actively involved in research in the areas of Vibration, Design, Stress Analysis, Materials Engineering, Impact Analysis and Mechanisms Design.

Placement Opportunities

Graduates of Mechanical Engineering Department have wide range of opportunities to start their Careers in various public and private sector industries including Pakistan Atomic Energy Commission, WAPDA, Cement Industries, Pakistan Ordnance Factories, Heavy Mechanical Complex, Pakistan Tobacco Company, Oil and Gas Industries, Sugar Mills and Steel Mills etc.

The following scheme of codes is followed for the Mechanical Engineering courses/subjects appearing in the scheme of studies.

- The first two alphabets in the course code indicate the program, for example ME for Mechanical Engineering.
- The first digit in the course code indicates the academic year during which the course is offered, for example, 1 for year one of the program.
- The second digit indicates the stream to which the course belongs, as shown in the Table below.
- The third digit indicates the sequence of the course in the respective stream of that year.

Second Digit	Stream
0	General Mechanical Engineering
1	Design and Materials
2	Thermo-fluid
3	Control Engineering
4	Manufacturing and Management

Example: Code for the subject "Mechanics of Materials-I" could be read as follows:
ME-113: Mechanical Engineering, year 1, Design and Materials stream (1), sequence number 3 (in the respective stream of year 1).

Scheme of Studies

Semester 1		Contact hours		Credit hours
Course Code	**Course Title**	**Lecture**	**Lab.**	**Total**
BSI-101	Islamic Studies	2	0	2
BSI-110	Pakistan Studies	2	0	2
BSI-122	Calculus	3	0	3
BSI-142	English Composition and Comprehension	3	0	3
ME-101	Computer Prog. for Mechanical Engg.	1	3	2
EE-109	Basic Electrical and Electronicss Engineering	3	0	3
EE-109L	Basic Electrical & Electronicss Engg. Lab	0	3	1
ME-141	Workshop Practice	0	3	1
	Total Contact Hours	14	9	
	Total Credit Hours	14	3	17

Semester 2		Contact hours		Credit hours
Course Code	**Course Title**	**Lecture**	**Lab.**	**Total**
BSI-231	Differential Equations	3	0	3
BSI-143	Communication and Presentation Skills	2	0	2
ME-111	Engineering Statics	3	0	3
ME-121	Thermodynamics-I	3	0	3
ME-121L	Thermodynamics Lab	0	3	1
ME-112	Engineering Drawing and Graphics	2	0	2
ME-112L	Engineering Drawing and Graphics Lab	0	3	1
ME-113	Mechanics of Materials-I	3	0	3
	Total Contact Hours	16	6	
	Total Credit Hours	16	2	18

Semester 3		Contact hours		Credit hours
Course Code	**Course Title**	**Lecture**	**Lab.**	**Total**
BSI-111	Linear Algebra	3	0	3
ME-211	Engineering Dynamics	3	0	3
ME-211L	Engineering Dynamics Lab	0	3	1
ME-212	Mechanics of Materials-II	3	0	3
ME-212L	Mechanics of Materials Lab	0	3	1
ME-213	CAD-I	0	3	1
ME-221	Thermodynamics-II	2	0	2
ME-222	Fluid Mechanics-I	3	0	3
ME-201	Entrepreneurship	2	0	2
	Total Contact Hours	16	9	
	Total Credit Hours	16	3	19

Semester 4		Contact hours		Credit hours
Course Code	**Course Title**	**Lecture**	**Lab.**	**Total**
BSI-242	Numerical Analysis	3	0	3
ME-214	Engineering Metallurgy	3	0	3
ME-214L	Engineering Metallurgy Lab	0	3	1
ME-215	Design of Machine Elements-I	3	0	3
ME-223	Fluid Mechanics-II	3	0	3
ME-223L	Fluid Mechanics Lab	0	3	1
	Total Contact Hours	12	6	
	Total Credit Hours	12	2	14

Semester 5		Contact hours		Credit hours
Course Code	**Course Title**	**Lecture**	**Lab.**	**Total**
BSI-351	Probability and Statistics	3	0	3
ME-311	Design of Machine Elements-II	3	0	3
ME-331	Mechanics of Machines and Vibration	3	0	3
ME-331L	Mechanics of Machines and Vibration Lab	0	3	1
ME-312	Engineering Materials	3	0	3
ME-301	Engineering Economics	2	0	2
ME-341	Manufacturing Processes	3	0	3
ME-341L	Manufacturing Processes Lab	0	3	1
	Total Contact Hours	17	6	
	Total Credit Hours	17	2	19

Semester 6		Contact hours		Credit hours
Course Code	**Course Title**	**Lecture**	**Lab.**	**Total**
ME-302	Ethical & Legal Dimensions of Engineering	3	0	3
ME-342	Quality Engineering	3	0	3
ME-321	Power Plants-I	3	0	3
ME-332	Introduction to Mechatronics	3	0	3
ME-332L	Introduction to Mechatronics Lab	0	3	1
ME-313	CAD-II	0	6	2
ME-303	Technical Report Writing	2	0	2
	Total Contact Hours	14	9	
	Total Credit Hours	14	3	17

Semester 7		Contact hours		Credit hours
Course Code	**Course Title**	**Lecture**	**Lab.**	**Total**
ME-441	Production Automation	3	0	3
ME-441L	Production Automation Lab	0	3	1
ME-421	Power Plants-II	3	0	3
ME-421L	Power Plants Lab	0	3	1
ME-422	Heat and Mass Transfer	3	0	3
ME-423	Heating, Ventilating and Air Conditioning	3	0	3
ME-431	Measurement and Instrumentation	2	0	2
ME-411	Final Year Project	0	9	3
	Total Contact Hours	14	15	
	Total Credit Hours	14	5	19

Semester 8		Contact hours		Credit hours
Course Code	**Course Title**	**Lecture**	**Lab.**	**Total**
ME-411	Final Year Project	0	9	3
ME-424L	Heat Transfer and HVAC Lab	0	3	1
ME-432	Control Engineering	3	0	3
ME-433L	Measurement, Instrumentation & Control Lab	0	3	1
ME-442	Industrial Management	3	0	3
ME-401	Health, Safety and Environment	2	0	2
	Total Contact Hours	8	15	
	Total Credit Hours	8	5	13

Total Credit Hours = 136

Coordinator

Prof. Dr. Shahid Maqsood	Ph.D. (UK)

Chairman

Dr. Usman Ghani	Ph.D. (UK)

Assistant Professors

Dr. Usman Ghani	Ph.D. (UK)
Dr. Ashfaq Khan	Ph.D. (UK)
Dr. Arshad Mehmood	Ph.D. (USA)
Dr. Haider Ali	Ph.D. (UK)
Dr. Fakhre Ali	Ph.D. (UK)
Dr. Nadeem Khan	Ph.D. (USA)
Dr. Qari M. Khalid Waheed	Ph.D. (UK)

Lecturers

Engr. Syed Rooh Ullah Jan	M.Sc. (Pak)
Engr. Arshad Ali Khan	M.Sc. (Pak)
Engr. Fakhrul Islam	B.Sc. (Pak)

Laboratory Engineers

Engr. Fawad Khan	M.Sc. (Pak)
Engr. Zia-ur-Rehman	M.Sc. (Pak)
Engr. Mubashir Hayat	M.Sc. (Pak)

Department of Mechanical Engineering

Jalozai Campus

Introduction

The knowledge of mechanical engineering is used to build useful products and devices for society. This can range from a device as small as a catheter injected into the human body, to a fax machine or printer, to a modern jet engine, to as large as a power plant for a major city.

Mechanical engineering encompasses the generation, conversion, transmission, and utilization of mechanical and thermal energy. This includes design, construction, and operation of all kinds of mechanical and thermal devices and systems. Of all the engineering disciplines, Mechanical Engineering offers the greatest breadth, flexibility, and individuality. Indeed, Mechanical Engineering education is an ideal preparation for working and living in a technological world.

Academic Program

- B.Sc. Mechanical Engineering

List of Laboratories

- Stress Analysis Lab.
- Hydraulics and Fluid Mechanics Lab.
- Production Automation Lab.
- Metallurgy Lab
- Power Plant Lab
- Diesel Engine Simulation Lab
- Automotive A/C System Lab.
- Modular Fluid Power Lab
- Fluid Power Learning Lab
- Hydraulics & Pneumatics Lab
- Automotive Troubleshooting Lab

Field Visits / Industrial Visits

Industrial visits are regularly conducted every year to broaden the horizon of students and to appraise them with the industry of Pakistan.

Research

Faculty is actively involved in research in the areas of vibration, design, stress analysis, materials engineering, impact analysis, mechanisms and applications of artificial Intelligence in mechanical engineering.

Scheme of Studies

For Scheme of Studies, please refer to page No. 31

Chairman

Prof. Dr. M. Tahir Khan	Ph.D. (Canada)

Professors

Prof. Dr. S. Riaz Akbar Shah	Ph.D. (USA)
Prof. Dr. M. Tahir Khan	Ph.D. (Canada)
Prof. Dr. Faridullah Khan	Ph.D. (Canada)

Associate Professors

Dr. Izhar-ul-Haq	Ph.D. (UK)
Dr. Kamran Shah	Ph.D. (UK)
Dr. Shahzad Anwar	Ph.D. (UK)

Assistant Professors

Dr. Muhammad Akmal	Ph.D. (Turkey)
Dr. Sheraz Ali Khan	Ph.D. (S. Korea)
Dr. Qari M. Khalid Waheed	Ph.D. (UK)
Dr. Muhammad Tufail	Ph.D. (Canada)

Lecturers

Engr. Hamid Khan	M.Sc. (Pak)
Engr. Nayyar Fazal	M.Sc. (Pak)
Dr. Anam Abid	Ph.D. (Pak)
Dr. Zubair Ahmad	Ph.D. (Pak)
Engr. Sadaf Sardar	M.Sc. (Pak)

Laboratory Engineers

Engr. Shahbaz Khan	M.Sc. (Australia)
Engr. Wahad ur Rehman	B.Sc. (Pakistan)

Department of Mechatronics Engineering

Peshawar Campus

Introduction

Mechatronics Engineering is a relatively new field of study, and just like anything new, it draws both interest and skepticism. Many students, and parents alike, find it difficult to appreciate the importance of this field and the promise that it holds for the future. In very plain and simple words, Mechatronics Engineering is mostly about intelligent automation of manual labor. It is an integration of three different disciplines of Engineering - Mechanical, Electrical and Computer Engineering, and is driven mostly by the needs of modern industries, and the equipment and appliances that we come across in our daily lives; which are mostly elzzectro-mechanical and are controlled by some kind of an embedded computer. So whether it is the air conditioner in your room, the ATM machine that you use to withdraw cash, the car that you drive around, your household cleaning robot, if you are lucky to have one, or the bottling plant at your favorite beverage company or any modern industry for that matter- you are looking at Mechatronics in action. Mechatronics Engineers are primarily trained to ensure the efficient operation of any modern industry. However, their skills and knowledge can be utilized in numerous other fields, such as, Biomedical Engineering, the design and development of unmanned, autonomous systems etc.

The Department of Mechatronics Engineering was established in 2007 as an HEC funded project. It is located in Phase V of the Hayatabad township of Peshawar metropolis. Students are provided with a free shuttle service to the Main Campus of UET Peshawar. The Department has a highly qualified and experienced faculty, around 75% of whom have received their PhD in relevant disciplines from well reputed international universities, whereas the remaining are working towards their PhD. Despite being one of the youngest departments of UET Peshawar, we feel proud to announce that many of our graduates are working at some of the most prestigious organizations both in and outside Pakistan, i.e., Schlumberger, PepsiCo, British American Tobacco Company, Tetra Pak, Bestway, and Atlas Honda etc., while many more are pursuing their higher education in some of the best universities in Europe, Australia, the Far East and North America.

Academic Programs

- B.Sc. Mechatronics Engineering
- M.Sc. Mechatronics Engineering with specialization in Automation and Control
- Ph.D. Mechatronics Engineering

Mission

At the Department of Mechatronics Engineering, our mission is,

"To produce well-rounded Mechatronics engineers, with the right set of skills developed through the transfer of broad and in-depth engineering knowledge and hands on practical work, enabling them to contribute positively towards solving real life problems, and utilizing research tools and methodologies for sustainable development."

Program Educational Objectives (PEO's)

In order to accomplish our mission, we strive to achieve the following Program Education Objectives (PEOs) that we have set for our B.Sc. degree program in Mechatronics Engineering. We endeavor to train our graduates so that they are:

PEO-1. Successful Mechatronics Engineers with continuous improvement in skills and tools, a strong inclination towards research and actively seeking out leadership roles in the Engineering domain and/or in society.

PEO-2: Ethically strong, and socially and environmentally responsible Mechatronics Engineers.

PEO-3: Professional Mechatronics Engineers, who demonstrate high levels of competence, due diligence and professionalism.

List of Laboratories

In order to achieve its objectives, the department has a host of laboratory facilities to help hone the practical and hands-on skills of its students including the following:

- Electrical & Electronicss Laboratory
- Microcontroller and Microprocessor Laboratory
- Mechatronics Design Laboratory
- Fabrication Shop
- Robotics Laboratory
- Instrumentation & Control Laboratory
- Manufacturing Automation Laboratory
- Computational Laboratory
- PLC Training Laboratory

Field Visits / Industrial Visits

Industrial visits are an important component of our undergraduate degree program and are helpful in expanding students' horizons and knowledge. Each year, visits are arranged for students to various industries operating in different cities across Pakistan.

Research

The Department's faculty is actively involved in research and has acquired many research grants from different organizations including the HEC, PSF and DoST. Recently, through competitive bidding among universities throughout Pakistan, the Department of Mechatronics Engineering secured funding from the HEC to establish the Advanced Robotics and Automation Lab as a part of the National Center of Robotics and Automation.

Scheme of Studies

Semester 1		Contact hours		Credit hours
Course Code	**Course Title**	**Theory**	**Lab.**	**Total**
BSI-173	Calculus & Analytical Geometry	3	0	3
MtE-101	Engineering Statics	3	0	3
MtE-103L	Workshop Practice	0	6	2
MtE-110	Electric Circuits Analysis	3	3	4
MtE-141	Communication Skills	2	0	2
BSI-101	Islamic Studies	2	0	2
	2-day Seminar on Health and Safety	0	0	0
	Total Contact Hours	13	9	16
	Total Credit Hours	13	3	16

Semester 2		Contact hours		Credit hours
Course Code	**Course Title**	**Theory**	**Lab.**	**Total**
BSI-232	ODE & Linear Algebra	3	0	3
BSI-110	Pakistan Studies	2	0	2
MtE-104L	Engineering Drawing	0	6	2
BSI-181	Applied Physics	3	3	4
MtE-132	Computer Programming	2	3	3
MtE-159	Technical Report Writing	2	0	2
MtE-155	Organizational Behaviour*	2	0	2
	Total Contact Hours	14	12	
	Total Credit Hours	14	4	18

Semester 3		Contact hours		Credit hours
Course Code	**Course Title**	**Theory**	**Lab.**	**Total**
BSI-112	Vector Calculus	3	0	3
MtE-201	Dynamics	3	0	3
MtE-205	Electronic Principles & Devices	3	3	4
MtE-221	Materials & Manufacturing Processes	3	0	3
MtE-231	Data Structures and Object Oriented Programming	3	3	4
MtE-207	Solid Modeling	0	3	1
MtE-254	Professional Ethics*	2	0	2
	Total Contact Hours	17	9	
	Total Credit Hours	17	3	20

Semester 4		Contact hours		Credit hours
Course Code	**Course Title**	**Theory**	**Lab.**	Total
BSI-362	Transforms & Complex Analysis	3	0	3
MtE-211	Electronic Circuits Design	3	3	4
MtE-218	Signals and Systems	2	0	2
MtE-222	Mechanics of Materials	2	3	3
MtE-226	Actuating Systems	3	3	4
MtE-233	Digital Logic Design	2	3	3
	Total Contact Hours	15	12	
	Total Credit Hours	15	4	19

Semester 5		Contact hours		Credit hours
Course Code	**Course Title**	**Theory**	**Lab.**	**Total**
MtE-351	Probability Methods in Engineering	3	0	3
MtE-311	Fluid Mechanics, Hydraulics and Pneumatics	2	3	3
MtE-318	Microcontrollers and Embedded Systems	2	6	4
MtE-317	Transducers & Instrumentation	3	3	4
MtE-301	Modeling and Simulation	3	0	3
MtE-323	Theory of Machines	2	3	3
	Total Contact Hours	15	15	
	Total Credit Hours	15	5	20

Semester 6		Contact hours		Credit hours
Course Code	**Course Title**	**Theory**	**Lab.**	**Total**
MtE-350	Numerical Methods	2	0	2
MtE-313	Power Electronics***	3	0	3
MtE-341	Design of Machine Elements	2	0	2
MtE-325	Mechatronics Systems Design	2	6	4
MtE-328	Control Systems	3	3	4
MtE-345	Fundamentals of Thermal Sciences	3	3	4
	Total Contact Hours	15	12	
	Total Credit Hours	15	4	19

Semester 7		Contact hours		Credit hours
Course Code	**Course Title**	**Theory**	**Lab.**	**Total**
MtE-405	Robotics	3	3	4
MtE-455	Entrepreneurship, Leadership and Team Mgt**	3	0	3
MtE-4xx	Engineering Elective II	3	0	3
MtE-453	Engineering Economics	3	0	3
MtE-441	Final Year Project	0	9	3
MtE-99	Community Service Learning****	1	3	2
	Total Contact Hours	13	15	
	Total Credit Hours	13	5	16

Semester 8		Contact hours		Credit hours
Course Code	**Course Title**	**Theory**	**Lab.**	**Total**
MtE-4xx	Engineering Elective III	3	0	3
MtE-422	Industrial Automation	2	3	3
MtE-441	Final Year Project	0	9	3
	Total Contact Hours	5	12	
	Total Credit Hours	5	4	9

Total Credit Hours = 141

Chairman

Prof. Dr. Muddasar Habib	Ph.D. (UK)

Professors

Prof. Dr. Saeed Gul	Ph.D. (Austria)
Prof. Dr. M. Younas	Ph.D. (France)
Prof. Dr. Muddasar Habib	Ph.D. (UK)

Associate Professors

Dr. Jamil Ahmad	Ph.D. (Norway)
Dr. Nehar Ullah	Ph.D (Canada)
Dr. M. Imran Ahmad	Ph.D. (UK)

Assistant Professors

Engr. Imran Khan Swati	M.Sc. (Pak)
Dr. Asmat Ullah	Ph.D. (UK)
Engr. Sultan Ali	M.Sc. (Pak)
Engr. Amad Ullah Khan	M.Sc. (Pak)
Dr. Moazzam Arshad	Ph.D. (Austria)
Dr. Muhammad Daud	Ph.D. (KSA)
Dr. Irshad Ali	Ph.D. (Canada)
Dr. S. Naveed-ul-Hassan	Ph.D. (Australia)
Dr. Naseer Ahmad Khan	Ph.D. (Australia)
Dr. Hayat Khan	Ph.D. (Canada)

Lecturers

Engr. Qurat-ul-Ain	M.Sc. (Pak)
Engr. Mansoor-ul-Hassan	M.Sc. (Pak)
Engr. Saira Bano	M.Sc. (Pak)
Engr. Unsia Habib	M.Sc. (Pak)
Engr. Wajid Ali	M.Sc. (Pak)

Laboratory Engineer

Engr. Murtaza Khan	M.Sc. (Pak)

Department of

Chemical Engineering

Peshawar Campus

Introduction

Chemical Engineering is the branch of engineering, which blends the knowledge of basic sciences with engineering to develop, design, analyze and engineer the industrial processes and plants that turn raw materials into valuable products. These processes must be accomplished in safe, cost effective and sustainable manner to create products, which are useful and essential to the modern world.Chemical Engineering is based upon the fundamentals of mass, momentum, and heat transfer, thermodynamics and chemical kinetics. Chemical Engineers are equipped with the necessary skills that encompass detailed understanding of all aspects of design, testing, scale-up, operation, control, and optimization of different unit operations. They are familiar with many industries such as petroleum and petrochemicals, plastics, fibers, paper, food processing, building materials, water desalination and pharmac-euticals. A Chemical Engineering degree is also a good preparation for careers in pollution prevention and waste minimi-zation.

Academic Programs

- B.Sc Chemical Engineering
- M.Sc Chemical Engineering
- Ph.D Chemical Engineering

Mission

To produce graduates of excellent technical, professional and scientific background in chemical engineering for the benefits of global society to work with the industry and community to help in boosting national economy and professional well-being.

The Program Educational Objectives (PEO's)

The undergraduate program in the department of chemical engineering embodies the following expected accomplishments of graduates,

PEO-1. Be engaged in advanced studies in chemical engineering or professional development towards continuing education opportunities related to their careers.

PEO-2. Be successful leaders in applying chemical engineering principles and techniques for continued industrial growth and sustainable development.

PEO-3. Be expected as a contributor with leading role to participate in the development of socio-economic environment of the community and society through their professional career and entrepreneurships.

Field Visits / Industrial Visits

The Department is in close contact with government departments and private chemical industries. Field visits to chemical industries are arranged regularly, ranging across the whole country. Such field visits are found very helpful in broadening the vision of the students in the field of Chemical Engineering.

Internship

Apart from academic activities, students are required to complete 800 hours of practical training as part of the B.Sc. Chemical Engineering Degree. This practical training is arranged during summer vacations in various national and international organizations and chemical industries. The major fields of interest are petroleum refinery, gas processing, petrochemical, polymer, sugar, fertilizer, cement, glass, ceramic and other process industries. This training also helps students in the selection of their final year projects for addressing existing field oriented problems. Various companies including Oil and Gas Development Company Limited, MOL, Fauji Fertilizer Company, Bestway Cement, Cherat Cement, Attock Oil Refinery, Pakistan Ordinance Factory, PCSIR, Frontier Ceramics, Mari Petroleum, Pakistan Petroleum Limited and many other national and multi-national level companies offer internships to the students of department.

Research

Chemical Engineering Department offers state-of–the–art equipment and high-tech laboratories to facilitate the undergraduate and postgraduate students in lab work and research projects to acquire the understanding of various chemical process by providing small-scale units and simulated industrial works environment.

Department of Chemical Engineering helps equip students with practical knowledge and troubleshooting skills through its various computer-controlled and upto-date laboratories such as Chemical Process Technology, Chemical Reaction Engineering, Chemistry, Environmental Engineering, Fluid Flow, Fuel and Combustion, Heat Transfer, Instrumentation and Control, mass Transfer, Particle Technology, Simultaneous Heat & mass Transfer (SHMT), Thermodynamics and advanced Process Simulation Laboratories.

Placement Opportunities

There is a broad range of employment opportunities for Chemical Engineers, from large multi-national companies to small locally based companies, e.g. refineries, oil and gas fields, fertilizer industries, cement plants, ceramic and pharmaceutical industries. Graduates of this department are recognized as amongst the country's finest Chemical Engineers. The Department has so far produced around 900 engineers. Our graduates are working effectively in various chemical engineering related fields having highly attractive packages at both national and international level; most of them are holding responsible positions in public and private organizations. Some graduates are also making career in teaching and research by pursuing advanced studies abroad.

Scheme of Studies

Semester 1		Contact hours		Credit hours
Course Code	**Course Title**	**Lecture**	**Lab.**	**Total**
BSI-181	Applied Physics	3	0	3
BSI-181L	Applied Physics Lab.	0	3	1
BSI-133	Functional English	3	0	3
BSI-101	Islamic Studies	2	0	2
BSI-111	Linear Algebra	3	0	3
ChE-101	Chemical process Industries	3	0	3
ChE-101L	Chemical process Industries Lab	0	3	1
	Total Contact Hours	14	6	
	Total Credit Hours	14	2	16

Semester 2		Contact hours		Credit hours
Course Code	**Course Title**	**Lecture**	**Lab.**	**Total**
BSI-117	Physical & Analytical Chemistry	3	0	3
BSI-117L	Physical & Analytical Chemistry Lab	0	3	1
BSI-143	Communication Skills	2	0	2
BSI -110	Pakistan Studies	2	0	2
BSI-122	Calculus	3	0	3
BSI-142L	Computer Fundamentals	0	3	1
ME-106L	Engineering Workshop	0	3	1
CHE-102	Chemical Process Calculations-I	3	0	3
	Total Contact Hours		9	
	Total Credit Hours	13	3	16

Semester 3		Contact hours		Credit hours
Course Code	**Course Title**	**Lecture**	**Lab.**	**Total**
BSI-118	Organic & Inorganic Chemistry	3	0	3
BSI-118L	Organic & Inorganic Chemistry Lab	0	3	1
BSI-221L	Computer Programming	0	3	1
EE-210	Electrical Engineering	2	0	2
EE-210 L	Electrical Engineering Lab	0	3	1
CHE-203	Chemical Process Calculations-II	3	0	3
CHE-204	Fluid Mechanics-I	2	0	2
CHE-205	Particle Technology	3	0	3
CHE-205L	Particle Technology Lab	0	3	1
	Total Contact Hours		12	
	Total Credit Hours	13	4	17

Semester 4		Contact hours		Credit hours
Course Code	**Course Title**	**Lecture**	**Lab.**	**Total**
BSI-231	Differential Equation	3	0	3
ME-104	Engineering Drawing & CAD	1	0	1
ME-104 L	Engineering Drawing & CAD Lab	0	3	1
CHE-206	Mass Transfer	2	0	2
CHE-207	Fuels & Energy Engineering	3	0	3
CHE-207 L	Fuels & Energy Engineering Lab	0	3	1
CHE-208	Heat Transfer-I	2	0	2
CHE-209	Chemical Engineering Thermodynamics-I	3	0	3
CHE-209L	Chemical Engineering Thermodynamics Lab	0	3	1
	Total Contact Hours		9	
	Total Credit Hours	14	3	17

Semester 5		Contact hours		Credit hours
Course Code	**Course Title**	**Lecture**	**Lab.**	**Total**
CHE-310	Chemical Engineering Thermodynamics-II	3	0	3
CHE-311	Fluid Mechanics-II	2	0	2
CHE-311L	Fluid Mechanics-Lab	0	3	1
CHE-312	Separation Processes-I	3	0	3
CHE-312L	Separation Processes-I (Lab)	0	3	1
CHE-313	Engineering Materials	2	0	2
ChE-314	Heat Transfer-II	2	0	2
ChE-314L	Heat Transfer-Lab	0	3	1
CHE- 315	Engineering Economics	2	0	2
BSI-120	Professional Ethics	2	0	2
	Total Contact Hours		9	
	Total Credit Hours	16	3	19

Semester 6		Contact hours		Credit hours
Course Code	**Course Title**	**Lecture**	**Lab.**	**Total**
BSI-242	Numerical Analysis	2	0	2
BSI-242L	Numerical Analysis Lab	0	3	1
CHE-316	Plant Safety & Maintenance Engg.	2	0	2
CHE-317	Statistics and Experimental Design	2	0	2
CHE-318	Process Design & Simulation	2	0	2
CHE-318L	Process Design & Simulation Lab	0	3	1
CHE-319	Chemical Reaction Engineering	3	0	3
CHE-319L	Chemical Reaction Engineering Lab	0	3	1
CHE-320	Tech: Report Writing & Presentation Skills	1	0	1
CHE-320L	Tech: Report Writing & Presentation Skills Lab	0	3	1
	Total Contact Hours		12	
	Total Credit Hours	12	4	16

Semester 7		Contact hours		Credit hours
Course Code	**Course Title**	**Lecture**	**Lab.**	**Total**
CHE-421	Industrial Management	2	0	2
CHE-422	Process Analysis & Optimization	2	0	2
CHE-422L	Process Analysis & Optimization Lab	0	3	1
CHE-423	Separation Processes-II	2	0	2
CHE-423L	Separation Processes-II (Lab)	0	3	1
CHE-424	Elective-I	2	0	2
CHE-425	Chemical Engg Plant Design	3	0	3
CHE-426	Final Year Project-I	0	9	3
	Total Contact Hours		15	
	Total Credit Hours	11	5	16

Semester 8		Contact hours		Credit hours
Course Code	**Course Title**	**Lecture**	**Lab.**	**Total**
CHE-427	Transport Phenomena	3	0	3
CHE-428	Instrumentation & Process Control	3	0	3
CHE-428L	Instrumentation & Process Control Lab	0	3	1
CHE-429	Elective-II	2	0	2
CHE-430	Environmental Engineering	3	0	3
CHE-430L	Environmental Engineering Lab	0	3	1
CHE-429	Final Year Project-II	0	9	3
CHE-432	Entrepreneurship in Chemical Engg.	2	0	2
	Total Contact Hours		15	
	Total Credit Hours	13	5	18

Total Credit Hours= 135

Electives: Polymer Engineering, Petroleum Refining Engineering, Renewable Energy Resources and Systems, Bio-Chemical Engineering, Food Process Engineering, Introduction to Nano Technology, Petrochemical Engineering, Mineral Processing, Multiphase Process Engineering and Electrochemical Engineering.
Courses from other Disciplines of Engineering can also be offered in place of Department Elective-I, II.

Chairman

Prof. Dr. Sahar Noor	Ph.D. (UK)

Professors

Prof. Dr. Iftikhar Hussain	Ph.D. (UK)
Prof. Dr. Sahar Noor	Ph.D. (UK)
Prof. Dr. Misbah Ullah	Ph.D. (S.Korea)

Assistant Professors

Dr. Rashid Nawaz	Ph.D. (Pak)
Engr. Fawad Haidar	M.Sc. (UK)
Dr. Sikandar Bilal Khattak	Ph.D. (Pak)
Engr. Khawar Naeem	M.Sc. (Pak)
Dr. Imran Ahmad	Ph.D. (S.Korea)
Engr. Altaf Hussain	M.Sc. (Pak)
Engr. Aamir Sikandar	M.Sc. (UK)

Lecturers

Engr. Abdur Rehman Babar	M.Sc. (Pak)
Engr. Mahawish Mahmood	M.Sc. (Pak)
Engr. Muhammad Abas	M.Sc. (Pak)

Laboratory Engineers

Engr. Qazi Salman Khalid	M.Sc. (Pak)
Engr. Shakir Azim	M.Sc. (Pak)
Engr. Muhammad Waseem	M.Sc. (Pak)
Engr. Lal Sayd	B.Sc. (Pak)

Department of Industrial Engineering

Peshawar Campus

Introduction

Industrial Engineering is a discipline which can contribute a lot towards the optimization and integration of resources, streamlining of processes, eliminating waste, meeting targets and improving quality. With such a powerful combination of various engineering elements coupled with strong management sciences, it was inevitable to launch an Industrial Engineering (IE) discipline at University of Engineering and Technology (UET) Peshawar to produce proper knowledgeable and skilled people for our manufacturing and service sectors. The UET Peshawar launched the IE program in September 2006. Our curricula both at the undergraduate and postgraduate levels are rich in contents covering manufacturing, optimization, quality, ergonomics and management. Working engineers from other engineering disciplines also opt for industrial engineering because their nature of jobs highly demand for industrial engineering knowledge. Our graduates are successfully serving both in national and multinational organizations.

Most of our industries use conventional technologies and conventional techniques to manage them with minimum R&D activities. The result is, low productivity, low quality, more waste, and comparatively high unit price. With such a performance and output, it is very difficult to compete even with the neighboring countries. At the national level, it is the question of survival of our local industries which are facing competition from China, India, Bangladesh and other countries from Far East. Customers are free lancers. They buy products which are affordable and better in quality, whether these products are made in Pakistan or by any other country. We need to streamline and improve the performance of our industries and at the same time need to go for the emerging technologies to compete at the international level to widen the scope and contribute more effectively towards the economy.

The future prospects of industrial engineers are bright not only in Pakistan but also abroad. They are typically found in organizations responsible for managing operations, manufacturing systems, process engineering, automation, supply chain management, quality control, sales, banking, hospitals, airports etc. Studying industrial engineering is one of the smartest decisions, because it is estimated that demand for these professionals will continue to rise every year. Industrial engineers are among the best paid professionals.

Academic Programs

- B.Sc. Industrial Engineering
- M.Sc. Industrial Engineering
- M.Sc. Engineering Management
- Ph.D. Industrial Engineering

All of these programs are accredited by relevant government bodies such PEC and HEC.

Mission

To produce industrial engineers having professional knowledge, research and problem-solving skills to play leading role for the economic well-being, safety and productivity of an organization and society.

Program Educational Objectives (PEO's)

The student graduating from IE shall have the;

PEO-1. Serve in industry or academia or operate their own business.

PEO-2. Exhibit quest for higher engineering educations or continued professional development.

PEO-3. Demonstrate adherence to ethical practices and community services.

List of Laboratories

Almost all subjects are augmented by practical work/tutorials. The students are trained in the following laboratories:

- Central Workshops
- Automation & Robotics
- Computer Integrated Manufacturing
- Metrology
- Engineering Mechanics
- Materials & Surface Engineering
- Computer Numerical Control (CNC)
- Ergonomics
- Virtual Manufacturing
- Computer Labs

Field Visits / Industrial Visits

Industrial visits are regularly conducted to broaden the breadth and depth of technical and practical Industrial Engineering knowledge.

Internship

As a requirement for graduation, every student must complete 800 hours of practical work/apprenticeship in an industry. Students are allowed to complete this requirement during summer holidays but not before the 4th semester.

Research

The Faculty of Industrial Engineering is actively involved in research activities, providing solution to problems of different industries in the following areas:

- Manufacturing Systems
- Industrial Processes
- Inventory Control
- Quality Control
- Operation Research
- Industrial Management
- Supply Chain Management
- Human Factors Engineering
- Engineering Management

Scheme of Studies

Semester 1		Contact hours		Credit hours
Course Code	**Course Title**	**Lecture**	**Lab.**	**Total**
BSI 142	English Composition and Comprehension	3	0	3
IE 111	Basic Industrial Electronics	2	3	3
BSI 101	Islamic Studies/Ethics	2	0	2
IE 118	Engineering Drawing and Graphics	0	6	2
IE 115	Introduction to Computing	2	0	2
IE 114	Engineering Mechanics	2	3	3
BSI 122	Calculus	3	0	3
	Total Contact Hours	14	12	
	Total Credit Hours	14	4	18

Semester 2		Contact hours		Credit hours
Course Code	**Course Title**	**Lecture**	**Lab.**	**Total**
BSI 143	Presentation & Communication Skills	3	0	3
BSI 231	Differential Equations	3	0	3
IE 115L	Introduction to Computing	0	3	1
IE 124L	Workshop Practice	0	3	1
IE 235	Materials Engineering	3	3	4
BSI 110	Pakistan Studies	2	0	2
BSI 111	Applied Linear Algebra	3	0	3
	Total Contact Hours	14	9	
	Total Credit Hours	14	3	17

Semester 3		Contact hours		Credit hours
Course Code	**Course Title**	**Lecture**	**Lab.**	**Total**
IE 122	Engineering Management	3	0	3
IE 251	Probability and Statistics	3	0	3
IE 243	Logical and Critical Thinking*	3	0	3
IE 213	Introduction to Thermo-fluids**	3	3	4
IE 237	Mechanics of Materials	3	3	4
	Total Contact Hours	15	6	
	Total Credit Hours	15	2	17

Semester 4		Contact hours		Credit hours
Course Code	**Course Title**	**Lecture**	**Lab.**	**Total**
IE 241	Engineering Economics*	3	0	3
IE 353	Metrology and Statistical Quality Control	3	3	4
IE 223	Machine Design and CAD	2	3	3
IE 352	Manufacturing Systems	3	3	4
IE 246	Technical Writing and Presentation	3	0	3
	Total Contact Hours	14	9	
	Total Credit Hours	14	3	17

Semester 5		Contact hours		Credit hours
Course Code	**Course Title**	**Lecture**	**Lab.**	**Total**
IE 412	Operation of Manufacturing Systems	3	3	4
BSI XXX	Numerical Analysis & Computer Applications	2	3	3
IE 244	Manufacturing Processes	3	3	4
IE 356	Operation Research	3	3	4
IE 355	Work Study and Methods	2	3	3
	Total Contact Hours	13	15	
	Total Credit Hours	13	5	18

Semester 6		Contact hours		Credit hours
Course Code	**Course Title**	**Lecture**	**Lab.**	**Total**
IE 360	Industrial System Simulations	2	3	3
IE 366	Production Planning and Control	2	3	3
IE 324	Project Management	2	3	3
IE 361	Human Factor Engineering	2	3	3
IE 312	Computer Aided Manufacturing	2	3	3
	Total Contact Hours	10	15	
	Total Credit Hours	10	5	15

Semester 7		Contact hours		Credit hours
Course Code	**Course Title**	**Lecture**	**Lab.**	**Total**
IE 472	Design of Experiments**	3	3	4
IE 358	Industrial Facilities Design	2	3	3
IE 321	Instrumentation and Control**	3	3	4
IE 4XX	Elective I	3	0	3
IE 498	Final Year Project I	0	9	3
	Total Contact Hours	11	18	
	Total Credit Hours	11	6	17

Semester 8		Contact hours		Credit hours
Course Code	**Course Title**	**Lecture**	**Lab.**	**Total**
IE 423	Environment, Maintenance and Safety	3	0	3
IE 4XX	Elective II	3	3	4
IE 4XX	Elective III	3	0	3
IE 4XX	Elective IV	3	3	4
IE 499	Final Year Project II	0	9	3
	Total Contact Hours	12	15	
	Total Credit Hours	12	5	17

Total Credit Hours = 136
***Can be replaced by some other course of Social Sciences**
****Can be replaced by courses from other Disciplines of Engineering**

- Subject to change
- Theory & Lab courses are treated separately and code for lab courses is followed by L.

Department of

Industrial Engineering

Jalozai Campus

Introduction

Industrial Engineering is a discipline which can contribute a lot towards the optimization and integration of resources, streamlining of processes, eliminating waste, meeting targets and improving quality. With such a powerful combination of various engineering elements coupled with strong management sciences, it was inevitable to launch an Industrial Engineering (IE) discipline at University of Engineering and Technology (UET) Peshawar, Jalozai Campus to produce proper knowledgeable and skilled people for our manufacturing and service sectors. The UET Peshawar, Jalozai Campus launched the IE program in September 2015. Our curricula both at the undergraduate and postgraduate levels are rich in contents covering manufacturing, optimization, quality, ergonomics and management. Working engineers from other engineering disciplines also opt for industrial engineering because their nature of jobs highly demands for industrial engineering knowledge. Our graduates are successfully serving both in national and multinational organizations.

Most of our industries use conventional technologies and conventional techniques to manage them with minimum R&D activities. The result is, low productivity, low quality, more waste, and comparatively high unit price. With such a performance and output, it is very difficult to compete even with the neighboring countries. At the national level, it is the question of survival of our local industries which are facing competition from China, India, Bangladesh and other countries from Far East. Customers are free lancers. They buy products which are affordable and better in quality, whether these products are made in Pakistan or by any other country. We need to streamline and improve the performance of our industries and at the same time need to go for the emerging technologies to compete at the international level to widen the scope and contribute more effectively towards the economy.

The future prospects of industrial engineers are bright not only in Pakistan but also abroad. They are typically found in organizations responsible for managing operations, manufacturing systems, process engineering, automation, supply chain management, quality control, sales, banking, hospitals, airports etc. Studying industrial engineering is one of the smartest decisions, because it is estimated that demand for these professionals will continue to rise every year. Industrial engineers are among the best paid professionals.

Academic Program:

- B.Sc. Industrial Engineering

Mission

To produce industrial engineers having professional knowledge, research and problem-solving skills to play leading role for the economic well-being, safety and productivity of an organization and society.

Program Educational Objectives (PEO's)

The graduates of B.Sc. Industrial Engineering have the ability to:

PEO-1. Serve in industry or academia or operate their own business.

PEO-3. Exhibit quest for higher engineering education or continued professional development

PEO-3. Demonstrate adherence to ethical practices and community services

List of Laboratories:

- Central Workshops & Manufacturing Processes
- Metrology
- Engineering Mechanics
- Human Factors Engineering & Safety Center
- Production Automation and Robotics
- Materials Engineering
- Electronics (shared)
- Thermo-Fluids(Shared)

Field Visits / Industrial Visits:

Industrial visits are regularly conducted to broaden the breadth and depth of technical and practical Industrial Engineering Knowledge.

Internship

As a requirement for graduation, every student must complete 800 hours of practical work / apprenticeship in an industry. Students are allowed to complete this requirement during summer holidays but not before 4th semester.

Research

The Faculty of Industrial Engineering is actively involved in research activities, providing solution to problems of different industries in the following areas:

- Manufacturing Systems
- Industrial Automation
- Engineering Management

Scheme of Studies

For Scheme of Studies, please refer to page No. 38

Coordinator

Prof. Dr. Shahid Maqsood	Ph.D. (UK)

Chairman

Prof. Dr. Shahid Maqsood	Ph.D. (UK)

Professor

Prof. Dr. Shahid Maqsood	Ph.D. (UK)

Associate Professor

Dr. Rehman Akhtar	Ph.D. (USA)

Assistant Professors

Dr. Tufail Habib	Ph.D.(Denmark)
Dr. Muhammad Tufail	Ph.D. (Canada)
Dr. Muhammad Omair	Ph.D (S. Korea)

Lecturers

Engr. Muhammad Arshad	M.Sc. (UK)
Engr. Ishrat Noor	M.Sc. (Pak)
Engr. Uroosa Nadir	M.Sc. (Pak)

Laboratory Engineers

Engr. Mohsin Iqbal Qazi	M.Sc. (Pak)
Engr. Muhammad Zubair	M.Sc. (Pak)

Director

Prof. Dr. Rizwan M. Gul	Ph.D. (MIT, USA)

Associate Professor

Dr. Adnan Daud Khan	Ph.D. (Italy)

Assistant Professors

Dr. Najeeb Ullah	Ph.D. (Cambridge, UK)
Dr. Abdul Basit	Ph.D. (Denmark)
Dr. Affaq Qamar	Ph.D. (Italy)
Dr. Muhammad Noman	Ph.D. (Italy)
Dr. Muhammad Arif	Ph.D. (France)
Dr. Khurshid Ahmad	Ph.D. (China)
Dr. Muhammad Hassan	Ph.D. (China)
Dr. Zohaib-ur-Rehman Afridi	Ph.D. (China)

Lecturers

Engr. Kaleem Ullah	M.Sc. (Pak)
Engr. Muhammad Aslam	M.Sc. (Pak)
Engr. Muhammad Shoaib Khan	M.Sc. (UK)
Engr. Zafarullah Khan	M.Sc. (Pak)
Engr. Noor Muhammad	M.Sc. (Pak)
Engr. Amir Naveed	M.Sc. (Pak)
Engr. Atif Sardar Khan	M.Sc. (Pak)

Laboratory Engineers

Engr. Muhammad Saad Rehan	B.Sc. (Pak)
Engr. Fahad Ullah Zafar	B.Sc. (Pak)
Engr. Waqas Ahmad Khalil	M.Sc.(Pak)
Engr. Engr. Saad Rashid	M.Sc. (Pak)
Engr. M. Kamran Shereen	M.Sc. (Pak)
Engr. Maoz	M.Sc. (Pak)

U.S.-Pakistan Center for Advanced Studies in Energy

Energy Engineering Program

Hayatabad, Peshawar

Introduction

The Energy Engineering program is designed to develop capacity building in a rapidly developing knowledge bank to meet the ever-increasing demand for energy through conventional and modern technologies. The program covers broad spectrum of energy from conventional power generation to renewable and alternative energy technologies as well as energy policy, energy management, energy systems maintenance, energy audit, energy quality, environment, system reliability and energy economics. In addition, the curriculum is flexible, broad and diverse enough to allow students to tailor their educational experience to specific interests, background, and expected role in the society.

Graduate students will be able to apply acquired knowledge and skills as a successful professional engineer in various industries engaged in designing, manufacturing and processing in the area of power plants, power generation, transmission and distributions, refrigeration and air conditioning and renewable and sustainable energy. Moreover, students will acquire academic background and basic research skills to pursue graduate studies at national and international level.

Academic Programs

- B.Sc. Energy Engineering

Mission

To produce trained human resource in the discipline of Energy Engineering for addressing needs of energy sector and enhancing economic growth of the country through innovation, research, leadership and entrepreneurship.

Program Educational Objectives (PEO's)

Program Education Objectives (PEOs) are broad statements that describe what graduates are expected to achieve a few years after graduation. Following are the PEOs of Energy Engineering Program at USPCAS-E,UET Peshawar:

PEO-1: The graduates will be capable of integrating Energy Engineering principles for addressing challenges of energy sector.

PEO-2: The graduates will be engaged in continuous professional development and shall exhibit quest for independent learning.

PEO-3: The graduates will exhibit positive attitude towards work, and will have strong confidence level, critical thinking, decision making, and leadership skills.

List of Laboratories

The Department boasts the following well equipped advanced laboratories, enabling students to get a strong grasp of the theoretical knowledge gained in a classroom:

- Material Synthesis Laboratory I and II
- Material Characterization Laboratory
- Material Testing & Thermal Analysis Laboratory
- Electron Microscopy Laboratory
- Thermal Laboratory I and II
- Power Systems Laboratory
- Simulation Laboratory
- Workshop

Research

The department has a well-qualified faculty, which actively participates in the university`s academic and research activities. Research activities are carried out in variety of fields such as:

- Solar photovoltaics
- Power systems
- Solar thermal technologies
- Wind Energy
- Biomass
- Energy Materials
- Smart Grid
- Energy Management

Scheme of Studies

Semester 1		Contact hours		Credit hours
Course Code	**Course Title**	**Lecture**	**Lab.**	**Total**
BSI - 121	Computer Programming	2	0	2
BSI - 121 L	Computer Programming Lab	0	3	1
ENE - 101	Engineering Mechanics	3	0	3
BSI - 101	Islamic Studies or Ethics	2	0	2
BSI - 122	Calculus	3	0	3
BSI - 181	Applied Physics	3	0	3
BSI - 181 L	Applied Physics Lab	0	3	1
ENE - 111	Introduction to Energy Engineering	3	0	3
	Total Contact Hours	16	6	
	Total Credit Hours	16	2	18

Semester 2		Contact hours		Credit hours
Course Code	**Course Title**	**Lecture**	**Lab.**	**Total**
ENE - 102 L	Workshop Technology	0	3	1
ENE - 131	Electrical Circuits and Networks	3	0	3
ENE - 131 L	Electrical Circuits and Networks Lab	0	3	1
BSI - 110	Pakistan Studies	2	0	2
ENE - 103	Mechanics of Materials	3	0	3
ENE - 103 L	Mechanics of Materials Lab	0	3	1
ENE - 104	Engineering Drawing, Graphics, and CAD	2	0	2
ENE - 104 L	Engineering Drawing, Graphics, and CAD Lab	0	3	1
BSI - 231	Differential Equations	3	0	3
	Total Contact Hours	13	12	
	Total Credit Hours	13	4	17

Semester 3		Contact hours		Credit hours
Course Code	**Course Title**	**Lecture**	**Lab.**	**Total**
ENE - 221	Engineering Thermodynamics	3	0	3
ENE - 221 L	Engineering Thermodynamics Lab	0	3	1
BSI - 111	Linear Algebra	3	0	3
ENE - 222	Fluid Mechanics	3	0	3
ENE - 222 L	Fluid Mechanics Lab	0	3	1
ENE - 201	Engineering Materials	3	0	3
BSI - 142	English Composition and Comprehension	3	0	3
	Total Contact Hours	15	6	
	Total Credit Hours	15	2	17

Semester 4		Contact hours		Credit hours
Course Code	**Course Title**	**Lecture**	**Lab.**	**Total**
BSI - 242	Numerical Analysis	3	0	3
ENE - 202	Instrumentation & Measurements	3	0	3
ENE - 202 L	Instrumentation & Measurements Lab	0	3	1
ENE - 223	Heat and Mass Transfer	3	0	3
ENE - 223 L	Heat and Mass Transfer Lab	0	3	1
BSI - 351	Probability and Statistics	3	0	3
ENE - 211	Solar Energy Systems	3	0	3
ENE - 211 L	Solar Energy Systems Lab	0	3	1
	Total Contact Hours	15	9	
	Total Credit Hours	15	3	18

Semester 5		Contact hours		Credit hours
Course Code	**Course Title**	**Lecture**	**Lab.**	**Total**
BSI - 143	Communication & Presentation Skills	3	0	3
ENE - 331	Electrical Machines	3	0	3
ENE - 331 L	Electrical Machines Lab	0	3	1
ENE - 311	Wind and Hydro Power Conversion	3	0	3
ENE - 311 L	Wind and Hydro Power Conversion Lab	0	3	1
ENE - 321	Power Plants Engineering	3	0	3
ENE - 301	Reliability & Maintenance Engineering	2	0	2
ENE - 341	Organizational Behavior	2	0	2
	Total Contact Hours	16	6	
	Total Credit Hours	16	2	18

Semester 6		Contact hours		Credit hours
Course Code	**Course Title**	**Lecture**	**Lab.**	**Total**
ENE - 332	Control Systems	3	0	3
ENE - 332L	Control Systems Lab	0	3	1
ENE -322	Internal Combustion (IC) Engines	3	0	3
ENE - 323 L	IC Engines & Power Plants Lab	0	3	1
ENE-342	Engineering Management	2	0	2
ENE -324	Heating Ventilation and Air-conditioning (HVAC) Systems	3	0	3
ENE - 324 L	Heating Ventilation and Air-conditioning (HVAC) Systems Lab	0	3	1
ENE - 332	Power System Engineering	3	0	3
ENE - 332 L	Power System Engineering Lab	0	3	1
	Total Contact Hours	14	12	
	Total Credit Hours	14	4	18

Semester 7		Contact hours		Credit hours
Course Code	**Course Title**	**Lecture**	**Lab.**	**Total**
ENE – 411	Energy Audit and Conservation	2	0	2
ENE - 411 L	Energy Audit and Conservation Lab	0	3	1
ENE - 412	Natural Gas Engineering	3	0	3
ENE - 413	Engineering Elective I	2	0	2
ENE - 413 L	Engineering Elective I Lab	0	3	1
ENE - 431	Engineering Elective II	3	0	3
ENE - 431 L	Engineering Elective II Lab	0	3	1
ENE - 401 L	Project and Report-I	0	9	3
	Total Contact Hours	10	18	
	Total Credit Hours	10	6	16

Semester 8		Contact hours		Credit hours
Course Code	**Course Title**	**Lecture**	**Lab.**	**Total**
ENE – 441	Energy Economics, Policy and Management	3	0	3
ENE - 442	Entrepreneurship	2	0	2
ENE - 432	Engineering Elective III	3	0	3
ENE - 432 L	Engineering Elective III Lab	0	3	1
ENE - 414	Engineering Elective IV	3	0	3
ENE - 402 L	Project & Report-II	0	9	3
	Total Contact Hours	11	12	
	Total Credit Hours	11	4	15

Total Credit = 137

List of Elective Courses

No.	Course Title	Credit Hours	
		Theory	Lab
1	Power Electronics	3	1
2	Smart Grid	3	1
3	Energy and Environment	3	0
4	Energy Storage Technologies	3	0
5	Fuel Cell Technology	2	1

No.	Course Title	Credit Hours	
		Theory	Lab
6	Fuel and Combustion	2	1
7	Clean Coal Technology	2	1
8	Power System Analysis & Protection	3	1
9	Nanotechnology and Energy	3	0
10	Geothermal and Tidal Energy	3	0

No.	Course Title	Credit Hours	
		Theory	Lab
11	Photoactive Materials and Their Characterization	3	0
12	Environmental Impact Assessment	3	0
13	Petroleum and Gas Exploration	2	1
14	RS & GIS for Renewable Energy Resources	2	1
15	Bioenergy Engineering	2	1

FACULTY OF

ARCHITECTURE, ALLIED SCIENCES AND HUMANITIES

MESSAGE FROM DEAN

Welcome to the Faculty of Architecture, Allied Sciences & Humanities. The primary mission of a University is to transform human beings to the upper most levels of intellect and human values through exemplary education, technical training and research experiences. The Faculty of Architecture, Allied Sciences & Humanities is aimed to achieve these objectives in the physical & natural sciences; mathematics and design by synergizing multidimensionality of Architecture and Applied Sciences with Art and Humanities and encapsulating the universal knowledge perspectives.

The Faculty is comprised of two Departments, including Department of Architecture at Abbottabad Campus and the Department of Basic Sciences & Islamiat at main campus, Peshawar. The Department of Basic Sciences & Islamiat offers successful MS and PhD programs in Mathematics. The Department also offers 30% of the total courses for different engineering and non-engineering disciplines. The Department of Architecture offers B. Architecture degree program with aim to prepare professionals who uphold a tradition of great civilization, ready to cope with contemporary needs, creating a skyline based on historical lessons, addressing the prevailing issues with a perspective for the future challenges.

The programs offered by the Faculty of Architecture, Allied Sciences & Humanities is a beautiful blend of natural and social sciences with Architecture and Design. The faculty aims to impart knowledge through state-of-the-art learning support systems that increases employability for the graduates at national and international levels. With high quality of abstract and applied research output, we strive to improve the Departmental and University ranking at national and international levels.

Prof. Dr. Siraj ul Islam
Dean, Faculty of Architecture,
Allied Sciences & Humanities

Mission Statement

To impart knowledge in social and natural sciences for engineering and non-engineering disciplines and to produce responsible and well-rounded professionals, equipped with entrepreneurial and innovative skills, eager to contribute towards developmental vistas of society and cultural attributes through applied research and innovation.

Department of
Architecture
Abbottabad Campus

Introduction

Established in 2004, The Abbottabad Campus of University of Engineering and Technology, Peshawar offers a five years (ten semesters) course to earn the Bachelor Degree in Architecture; B.Arch.

The Campus is located in the picturesque valley of Abbottabad surrounded by green hills ideal for academics and creativity. The Department of Architecture aims to prepare professionals who uphold traditions of great civilizations, ready to cope with contemporary needs, creating a skyline based on historical lessons, addressing the prevailing issues with a perception for the future challenges.

Enjoying the position of being at the gateway to Central Asia, the Department is determined to develop linkages with the Central Asian countries and to achieve an iconic position in the region for its innovative approach to technology and its collaborative vision.

The B.Arch. Degree course at the Department of Architecture is set in such a manner that the students: Take Inspiration from Heritage- the region's extraordinary ancient civilizations and its rich living folk traditions; Innovate Technologically - correlating the wisdom of traditional building technologies with the most contemporary technology to create unique inventions for their own social context; Connect with Emerging Trends of Architecture globally and in Pakistan; Become leaders in social responsibility as development professionals - building with human values and with respect for the environment.

The Department has developed rapidly, and continues to do so with a focus on bringing these aspects to international standards: Academics and Research, Infrastructure, and Faculty Development.

Academics

Academics at the department focus on continuos upgradation of the curriculum in accordance with the developments at Pakistan level-Higher Education Commission (HEC/PCATP) curriculum-as well as the best models of contemporary international education in architecture. The Department offers students the opportunity to explore themes in the electives that are close to their cultural and regional value.

Since architecture is a multi disciplinary design field , a combination of art and science, courses have been tailored to inculcate creativity among students from Foundation Year to the Final Year Thesis Project. Each year course is attributed with a competency level benchmark to ensure students' performance throughout the Architectural Program at Abbottabad Campus.

The Department also focuses on developing interpersonal skills of the students and a broad exposure to society, engaging them in various extra - curricular activities. Students are also taken to various nationwide field trips for an exposure to different historical buildings, architecturally significant structures and to establish dialogues with other professionals practicing in the country.

Research

One of the significant aspect of the Department is the extensive involvement of faculty in research and professional practice for enhancement of academics and field experience. This also provides students an opportunity to learn in a motivated research and professional environment.

Infrastructure

Keeping its pace with the advancement, the Department has acquired latest technologies to develop a conducive environment for studying Architecture. State of the art Computer lab, technically primed crafting workshop, well equipped design studios, and a resourceful library are available for effective learning process.

Faculty

Besides having a well qualified faculty, the Department also strives to bring in both nationally and internationally renowned professionals, eminent artists and intellectuals to share their ideas, experience and work with the students and faculty of the Architecture at Abbottabad Campus. They are involved both in teaching regular courses, and provide valuable ideas and research through the Department's Lecture - Workshop Series, which makes a great contribution to the academic environment of the Department. Continuous Professional Development of the faculty is encouraged and supported.

Awards

The Department of Architecture offers various Awards and Prize Money to the students for wining design competitions conducted by the Department.

Coordinator / Assistant to Dean

Ar. Shahid Mansoor Khan	MS (URP) Pesh PGD (Lhr) Arch PGD (Env. Design)

Semester Coordinator

Ar. Habib Ullah	M. Arch (Lhr)

Assistant Professors

Ar. Shabbir-u-Qureshi	M. Arch (UET LHR)
Ar. Salman Jamil	M. Arch (USA)
Dr. Ghousia Saeed	Ph.D (UK)
Engr. Akhter Munir	MS Structural Engg. MS Engg. Managt.
Ar. Waqar Khattak	B. Arch (Lhr)
Ar. Muhammad Iqbal	M.Sc Env. Design
Ar. Muhammad Faisal Rehman	M.Sc (UIPM) Pesh

Lecturers

Engr. Irum Nasim	M.Sc (UK)
Dr. Ubaid Ullah	Ph.D (Korea)
Ar. Azmat Ali Khan	M. Arch (Lhr)
Ar. Tahir Saeed	M. Arch (Lhr)
Ar. S Mazhar Ali Shah	M. Arch (Lhr)

Visiting Faculty

Ar. / Plnr. Tahira Sadia Fazli	Assistant Professor
Dr. Amna Jahangir	Assistant Professor
Mr. Saeed Shah	Assistant Professor
Mr. Mubasir Atif	Assistant Professor
Mr. Muhammad Salman	Lecturer
Ar. Syed Mansoor Ali Shah	Lecturer
Ar. Iqra Khan	Lecturer
Ar. Urooj Shafique	Lecturer
Art. Noor-ul-Islam	Lecturer
Art. Muneeb Aqib	Lecturer
Ar. Azmat Ullah	Lecturer
Ar. Malik Fazal Ammar	Lecturer
Ar. Ghulam Jelani	Lecturer
Ar. Naveed Ahmed	Lecturer
Ar. Mehr Afroz	Lecturer

Scheme of Studies

Semester 1		Contact hours		Credit hours
Course Code	**Course Title**	**Lecture**	**Studio**	**Total**
Arch-101	Basic Design-I	0	16	8
Arch-105	Visual Communication-I	0	6	3
Arch-106	Heritage & Culture	2	0	2
BSI-101	Islamic Studies	2	0	2
BSI-142	English Composition & Comprehension	2	0	2
BSI-110	Pakistan Studies	2	0	2
	Total Contact Hours	8	22	
	Total Credit Hours	8	11	19

Semester 2		Contact hours		Credit hours
Course Code	**Course Title**	**Lecture**	**Studio**	**Total**
Arch-111	Basic Design-II	0	16	8
Arch-112	Visual Communication-II	0	6	3
Arch-116	History, Theory & Criticism-I	2	0	2
Arch-117	Environmental Studies	1	2	2
Arch-118	Building Materials	1	2	2
BSI-143	Communication & Presentation Skills	1	2	2
	Total Contact Hours	5	28	
	Total Credit Hours	5	14	19

Semester 3		Contact hours		Credit hours
Course Code	**Course Title**	**Lecture**	**Studio**	**Total**
Arch-201	Architectural Design-I	0	16	8
Arch-204	Visual Communication-III	0	6	3
Arch-206	Surveying & Leveling	1	4	3
Arch-207	History, Theory & Criticism-II	2	0	2
Arch-209	Building Construction-I	0	4	2
	Total Contact Hours	3	30	
	Total Credit Hours	3	15	18

Semester 4		Contact hours		Credit hours
Course Code	**Course Title**	**Lecture**	**Studio**	**Total**
Arch-200	Structures for Architects-I	2	0	2
Arch-210	Digital Application in Architecture-I	0	4	2
Arch-211	Architectural Design-II	0	16	8
Arch-218	History, Theory & Criticism-III	2	0	2
Arch-306	Building Construction-II	0	6	3
	Total Contact Hours	4	26	
	Total Credit Hours	4	13	17

Semester 5		Contact hours		Credit hours
Course Code	**Course Title**	**Lecture**	**Studio**	**Total**
Arch-220	Digital Application in Architecture-II	0	4	2
Arch-217	Structures for Architects-II	2	0	2
Arch-301	Architectural Design-III	0	16	8
Arch-305	Engineering Systems-I	2	0	2
Arch-309	History, Theory & Criticism-IV	2	0	2
Arch-314	Building Construction-III	0	4	2
	Total Contact Hours	6	24	
	Total Credit Hours	6	12	18

Semester 6		Contact hours		Credit hours
Course Code	**Course Title**	**Lecture**	**Studio**	**Total**
Arch-300	Structure for Architects-III	2	0	2
Arch-307	Digital Applications in Architecture-III	0	4	2
Arch-311	Architectural Design-IV	0	16	8
Arch-312	Engineering Systems-II	2	2	3
Arch-316	History, Theory & Criticism-V	2	0	2
	Total Contact Hours	6	22	
	Total Credit Hours	6	11	17

Semester 7		Contact hours		Credit hours
Course Code	**Course Title**	**Lecture**	**Studio**	**Total**
Arch-401	Architectural Design-V	0	16	8
Arch-407	Urban Design-I	2	0	2
Arch-409	Interior Spaces and Design	0	4	2
Arch-423	Elective Course	2	0	2
Arch-425	Elective Course	3	0	3
	Total Contact Hours	7	20	
	Total Credit Hours	7	10	17

Semester 8		Contact hours		Credit hours
Course Code	**Course Title**	**Lecture**	**Studio**	**Total**
Arch-411	Architectural Design-VI	0	16	8
Arch-413	Landscape & Environment	1	2	2
Arch-417	Urban Design-II	0	4	2
Arch-419	Research work & Methodology	1	2	2
Arch-424	Elective Course	2	0	2
	Total Contact Hours	4	24	
	Total Credit Hours	4	12	16

Semester 9		Contact hours		Credit hours
Course Code	**Course Title**	**Lecture**	**Studio**	**Total**
Arch-506	Thesis Design-I	0	20	10
Arch-507	Professional Practice-I	3	0	3
Arch-508	Elective Course	0	6	3
	Total Contact Hours	3	26	
	Total Credit Hours	3	13	16

Semester 10		Contact hours		Credit hours
Course Code	**Course Title**	**Lecture**	**Studio**	**Total**
Arch-517	Thesis Design-II	0	20	10
Arch-518	Professional Practice-II	2	0	2
Arch-519	Elective Course	0	6	3
	Total Contact Hours	2	26	
	Total Credit Hours	2	13	15

Total Credit Hours = 172

Note: Two contact hours of studio = 01 credit hours

Basic Sciences & Islamiat

Introduction

The Department of Basic Sciences and Islamiat UET, Peshawar came into existence in 1980. In 2009, the Department took a big leap forward by starting MS and PhD programs in applied mathematics. Since the inception of postgraduate program in Mathematics, the Department is producing a high quality of scholars meeting national and international standards who are well versed with the needs of the society. In the supportive role, the Department is involved in teaching a wide range of courses in Mathematics, Physics, Chemistry and Social sciences offered to undergraduate engineering students of the university. Being a degree awarding and a supporting department, the department carries a tremendous amount of teaching and research load simultaneously.

As it is regarded that Mathematics is the quintessence of science & engineering, thus, the role of the Department of Basic Sciences is not less than any mainstream engineering Department. Importance of non-engineering subjects in shaping and polishing of our engineers can be well gauged by the fact that HEC (Higher Education Commission) and PEC (Pakistan Engineering Council) have set a threshold of 33% share of non-engineering subjects in Bachelor of Engineering Degree Program. The Department of Basic Sciences and Islamiat is committed to effectively teach its 33 % share in all engineering disciplines in order to provide the engineering students with a solid foundation, broad perception and incorporate in them the interwoven ideas of integrated nature of sciences & engineering as well as social aspects of professional life.

The Department has achieved highest productivity in terms of publications in well-reputed international journals, national and international research collaborations, research grants and highest citations among different projects of UET, Peshawar. The Department of Basic Sciences and Islamiat, being an integral part of the engineering program is committed to achieve academic excellence in teaching and scholarly endeavors, as well as serving the academic community and society at large. Owing to its multi-disciplinary approach worldwide, the common boundaries of different engineering disciplines with science and mathematics are getting blurred. This automatically assigns a pivotal role to the Department of Basic Sciences and Islamiat UET, Peshawar.

Mission

The Department of Basic Sciences and Islamiat aims at providing comprehensive knowledge of basic scientific principles, mathematical tools and developing the personalities of the students in every aspect of life. The curriculum focuses primarily on the development of the fundamental tools that are essential for all engineering majors and strives to provide a strong foundation, which allows the students to cope up with the basic mathematical and physical concepts of engineering educations. The basic motive for the mission of this department is, "The discovery of wisdom and transmission of learning". This department provides an environment where students can learn and become competent users of Mathematics and mathematical application, Physics, Chemistry and Social Sciences. In short, the courses are not only meant for theoretical bases but for practical implementation as well. Moreover, the department contributes to the development of students, enabling them to become lifelong learners, to continue to grow in their chosen professions, and to function as productive citizens. Faculty in the department of Basic Science & Islamiat shares the belief that our research has two equally important aims: contributing important new scientific knowledge and training, inspiring new scientists and providing them research environment in the department. In fulfilling this mission, the department creates an environment where the faculty continues to grow as teachers and scholars. By dint of this the faculty provides public and professional services.

Academic Programs

- Supporting all Engineering & Non-Engineering Undergraduate Programs
- Master of Science in Applied Mathematics (MS in Applied Mathematics)
- Doctor of Philosophy in Applied Mathematics (Ph.D. in Applied Mathematics)

Laboratories

- Applied Physics
- Applied Mechanics
- Graduate Computer Lab:

Research

Faculty is actively involved in research in the areas of Numerical Analysis, General Relativity & Cosmology, Image Processing, Fluid Dynamics, Applied Physics and Chemistry.

Chairman

Prof. Dr. Amjad Ali	Ph.D. (Pak)

Professors

Prof. Dr. Siraj-ul-Islam	Ph.D. (Pak)
Prof. Dr. Amjad Ali	Ph.D. (Pak)
Prof. Dr. Ali Muhammad	Ph.D. (Pak)

Associate Professors

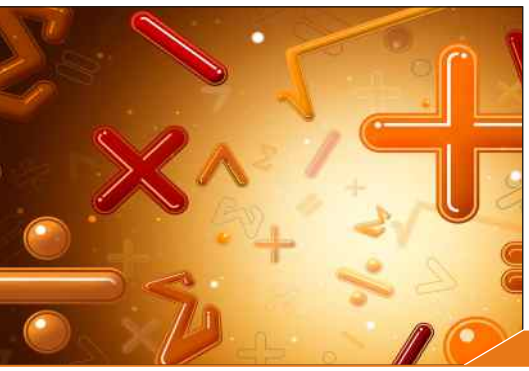
Dr. Marjan-ud-Din	Ph.D. (Pak)
Dr. Rehan Ali Shah	Ph.D. (Pak)
Dr. Noor Badshah	Ph.D. (UK)

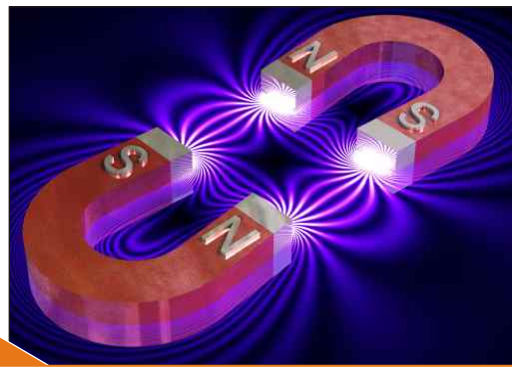
Assistant Professors

Mr. Kifayat Ullah	M.Sc. (Pak)
Mr. Javed Iqbal	M.Phil (Pak)
Dr. Muhammad Humayun	Ph.D. (Pak)
Dr. Iltaf Hussain	Ph.D. (Pak)
Dr. Tufail Ahmed Khan	Ph.D. (Pak)

Lecturers

Dr. Qayyum Shah	Ph.D. (Malaysia)
Mr. Said Anwar Shah	M.Phil (Pak)
Mr. Gul Shed	M.Phil (Pak)
Mr. Atta-ur-Rehman	M.Phil (Pak)
Mr. Jamal Nasir	M.Phil (Pak)
Mr. Iqbal-ud-Din Arif Utman	M.Phil (Pak)
Miss. Gulandam Farhat	M.A. (Pak)
Mr. Haseen Ullah Jan	M.Phil (Pak)
Mr. Ehtram-ul-Haq	M.Phil (Pak)
Miss. Shaista	M.A. (Pak)





Scheme of Studies

S.No.	Course Code	Course Title	Contact Hours		Credit Hours
			Lecture	Lab.	Total
1	BSI-111	Linear Algebra	03	0	**03**
2	BSI-101	Islamic Studies	02	0	**02**
3	BSI-110	Pakistan Studies	02	0	**02**
4	BSI-122	Calculus	03	0	**03**
5	BSI-142	English Composition & Comprehension	03	0	**03**
6	BSI-231	Differential Equations	03	0	**03**
7	BSI-242	Numerical Analysis	03	0	**03**
8	BSI-242L	Numerical Analysis	0	03	**01**
9	BSI-120	Professional Ethics	02	0	**02**
10	BSI-351	Statistics & Probability	03	0	**03**
11	BSI-143	Communication & Presentation Skills	03	0	**03**
12	BSI-162	Engineering Mechanics	03	0	**03**
13	BSI-162L	Engineering Mechanics	00	03	**01**
14	BSI-181	Applied Physics	03	0	**03**
15	BSI-181L	Applied Physics	0	03	**01**
16	BSI-133	Functional English	03	0	**03**
17	BSI-117	Physical & Analytical Chemistry	03	0	**03**
18	BSI-117L	Physical & Analytical Chemistry	0	03	**01**
19	BSI-142L	Computer Fundamentals	0	03	**01**
20	BSI-118	Organic & Inorganic Chemistry	03	0	**03**
21	BSI-118L	Organic & Inorganic Chemistry	0	03	**01**
22	BSI-221L	Computer Programming	0	03	**01**
23	BSI-362	Complex Variables & Transform	03	0	**03**
24	BSI-151	Electricity & Magnetism	03	0	**03**
25	BSI-151L	Electricity & Magnetism	0	03	**01**
26	BSI-243	Numerical Analysis & Computer Application	03	03	**04**
27	BSI-173	Calculus & Analytical Geometry	03	0	**03**
28	BSI-232	ODE & Linear Algebra	03	0	**03**
29	BSI-116	Applied Chemistry	03	0	**03**
30	BSI-116L	Applied Chemistry	0	03	**01**
31	BSI-112	Vector Calculus	03	0	**03**

RULES & REGULATIONS

ADMISSION RULES (Engineering Program)

1. GENERAL

Admission to B.Sc. Engineering shall be on the basis of merit. The allocation of seats in each discipline of engineering in Peshawar, Bannu, Abbottabad, Kohat and Jalozai Campuses is shown on Pages 62-63. Candidates admitted against any reserved quota in the Department of Electrical, Mechanical & Civil Engineering (Peshawar Campus) shall be adjusted as under:-

(a) Department of Electrical Engineering
Communication: Three Sections
Power: One Section

(b) Department of Mechanical Engineering
Three Sections

(c) Department of Civil Engineering
Three Sections

2. ELIGIBILITY FOR ADMISSION

Admission to B.Sc. Engineering shall be open to the following categories of candidates:

2.1 Open Merit Seats

Candidates applying for admission on open merit seats must meet the following conditions:

(a) They must have Khyber Pakhtunkhwa (Settled areas) domicile.

(b) They must have appeared in the Entrance Test conducted by the Government of Khyber Pakhtunkhwa, Educational Testing and Evaluation Agency (ETEA) Peshawar for the Academic Session 2020-21. The Entrance test is valid for one academic year only.

(c) They must possess any one of the following qualifications:

(i) Intermediate (Pre-Engineering) certificate with the subjects of Mathematics, Physics and Chemistry from a recognized Board of Intermediate and Secondary Education in Pakistan with atleast 60% unadjusted marks.

(ii) Intermediate (Pre-Engineering) certificate with the subjects of Mathematics, Physics and Computer Science from a recognized Board of Intermediate and Secondary Education in Pakistan with atleast 60% unadjusted marks. Such candidates are eligible for admission to Computer Systems Engineering and Computer Science only.

(iii) A certificate equivalent to the Intermediate (Pre-Engineering) examination with atleast 60% unadjusted marks. Such candidates shall have to produce "Equivalence and Conversion of Marks Certificate" issued by the Inter Board Committee of Chairmen, Government of Pakistan, Ministry of Education, Islamabad, alongwith the application form. Pakistani Nationals are further required to have qualified the subjects of Islamiat, Pakistan Studies and Urdu at either SSC or Intermediate levels.

(iv) The candidates other than Afghan nationals who have passed Baccalaureate Grade- 12 Examination Certificate from Afghanistan are ineligible to apply for admission on OPEN MERIT or any other RESERVED QUOTAS.

2.2 Quota Seats

Candidates applying against reserved quotas must fulfill the requirement of qualification mentioned in 2.1 (c) above and also meet the following conditions:

(a) They must have domicile of the relevant area and meet the additional conditions of the relevant quotas, stated in section 4, below.

(b) B-Tech degree or 3 years Post-Matric Diploma of Associate Engineer, with atleast 60% unadjusted marks. Such candidates are eligible for admission against the reserved seats of Diploma Holders in their specific field only.

(C) Candidates with domicile of Khyber Pakhtunkhwa/erstwhile FATA must have appeared in the Entrance Test conducted by the Government of Khyber Pakhtunkhwa, Educational Testing & Evaluation Agency (ETEA) Peshawar for the Academic Session 2020-21. The Entrance Test is valid for one academic year only.

(d) Candidates studying abroad and candidates with domicile of other provinces, seeking admission on reserved seats in this University must have passed Scholastic Aptitude Test (SAT-II) (Physics, Chemistry, Mathematics) with a minimum score of 800 (valid for two years) or appeared in the entrance test from any other Pakistan Engineering Council (PEC) accredited public sector engineering university of the respective province (valid for one academic year).

(e) Candidates belonging to AJK & Northern Areas and seeking admission against the reserved seats in this University may appear in the entrance test conducted by ETEA or any other public sector, PEC accredited engineering university in Pakistan.

(f) Applications of candidates whose results are not declared till the last date of submission of application form for admission shall not be considered.

Note: Applications for entrance test and admission complete in all respect must reach to the Directorate of Admissions on or before the closing dates announced.

3. APPLICATION PROCEDURE

3.1 Candidates belonging to categories 1, 2, 3, 12, 13, 14, 15, 19 (a, b, c & h) and 20 mentioned on Page No. 62 and 63 are directed to submit their application forms for entrance test to the Directorate of Admissions, UET, Main Campus, Peshawar on or before the last date advertised for the purpose. Applications received after the closing date shall not be entertained. Incomplete applications shall stand rejected.

3.2 3.2 Candidates applying under categories 4, 5, 6, 7, 8, 9, 10, 12, 14, 15, 16, 17, 18, and 20 mentioned on Page No. 62 and 63 shall submit their applications through their nominating agencies. Disciplines for these categories shall be allotted by the nominating agencies. The University shall communicate the last date for the receipt of nominations to the concerned nominating agencies.

3.3 Candidates applying under categories 10, 11, 12, 13, 14, 15, 17, 18, 19 and 20 on Page No. 62 and 63 having Khyber Pakhtunkhwa domiciles are also eligible to compete on open merit. Separate application forms for applying under category 19 will have to be submitted to the Directorate of Admissions, UET Main Campus, Peshawar on or before the last date advertised for the purpose. The candidates will have to appear in the entrance test to be conducted by ETEA.

3.4 Candidates applying under categories 2, 4, 5, 6, 7, 8, 9, 16, 20 (d, e, f & g) mentioned on Page No. 62 and 63 are ineligible to compete on open merit basis.

3.5 Candidates applying for more than one category will submit separate applications on prescribed forms of reserved quotas for each additional category.

3.6 Candidates selected for admission shall submit original documents at the time of admission/ interview. Original documents of candidates shall be retained by the department concerned and shall be returned at the time of leaving the University. Documents once submitted with application form cannot be changed and shall be considered as final. The University will get all documents of admitted students of university verified from concerned Boards/Institutions. The affiliated Engineering Colleges shall be responsible for verification of documents of their admitted students.

3.7 List of documents (Attested Photocopies) to be submitted with Application Forms.

(i) DMCs of SSC and Intermediate (Pre-Engg/Pre-Medical) Part-I & Part-II (Separate).
(ii) DMC of Additional Mathematics, (if applicable).
(iii) DMCs of B-Tech/Diploma of Associate Engineer (DAE), if applicable (All examinations).
(iv) Original/Provisional Certificate of SSC.
(v) Hafiz-e-Quran Certificate from a recognized institution (if applicable).
(vi) Domicile Certificate of the Candidate.
(vii) Father's/Mother's/Guardian's Computerized National Identity Card.
(viii) Computerized National Identity Card or Children Registration Certificate (CRC) of the applicant.
(ix) Good Character Certificate from the institute last attended.

In addition to the above documents, five recent passport size (passport style) coloured photographs of the candidate must be submitted.

3.8 List of original documents to be submitted at the time of admission.

(i) Detailed Marks Certificate of Intermediate (Pre-Engineering) or equivalent examination on the basis of which admission is sought. In case the examination consists of Part-I and Part-II, detailed marks certificates of each part shall be submitted.
(ii) An equivalence/marks conversion certificate, issued by the Inter-Board Committee of Chairmen, Government of Pakistan, Ministry of Education, Islamabad in case of candidates having passed equivalent examination from an institute outside Pakistan.
(iii) Original/Provisional certificate of Secondary School Certificate examination.
(iv) Detailed Marks Certificates of Secondary School or equivalent examination.
(v) Domicile Certificate of the candidate.
(vi) Hafiz-e-Quran Certificate (if applicable) from a recognized institution.
(vii) Good Character Certificate from the Head of institution most recently attended by the candidate.
(viii) Computerized National Identity Card or Children Registration Certificate (CRC) of the candidate (Attested Photocopy).
(ix) Computerized National Identity Card of the applicant's father/mother/guardian (Attested Photocopy).
(x) Migration Certificate from the concerned Board.
(xi) Medical Fitness Certificate on prescribed proforma from a registered medical practitioner, at least MBBS.
(xii) Income certificate of parents/guardian on prescribed proforma from a competent authority.
(xiii) Undertaking on a Non-judicial stamp paper worth Rs.30/- according to the prescribed proforma duly attested by the Oath Commissioner for non-indulgence in politics on campuses.
(xiv) A declaration signed by the candidate and countersigned by his/her father or guardian (as the case may be) to the effect that he/she would abide by the rules and regulations of the University and obey instructions issued to him/her from time to time by the University Authorities.
(xv) For in-service candidates, permission letter and evidence of leave for the study period from their employer.

4. RESERVED SEATS

Note: Diploma Holders / B.Tech Graduates are also eligible for admission against reserved quotas.

4.1 Federally Administered Tribal Areas (erstwhile FATA)

Ministry of States and Frontier Regions Government of Pakistan, Islamabad, shall make nominations of candidates. Candidates who fulfill

eligibility conditions may apply to the Directorate of Admissions, UET, Main Campus, Peshawar for Entrance Test as well as admissions on the prescribed forms, on or before the closing dates. 10% seats in this category are reserved for candidates who have passed their SSC and Intermediate examination from educational Institutions located within erstwhile FATA, while 90% seats will go to candidates having erstwhile FATA domicile certificates. As per admission policy 2012-13, all the erstwhile FATA candidates admitted in this University shall be required to furnish an undertaking on stamp-paper worth Rs.100/- as per proforma available in the application form.

4.2 Merged Areas of Hazara Division

Candidates who fulfill eligibility conditions may apply to the Directorate of Admissions, UET, Main Campus, Peshawar for Entrance Test and admission on separate prescribed forms on or before the closing dates. Candidates applying against seats under this category must have passed their SSC and Intermediate examination from educational institutions located within the concerned areas. Candidates having domicile certificate from Kala Dhaka are also eligible to apply against these seats.

4.3 Azad Jammu & Kashmir

Nomination of candidates fulfilling eligibility criteria shall be made by the Nomination Board, Government of Azad Jammu & Kashmir, Muzaffarabad.

4.4 Gilgit Baltistan

Nomination of candidates who fulfill the eligibility criteria shall be made by the Director of Education, Gilgit Baltistan.

4.5. Balochistan Province

Nominations against the six (6) seats of candidates who fulfill the eligibility criteria shall be made by the Director of Colleges, Higher & Technical Education, Govt. of Balochistan, Quetta. The nominations against the five (5) seats in self-sustained Departments shall be made by the Higher Education Commission, Islamabad.

4.6 Punjab Province

Nomination of candidates who fulfill the eligibility criteria shall be made by the Secretary to Government of Punjab, Higher Education Department, Lahore. The candidates may contact Deputy Registrar, UET, Lahore.

4.7 Sindh Province

Candidates who fulfill the eligibility criteria shall apply for admission to their concerned engineering universities. The nominations shall be made by the Section Officer (C&PS& Literacy), Government of Sindh, Education Department, Karachi.

4.8 Army Seats

Nomination of candidates who fulfill the eligibility criteria shall be made by the GHQ, Rawalpindi.

4.9 Air Force Seat

Nomination of candidates who fulfill the eligibility criteria shall be made by the Rear Air Head-quarters, Peshawar.

4.10 Diploma Holder Seats

Candidates must have domicile certificate of settled Areas of Khyber Pakhtunkhwa and possess B.Tech Degree or 3 years Post Matric Diploma of Associate Engineer (DAE) in the same technology, and obtained atleast 60% unadjusted marks. They are ineligible to apply against the seats reserved for open merit. However, they will apply to Directorate of Admissions, UET, Peshawar for entrance test and admission against their reserved seats on separate prescribed form on or before the closing dates.

4.11 Foreign Applicants

Nomination shall be received through the Government of Pakistan, Ministry of Finance & Economic Affairs (Economic Affairs Division), Islamabad. Application forms should be accompanied by a certificate from an appropriate authority of the applicant's country that the applicant is a bonafide citizen and is financially sound to meet the expenditure on his/her studies.

4.12 Sons/Daughters of Employees of UET

The admission of sons/daughters of employees of UET who fulfill eligibility criteria shall be made strictly on merit interse.

(a) Sons/daughters of the following categories of employees are eligible to apply:
   (i) Permanent employees of UET who are confirmed in their service, and have atleast 3 years continuous service to their credit on the last date of submission of application forms. Adopted children/ dependents are ineligible for admission against these seats.
   (ii) Retired employees who have served the University for atleast 10 years.
   (iii) Deceased employees who died while in service of the University, provided they were confirmed in their appointment at the time of death.
   (iv) Employees serving on contract basis with at least five years cumulative service in this University.

(b) The Sons/Daughters of following employees are ineligible.
   (I) Those who have been dismissed, removed or terminated from service.
   (ii) Serving on deputation basis at UET.

(c) The wards of UET, Peshawar regular employees are exempted from Registration fee for Summer Semester/Winter Semester in the deficient Course(s).

4.13 Sons/Daughters of Employees of KP Agricultural University, Peshawar, Islamia College University Peshawar and Gomal University, D.I.Khan.

Nomination of candidates who fulfill the eligibility criteria shall be made by the respective nominating authorities of the KPK Agricultural University, Islamia College University and Gomal University on or before the last date fixed for the purpose.

4.14 District Kohistan

Candidates who fulfill the eligibility criteria may apply to the Directorate of Admissions, UET, Main Campus, Peshawar for entrance test and admission on separate prescribed forms on or before the closing dates. Candidates applying against seats under this category must have passed their SSC and Intermediate examinations from educational institutions located within District Kohistan.

4.15 District Chitral

Candidates who fulfill the eligibility criteria may apply to the Directorate of Admissions, UET, Main Campus, Peshawar for entrance test and admission on separate forms on or before the closing dates. Candidates applying against seats under this category must have passed their SSC and Intermediate examinations from educational institutions located within District Chitral.

4.16 Gadoon Amazai Area

Candidates who fulfill the eligibility criteria may apply to the Directorate of Admissions, UET, Main Campus, Peshawar for entrance test and admission on separate prescribed forms on or before the closing dates. Candidates applying against seats under this category must have passed their SSC and Intermediate examinations from educational institutions located within Gadoon Amazai Area.

4.17 Federal Capital Area

Nomination of candidates who fulfill the eligibility criteria shall be made by the Government of Pakistan, Ministry of Education, Islamabad.

4.18 District Shangla

Candidates who fulfill the eligibility criteria may apply to the Directorate of Admissions, UET, Main Campus, Peshawar for entrance test and admission on separate prescribed forms on or before the closing dates. Candidates applying against seats under this category must have passed their SSC and Intermediate examinations from educational institutions located within District Shangla.

4.19 Sports Seats

Two seats have been reserved against this category on gender equity basis (i.e. one for male and one for female candidates). Candidates who fulfill the eligibility conditions may apply to the Directorate of Admissions, UET, Main Campus Peshawar for entrance test and admission on separate prescribed forms on or before the closing dates. Candidates applying against seats under this category must be domiciled in Khyber Pakhtunkhwa / erstwhile FATA.

(a) The candidates who have remained as members of following teams shall be eligible to apply under this category. The order of preference shall be as follows.

(i) Pakistan Color Holder.
(ii) Pakistan Combined Boards Team.
(iii) All Pakistan Inter Boards Championship
(iv) Khyber Pakhtunkhwa Senior Championship (under the auspices of PSB).
(v) Khyber Pakhtunkhwa Junior Championship (under theauspices of PSB).
(vi) Inter-Colleges Board Tournament.
(vii) Supporting sports certificates:
Inter Colleges University Tournament.
Any player who represented HEC team.
Any player who represented University team.
Inter-Schools (All Pakistan, Regional, Divisional, District Tournaments)

(b) Field performance test is compulsory for those candidates who have selected by the Sports Selection Committee.

(c) Selection on "Sports seat" will be purely provisional and shall be regularized on the production of the original certificates.

(d) Based on the order of achievements if there is a tie between two or more candidates, their supporting certificates will be considered. In case of further tie a candidate with achieve-ment in individual event will get preference over a candidate with achievement in team event.

(e) The membership certificate of each sport team should contain the name of player, sport, team represented and the year of representation.

(f) The Championship certificate of one sports team should contain the name of the player, sport, team represented, name of event/category/class in which player secured championship, year of championship and position.

(g) Candidates admitted under this category will be required to produce an affidavit to the effect that they will represent the University in their respective games/sports whenever called upon to do so and that they would not play as professional or represent any other public/private institute on part time/full time basis. The required affidavit will be produced on judicial stamp paper of Rs. 30/- duly signed by the Notary Public.

(h) If a player posses higher sports certificates in addition to the priority list from (i) to (vi), the Sports Selection Committee and the Sports experts of the Committee will determine the merit of that certificate and the decision of the Committee will be considered as final. Special trails and interview will be conducted for this category of players in order to determine whether the certificate and the game level of the player (candidate) could prove the standard or not.

The Committee shall have the powers to accept or reject such certificate after the process of checking and verifications as above.

(i) Those students who have participated and achieved sports certificates in the games mentioned below will be eligible for admission against the sports seats/quota reserved for sportsmen/sportswomen:
Cricket, Football, Hockey, Basketball, Volleyball, Athletics, Badminton, Table Tennis, Tennis, Squash
In addition to the above games, preference will also be given to those individual events and team events, which are not mentioned in the games list, but played in the All Pakistan Inter-Universities Championship/ tournaments.

(j) The following Committee shall make selection of students for admission against sports seats.
   (I) Director/Assistant Director Sports, UET, Peshawar.
   (ii) Provost, UET, Peshawar.
   (iii) Director, Khyber Pakhtunkhwa Sports Boards.

Note: If none of the candidates fulfills the above-mentioned criteria, the seats shall remain vacant.

4.20 Disabled Persons

Candidates may apply to the Directorate of Admissions, UET, Main Campus, Peshawar for Entrance Test and admission on separate prescribed forms on or before the closing dates. Candidates must have Khyber Pakhtunkhwa domicile. The candidate will provide disability certificate issued by District Assessing Board, Health Department, Government of Khyber Pakhtunkhwa, Peshawar. Selection will be made by Admission Committee strictly on the basis of academic merit of the candidate declared disabled by the Medical Board.

4.21 Reservation of 23 (Twenty three) additional seats under scheme Govt. of Pakistan "Award of 2000 Scholarships for Afghan Nationals" for the Academic Session 2020-21.

23 (Twenty three) additional seats in the following disciplines have been reserved for Afghan Nationals for admission to B.Sc Engineering for the Academic Session 2020-21 under the Federal Govt. Program, "Award of 2000 Scholarships for Afghan Refugees":

1. Department of Agricultural Engg: ..... 10 seats
2. Department of Mining Engg: ..... 10 seats
3. Department of Architecture ..... 03 seats

Total 23 seats

Nominations against these seats shall be made by the Director (Academics), Govt. of Pakistan, HEC, Islamabad. Afghan Nationals seeking admission against the above reserved quota must fulfill the eligibility requirements of atleast 60% unadjusted marks in intermediate (Pre-Engineering or equivalent examination). Diploma Holders, in the same technologies, are also eligible to apply for admission with atleast 60% unadjusted marks. The Disciplines shall be allotted according to their technologies. Candidates are exempted from the requirement of Entrance Test.

4.22 Reservation of 03 (Three) seats for OIC under Higher Education Commission scholarship program "Academic and Research Linkages Bilateral Agreement"

Total 03 (three) seats are reserved for the students of least developed countries of Organization of Islamic Countries (OIC) under Higher Education Commission scholarship program "Academic and Research Linkages Bilateral Agreement".

4.23 Reservation of 05 (Five) seats for Sri Lankan Students under "Pak-Sri Lanka Higher Education cooperation Program"

05 (five) seats in the following disciplines have been reserved for Sri Lankan students under "Pak-Sri Lanka Higher Education cooperation Program" in UET Peshawar for the academic year 2020-21 through a merit based selection process:

1. Electrical Engineering (Main Campus) = 01 Seat
2. Mechanical Engineering (Main Campus) = 01 Seat
3. Civil Engineering (Jalozai Campus) = 02 Seat
4. Computer Systems Engg. (Main Campus) = 01 Seat

Nomination against these seats shall be made by the Higher Education Commission, Islamabad.

5. ENTRANCE TEST

5.1 The Entrance Test will be conducted by the Government of Khyber Pakhtunkhwa, Educational Testing & Evaluation Agency (ETEA), Peshawar.

5.2 (a) Only candidates belonging to Khyber Pakhtunkhwa/ erstwhile FATA/AJK/Northern Areas are eligible to appear in the Entrance Test who fulfill either of the following conditions.

(b) Candidates who have passed Intermediate (Pre-Engg) examination from a recognized Board of Intermediate and Secondary Education (B.I.S.E.) in Pakistan or any other equivalent examination and have obtained atleast 60% unadjusted marks.

(c) Candidates, who have passed three years Post-Maric Diploma of Associate Engineer (DAE) or B-Tech Examination and have obtained atleast 60% un-adjusted marks.

(d) Candidates who have appeared in Part-II of Intermediate (Pre-Engineering) examination or 3 years Diploma in Associate Engineer (DAE) or B-Tech examination and are awaiting their results, are also eligible to appear for entrance test. However all other admission conditions will be applicable.

(e) Candidates belonging to Federal Capital, Punjab, Sindh, AJK, Gilgit Baltistan and Balochistan are eligible to apply and appear

in the ETEA entrance test for admission only against the 05 seats reserved in each discipline at U.E.T Peshawar on non-subsidized basis for candidates other than Khyber Pakhtunkhwa.

5.3 The Entrance Test paper shall consist of 200 MCQs as per following detail:

(a) Mathematics ..... 60 MCQs
(b) Chemistry or
Computer Science ..... 60 MCQs
(c) Physics ..... 60 MCQs
(d) English ..... 20 MCQs

Each correct answer will carry 4 marks and for each wrong answer one mark will be deducted.

5.4 The Entrance Test Admit Card will be issued to each eligible candidate at the cost of Rs. 3500/- (Rupees thirty five hundred only). This money is non-refundable.

5.5 Candidates who have passed Intermediate examination with the subject of Computer Science and intend to apply for admission in Computer Systems Engineering and Computer Science & IT may take entrance test in Computer Science as a subject instead of Chemistry.

5.6 The result of the Entrance Test will be displayed on the Main Notice Board of the UET, Main Campus, Peshawar and University website **http://www.enggentrancetest.pk**.

5.7 (a) All candidates seeking admission to Engineering Institutions in private sector within the geographical territory of Khyber Pakhtunkhwa will have to appear in the Centralized Entrance Test to be conducted by ETEA.

(b) Candidates hailing from other Provinces will be considered for admission if they appear in the Centralized Entrance Test of their Province.

6. DETERMINATION OF MERIT

6.1 Merit of candidates will be determined according to the following criteria:

(i)	10% weightage to SSC Examination	Percent marks in SSC x 1
(ii)	40% weightage to marks in Part-I of Intermediate or equivalent examination (adjusted marks)	Percent marks in Part-I of the Intermediate Examination x 4
(iii)	50% weightage to entrance test	Percent marks in Entrance Test x 5

a) In case the candidate has completed his/her intermediate or equivalent qualification in 2019-20 or before, their Part-I result will be used in computation of Aggregate score calculation.

b) In case of foreign qualification/Cambridge system of education/equivalent, letter grade will be converted to percent marks by IBCC formula. IBCC equivalent certificate is required to be submitted after admission.

c) In case of Diploma of Associate Engineer (DAE) stream: 40 % weight in merit aggregate score will be calculated based on 1st year and 2nd year results only.

d) In determining the merit of an applicant having Intermediate (Pre-Medical) with Mathematics as an additional subject, the marks obtained in the subject of Biology will be replaced by those obtained in Mathematics. Marks obtained in mathematics as an additional subject, percentage will be used in calculation of merit score.
However, candidates whose exams/results are awaited, their applications will be processed on Biology marks basis on provisional grounds subject to the condition that they must fulfill admission criteria and formalities as per defined timeline for the said purpose by the university.

e) Candidates who cancelled their papers in 1st year in 2019 with the hope to improve in 2nd year 2020, will also be processed on Hope Certificate (if needed) however they will fulfill all admission formalities as per defined schedule of the university.

6.2 The interse merit of candidates applying for reserved categories/seats shall also be determined on the basis of Entrance Test, Intermediate or equivalent and SSC marks as in the case of open merit.

6.3 To determine merit, total marks obtained by a candidate in Intermediate Examination shall be adjusted in the manner given below:

(a) For each additional attempt to pass or to improve Intermediate examination, (Part-I & Part-II), candidates will lose 10 marks. However, in any case, the total deduction of marks under this clause shall not exceed 20.

(b) Candidates taking Mathematics as additional subject shall also lose 10 marks.

(c) If a candidate is Hafiz-e-Quran, he/she will get additional twenty marks, provided that he/she qualifies the test conducted by the Admission Committee on the date and time notified for the purpose.

6.4 In case of a tie in any merit position for admission, the marks obtained in Intermediate/ equivalent examination shall over-ride. In case of a further tie, the age of the applicants shall be the criteria and the older candidate shall get preference.

7. ADMISSION PROCEDURE

7.1 The Directorate of Admissions shall call applications for admission to B.Sc. Engineering. The Admission Committee shall process all valid applications received for admission to B.Sc. Engineering.

7.2 Admission of candidates shall be based on their choice of disciplines and campuses given in the application form.

7.3 Provisional merit list will be prepared and displayed on the Notice Board of the University Main Campus, Peshawar and University Website **http://www.enggentrancetest.pk**.

7.4 The provisionally selected candidates will be informed through notification on University official webpage **http://www.enggentrancetest.pk** and display on University's Notice Board. It is the responsibly of candidates to check the Notice

Boards at University's Main Campus, Peshawar /University official webpage and appear for interview on the date announced.

7.5 (a) Candidates can change/update their preferences order before the 1st open merit list at Data Rectification Stage.

(b) Correction/Rectification form will be available at Admission Directorate on a payment of Rs. 100/-.

(c) Copy of previously submitted form will be required to be attached with correction/ rectification form.

(d) Candidate will be verified with his/her picture on "submitted form" at collection window.

7.6 Selected candidates are required to report for interview/admission alongwith their parents / guardian. Candidates will be required to complete admission formalities on the same date, failing which the seat shall fall vacant.

7.7 Subsequent to completion of first phase of admission process, adjustment of seats will be carried out and provisionally admitted students will be allotted disciplines of their higher choices strictly on merit subject to the availability of vacant seats.

7.8 Subsequent revised merit lists will only be displayed on the Notice Board of University's Main Campus, Peshawar. No separate offer letters will be issued in this regard. Applicants are themselves responsible to check the notice boards and complete admission formalities by the last date notified, failing which the seats will fall vacant.

7.9 Classes will commence on the date notified by the University.

7.10 The Admission Committee will recommend names of provisionally selected candidates to the Vice-Chancellor for approval. Admission of candidates will be confirmed after the completion of admission procedure.

7.11 (a) The admission process, including adjustment of seats, shall be completed before the commencement of the classes.

(b) Candidates applying for admission on reserved seats must complete all the admission formalities within 10 days from the date of commencement of classes. No . admission against any reserved quota shall be allowed after 10 days of the commencement of classes.

(c) The Vice-Chancellor on the recommendation of the senior most Dean may allow late admission/adjustment, in individual cases depending upon the merit of each case upto 15 days after the commencement of classes,

7.12 Within 60 days of the last date of admission, particulars of candidates shall be reported to the Vice-Chancellor on the prescribed form alongwith the recommendations of the Admission Committee for approval. After approval of the Vice-Chancellor the names of candidates shall be entered in the University students register and registration cards issued to them in token thereof.

7.13 Affiliated Engineering Colleges/Institutions shall also provide within 60 days of the last date of admission, a complete list of admitted students and other information as per prescribed proforma, for approval of the Vice-Chancellor, through Directorate of Admissions and shall deposit the prescribed fee for obtaining registration card of their students.

7.14 Affiliated Engineering Colleges/Institutions shall follow the University rules and regulations for admission.

7.15 Disciplines and campuses allotted to candidates at the end of admission process shall be final and shall not be changed.

7.16 No change of Discipline/Campus shall be allowed on mutual basis.

7.17 A bonafide student of this University who joins any other Department/Institution or Academy for the purpose of study shall be liable for immediate cancellation of his/her admission.

7.18 Changes made in rules or regulations after printing of this prospectus shall be deemed to be part of the prospectus.

7.19 Petitions against decisions of the Admission Committee shall be heard in Peshawar High Court, Peshawar.

Note:

Applicants are themselves responsible for checking the Notice Boards of UET, Main Campus, Peshawar/University official website **www.enggentrancetest.pk** for Merit List and completing admission formalities within specified time limit. Newspaper advertisements are for the convenience of the applicants only.

8. FINANCIAL ASSISTANCE BASED ON AGGREGATE SCORE

First five (05) seats in Computer Systems Engineering (Peshawar), Industrial Engineering (Peshawar), Electrical Engineering (Kohat), Electronics Engineering (Abbottabad), Computer Science and Information Technology (Peshawar) and Architecture (Abbottabad) will be offered on subsidized basis as financial assistance based on aggregate score at the time of admission. However, the financial assistance for next three years each will be calculated based on CGPA of last two consecutive semesters. Admission cancellation of any student will not extend the financial assistance of top-5 scheme to the next student, once admission is closed of that particular session.

9. ADMISSION OF FOREIGN NATIONALS

9.1 Foreign applicants seeking admission should send their applications to Ministry of Finance and Economic Affairs, Government of Pakistan, Islamabad. A certificate should accompany the application form, from an appropriate authority of the applicant's country, to the effect that the applicant is a bonafide citizen of that country and is financially sound to meet the expenditure on his/her studies.

9.2 Foreign applicants shall be required to join the University within 15 days from the date of their arrival in Pakistan alongwith valid study visa, failing which their nominations shall be cancelled.

9.3 The Higher Education Commission (HEC), Islamabad, shall issue Foreign Students Identity Cards. The students shall return these cards to HEC, Islamabad after completion of their studies.

9.4 Candidates possessing Tourist/Invalid Visas are ineligible for admission.

9.5 Ten additional seats have been reserved for Foreign Candidates on Self-Sustained Program. The nominations shall be made by Higher Education Commission (HEC), Islamabad.

9.6 Afghan Refugees registered in Pakistan with NADRA nominated by Government of Pakistan, Higher Education Commission, Islamabad, against Self Sustained Program or nominated by Government of Pakistan Ministry of Finance and Economics Affairs, Islamabad against their reserved seats on Technical Assistance Program, must fulfill the eligibility conditions of at least 60% un-adjusted marks in Intermediate (Pre-Engineering) or equivalent examination subject to qualifying the Entrance Test conducted by UET Peshawar through ETEA.

9.7 Foreign students seeking admission in B.Sc Engineering are required to Pass SAT-I and SAT-II or Entrance test conducted by public sector Engineering University.

9.8 Foreign students must have stayed and studied abroad physically and have passed Higher Secondary School Certificate (HSSC) or equivalent examination with at least 60% aggregate marks in the subjects of English, Physics, Chemistry and Mathematics. There shall be no exception to this requirement under PTAP.

9.9 If any of the particulars given by the foreign student in his/her application form for admission are found incorrect or facts suppressed his/her admission will be cancelled and the Govt: of Pakistan or University shall not accept any liability what so ever in this regard.

9.10 Total eight (08) floating seats are resevered for Indian Occupied Kashmir (IOK) with a maximum of three (03) students per discipline. The nomination shall be made by the Government of Pakistan, Ministry of Finance and Economic Affairs Division, Islamabad.

10 ADMISSION BY MIGRATION

The Admission Committee shall, on payment of Rs.800,000/- (Rupees Eight hundred thousand only) in lump sum as migration fee, recommend admission on migration basis to a student within 15 days of the commencement of semester. The admission by migration shall be allowed from PEC accredited public sector Engineering University/College / Institute provided that;

10.1 The admission is possible in the same discipline.

10.2 The applicant is a bonafide student of public sector institution accredited by PEC, Islamabad or PEC recognized foreign institution/ university (in case of migration from abroad) where from he/she is seeking admission by migration.

10.3 The applicant produces a No Objection Certificate from the University/College/ Institution, where he/she has been studying, alongwith a statement of total number of lectures attended by the applicant, and the syllabi of courses studied in order to determine equivalence for admission.

10.4 The applicant submits a certificate confirming that the student has not been debarred from taking University examination, nor has been expelled/ rusticated from the institution from which he/she intends to migrate and that no disciplinary action is pending against him/her.

10.5 The Head of the Department concerned is agreeable to accept the applicant considering physical facilities in the department and the evaluation of his academic record.

10.6 While determining the equivalence of subjects, the Chairman may direct a student to repeat those courses in which the candidate has been found deficient.

10.7 The Candidates domiciled in Khyber Pakhtunkhwa/erstwhile FATA shall be given preference.

10.8 (a) No migration shall be allowed in first, second, seventh and eighth semesters of B.Sc. Engineering.

(b) Not more than a maximum of 50% of credit hours required for the degree program should be transferred.

(c) Applicant for migration to a particular semester must have already studied and passed all courses equivalent to the courses taught in earlier semesters at this University with a minimum of CGPA of 2.00 with the exception of a maximum of two courses. If migration is allowed, the student must pass the deficient courses.

10.9 The application for migration is based on such changes in circumstances, which render it practically impossible for a student to continue his/her studies in his/her parent Institution.

10.10 The candidate should satisfy the minimum merit of that discipline/ Department for the session i.e. SSC, Intermediate and Entrance Test Marks.

10.11 Migration of a candidate domiciled in Khyber Pakhtunkhwa/ erstwhile FATA admitted in any Engineering University/College on the quota basis may be considered if the nominating agency issues a No Objection Certificate to the candidate.

10.12 No migration is allowed on "mutual" basis.

10.13 No migration shall be allowed between various campuses of the University, and from the affiliated Engineering Colleges.

11. CANCELLATION OF ADMISSION

11.1 A bonafide student of this University may apply in person, or through parents/guardian, for cancellation of admission on a non-judicial stamp paper worth Rs.50/-, duly attested by an Oath Commissioner alongwith sumbitting Clearance

Certificate. The Chairman of the concerned department shall cancel the admission of the student.

11.2 Cancellation of admission in case of students admitted in other campuses of the University shall be done by the senior most Dean, Faculty of Engineering through Directorate of Admissions on the recommendations of the Chairman of Department concerned.

11.3 In case of Cancellation of Admission under Clauses 11.1, 11.2, a student can appeal for re-admission, to be considered by the Committee constituted for this purpose, within a period of one Academic year after the cancellation of admission. The recommendations of the committee shall be considered by Admission Committee for final decision.

11.4 In case the admission of 1st semester student is cancelled due to any reason, the rules regarding University fee/dues chargeable/refundable mentioned on Page-72 of the prospectus 2020-21 will be applicable. Whereas in all other cases the University fees/dues will be charged up to the last semester attended.

11.5 Students seeking cancellation of admission will have to submit Clearance Certificate alongwith other documents for admission cancellation.

12. FREEZING OF SEMESTER

12.1 He/She will apply within 15 days of start of the classes.

12.2 He/She will be allowed to clear subjects /improve grades prior to "Freezing of Semester".

12.3 The student shall pay freezing fee for each the semester.

12.4 A student can avail maximum of two (2) opportunities of freezing a semester. However, the number of opportunities will be three (3) for students mentioned in last paragraph of clause 7.2 on P. 66.

12.5 Freezing of first semester is not allowed except for students mentioned in last paragraph of clause 7.2 (b) on P. 66.

12.6 The duration of freezing will be one year. If a student freezes a semester(s), he/she will resume his/her studies from the same stage where he/she left (froze), except for students mentioned in last paragraph of clause 7.2 (b) on P. 66.

12.7 The maximum duration of the degree program shall remain the same.

13. PERMISSION FOR SECOND STREAM OF ELECTRICAL ENGINEERING

Graduates of Electrical engineering in Power Engineering are allowed to complete course requirements of Communication Engineering, and vice-versa, under the following conditions:

13.1 Candidates seeking admission in second stream should have passed B.Sc. Electrical Engineering with a 3.00 CGPA.

12.2 The admission shall be granted on merit. The merit shall be determined on the basis of CGPA.

13.3 Total 10 floating seats shall be reserved for the second stream.

13.4 Only candidates of this university shall be allowed to take admission in the second stream.

13.5 Candidates shall be charged full academic year/semester tuition fee and user charges.

13.6 Candidates shall be registered for courses rather than for classes. They will be required to clear those subjects of the concerned stream that they have not studied in the first stream.

13.7 Candidates, who have passed first stream, shall be admitted in the fifth semester for the second stream. However, they will get credit of the common courses already studied in the first stream. Candidate of second stream may opt to take an examination in any subject in which they are exempted for having passed it during their first stream. It should, however, be made clear that previous results of the subjects shall become invalid, once they opt to re-sit in the same.

12.8 Admission shall be granted within 15 days of the commencement of fifth semester of the second stream.

13.9 Candidates applying under this category are eligible for admission within two academic years after passing the B.Sc. Electrical engineering in the first stream.

13.10 Applications on prescribed form shall be received on or before the last date to be announced for the purpose.

14. ADMISSION IN SECOND DISCIPLINE OF B.Sc ENGINEERING

14.1 Candidates seeking admission in second discipline should have passed their first discipline by obtaining minimum 2.5 CGPA from any recognized Engineering University/College. However, they will be required to clear those subjects of B.Sc. Engineering that they have not studied in first discipline.

14.2 Candidates should be registered for courses rather than for classes.

14.3 Admission shall be granted within 15 days of the commencement of first semester of the second discipline. However, they will get credit of the common courses already studied in the first discipline.

14.4 Candidates possessing domicile other than Khyber Pakhtunkhwa/erstwhile FATA and those from foreign countries may be considered for admission in second branch of B.Sc. Engineering. However, candidates from foreign countries will be required to produce NOC from their respective embassies and Government of Pakistan, Ministry of Finance & Economic Affairs, Islamabad.

14.5 Each Department may admit a total of 7 candidates in second-degree course. Admission for candidates who have domicile other than Khyber Pakhtunkhwa/erstwhile FATA, and candidates from foreign countries, shall be limited to two in each department.

14.6 Tuition fee/other user charge shall be charged as under:

(a) Candidates possessing Khyber Pakhtun-

khwa/erstwhile FATA domicile shall be charged a sum of Rs. 18,000/- (Rupees eighteen thousand) per semester at the time of registration, in addition to the normal tuition fee & user charges.

(b) Candidates having domicile other than Khyber Pakhtunkhwa/erstwhile FATA, and Foreign students shall be charged a sum of Rs. 500,000 (Rupees five hundred thousands) in lump sum at the time of admission, in addition to the normal tuition fee/user charges.

14.7 Candidates for the second-degree Program may opt to register for any subject in which they are exempted for having passed it during their first-degree Program. Previous results of the subjects shall become invalid, once they opt to re-sit in the same.

15. MIGRATION TO OTHER ENGINEERING UNIVERSITIES/ COLLEGES

15.1 A student after taking admission in this University may be allowed to migrate to other institutions after obtaining No Objection Certificate from the University Academic Section on the recommendations of the Chairman of the department.

15.2 No migration certificate shall be issued unless the student has cleared all the university dues. Migration certificate shall be issued after the cancellation of admission in the department in which the student is studying.

15.3 No migration certificate shall be issued to a student who has been debarred from taking university examination or has been expelled or rusticated, so long as the punishment remains enforced.

16. SPECIAL PROVISIONS

16.1 In all cases where these regulations are silent, the decision of the Vice Chancellor shall be final.

16.2 This prospectus applies to all undergraduate students admitted during the session 2020-21 onward. Any subsequent change/alteration in the rules made by the competent authority shall also be applicable.

16.3 The University authorities reserve the rights to make any changes in the existing statutes, regulations, rules, fee structure, allocation of seats and course of study that may be considered necessary at any time without prior notice.

16.4 No student is allowed to maintain simultaneous enrolment in any other Program of studies in other educational institutions.

16.5 In case a student enrolled in this University is found to be a regular student of some other institution, his/her admission in this University shall be cancelled.

16.6 If any of the particulars given by the candidate in his/her application for admission is found incorrect or facts suppressed, he/she shall be refused admission. If any incorrect or false statement or suppression of facts is detected after a candidate has been granted admission, his/her admission shall be cancelled and he/she shall be liable to any other disciplinary or legal action, which the University may deem fit. A student shall be expelled from the University at any time during the course of his/her studies, if for any reason, it is found that he/she was not entitled to admission in this University. A student expelled under this clause shall not be eligible to seek admission again in this university. Moreover, all the fees, funds and other user charges deposited by him shall be forfeited in favour of the University. Further, no show cause notice shall be issued in this regard.

16.7 A student will cease to be a regular student as soon as his/her final semester examination is concluded. Such a student shall not be entitled for privileges reserved for regular students.

16.8 The University makes all possible efforts for the safety of the students. However, the University shall not be responsible in the event of any injury, damages or loss to a student resulting from any cause, whatsoever, during the course of study.

16.9 Students are required to know the rules and regulations mentioned in this prospectus and notified from time to time. Ignorance of rules and regulations does not absolve them of their responsibilities.

16.10 Interpretation of these rules and regulations by authorized officers of the University shall be final.

ADMISSION RULES (Non-Engineering Program)

1. GENERAL

Admission to non-engineering Program shall be advertised alongwith other undergraduate Programs. Applications for admission should be submitted to the Directorate of Admissions, at UET Main Campus on or before the last date announced for the purpose. Currently, the University offers the following disciplines under non-engineering Program:

1. Five-Years Program of Bachelor of Architecture (Abbottabad Campus) ..... 59 Seats
2. Four-Years Program of Bachelor of Computer Science (Peshawar Campus) ..... 58 Seats
3. Four-Years Program of Bachelor of Computer Science (Jalozai Campus) ..... 50 Seats

2. ELIGIBILITY

2.1 Candidates must have the domicile of Khyber Pakhtunkhwa or erstwhile FATA.

2.2. Candidates who have passed Intermediate (Pre-Engineering) or equivalent examination and have obtained at least 60% unadjusted marks with any of the following combinations are eligible to apply for admission to non-engineering program-mes:

a. Physics, Mathematics, Chemistry

b. Physics, Mathematics, Computer Science

2.3 Diploma holders who have obtained at least 60% unadjusted marks in Diploma of Architecture or Civil Technology are also eligible for admission to Bachelor of Architecture Program.

3. ENTRANCE TEST

Candidates for non-engineering Programs shall have to appear in the Entrance Test to be conducted by ETEA. There shall be no pass marks in the ETEA Test.

4. DETERMINATION OF MERIT

4.1 Computer Science & Information Technology

Merit of candidates will be determined according to the following criteria:

(a)	10% weightage to SSC Examination	Percent marks in SSC x 1
(b)	40% weightage to Intermediate Part-I or equivalent examination (adjusted marks)	Percent marks in Intermediate Part-I x 4
(c)	50% weightage to entrance test	Percent marks in Entrance Test x 5

4.2 Bachelor of Architecture

Merit of candidates will be determined according to the following criteria:

(a)	10% weightage to SSC Examination	Percent marks in SSC x 1
(b)	40% weightage to Intermediate Part-I or equivalent examination (adjusted marks)	Percent marks in Intermediate Part-I x 4
(c)	35% weightage to entrance test	Percent marks in Entrance Test x 3.5
(d)	15% weightage to Interview	Percent marks in Entrance Test x 1.5

Note:

In case of Diploma of Associate Engineer (DAE) in Civil: 40% weightage in merit aggregate score will be calculated based on 1st year and 2nd year results only.

5. ADJUSTMENT OF MARKS

To determine merit, total marks obtained by a candidate in Intermediate Examination shall be adjusted in the manner given below:

5.1 For each additional attempt to pass or to improve Intermediate Examination (Part-I and Part-II), candidates shall lose ten marks. However, in any case, the total deduction of marks shall not exceed 20.

5.2 Candidates taking Mathematics as additional subject shall also lose 10 marks

5.3 If a candidate is Hafiz-e-Quran, he/she will get 20 marks, provided that he/she qualifies the test conducted by the Admission Committee on the date and time notified for the purpose.

In case of tie in any merit position to the selection for admission, the marks obtained in the Intermediate/equivalent examination shall be considered for merit. In case of further tie, the age of the applicants shall be the criteria and the older candidate shall get higher merit.

6. ADMISSION PROCEDURE

6.1 Admission Committee shall consider all applications received for admission and prepare a merit list. The merit list shall be displayed on the Notice Board of the Main Campus of the University on the date announced.

6.2 Selected candidates will be informed through notification on University official webpage/display on notice board/SMS. Candidates are responsible to complete admission by the last date as per schedule of interviews.

6.3 Any seats falling vacant in the first phase of admission will be offered to the next candidates in order of merit.

6.4 Classes will commence on the date notified by the University.

6.5 No further admission will be allowed after the commencement of classes.

Note:

Applicants are themselves responsible for checking the Notice Boards of UET, Main Campus, Peshawar/University official website **www.enggentrancetest.pk** for Merit List and completing admission formalities within specified time limit. Newspaper advertisements are for the convenience of the applicants only.

ADMISSION RULES (Non-Subsidized Program)

1. GENERAL

1.1 The University offers non-subsidized scheme in the following disciplines for the Academic Session 2020-21:

S.No	DEPARTMENT	SEATS
1	Deptt. of Electrical Engg. (Power) (Peshawar)	90
2	Deptt. of Electrical Engg. (Comm) (Peshawar)	40
3	Deptt. of Civil Engg. (Peshawar)	80
4	Deptt. of Mechanical Engg. (Peshawar)	80
5	Deptt. of Chemical Engg. (Peshawar)	40
6	Deptt. of Industrial Engg. (Peshawar)	30
7	Deptt. of Mechatronics Engg. (Peshawar)	30
8	Deptt. of Computer Systems Engg. (Peshawar)	40
9	Deptt. of Civil Engg. (Jalozai)	40
10	Deptt. of Electrical Engg. (Comm)(Jalozai)	40
11	Deptt. of Mechanical Engg. (Jalozai)	40
12	Deptt. of Civil Engg. (Bannu)	40
13	Deptt. of Electrical Engg. (Comm) (Bannu)	40
14	Deptt. of Energy Engineering (Peshawar)	40
	Total:	**670**

1.2 05 seats each in the above Departments will be reserved for Pakistani nationals while the rest of the seats will be offered to candidates having Khyber Pakhtunkhwa/erstwhile FATA domicile.

1.3 The Non-Subsidized Scheme in each department is subject to filling a minimum of 20 seats.

2. ADMISSION CRITERIA

2.1 The admission criteria shall remain the same i.e. at least 60% (unadjusted) marks in Intermediate (Pre-Engg) and appearance in the Entrance Test conducted by ETEA (for Khyber Pakhtunkhwa/erstwhile FATA candidates).

2.2 Candidates belonging to other provinces must have appeared in the entrance test from their respective public sector universities accredited by Pakistan Engineering Council.

2.3 Admission against these seats shall be on the basis of merit interse.

2.4 Besides clauses mentioned above, all other relevant clauses given in the Undergraduate Prospectus 2020-21 shall be applicable to this program of admission. In case of a conflict with the relevant clauses mentioned elsewhere in the Prospectus, these clauses shall prevail.

ADMISSION RULES (Affiliated Colleges)

Gandhara Institute of Science & Technology (GIST), PGS Engineering College is affiliated with the University of Engineering & Technology, Peshawar and is accredited by the Pakistan Engineering Council, Islamabad.

The institution has been successfully maintaining disciplined atmosphere on its campus and has the unique destination of holding its academic activities including admissions and examination on time. All selections and admissions in the institution are based strictly on merit. The combination of high quality academic programs with a healthy atmosphere makes it an outstanding environment for study. The institution is a fully autonomous body with its own Board of Management with independent policy making and executive powers.

PGS Engineering College offers four years (Eight Semesters) degree Programs leading to the award of the Bachelor of Engineering (B.Sc Engineering) in the desciplines of Civil and Electrical Engineering following Out Come Based (OBE) Education under Self Assessment System.

1. GENERAL

Admission to engineering programs in affiliated colleges shall be advertised alongwith other undergraduate programs of UET, Peshawar. Applications for admission should be submitted to the Directorate of Admissions, at UET Main Campus on or before the last date announced for the purpose alongwith all the required documents. Currently, the following affiliated engineering disciplines are offered in Ghandara Institute of Science and Technology:

i. B.Sc Civil Engineering 50 seats
ii. B.Sc Electrical Engineering 50 seats

2. ELIGIBILITY

Candidates applying for admission must meet following conditions:

a) They must have appeared in the Entrance Test conducted by the Government of Khyber Pakhtunkhwa, Educational Testing and Evaluation Agency(ETEA) Peshawar for the Academic Session 2020-21.

b) Student from other provinces are also eligible for admission subject to qualifying the required criteria for admission to first year engineering of their own province with regards to the entry test.

c) They must possess anyone of the following qualifications:

i. Intermediate (Pre-Engineering) certificate with the subjects of Mathematics, Physics and Chemistry from a recognized Board of Intermediate and Secondary Education in Pakistan with atleast 60% unadjusted marks.

ii. B.Tech Degree or 3years Post Matric Diploma of Associate Engineer (DAE) in the same technology, and obtained atleast 60% unadjusted marks.

iii. A certificate equivalent to the Intermediate (Pre-Engineering) examination with at least 60% unadjusted marks. Such candidates shall have to produce "Equivalence and Conversion of Marks Certificate" issued by the Inter Board Committee of Chairmen, Government of Pakistan, Ministry of Education, Islamabad, alongwith the application form. Pakistani Nationals are further required to have qualified the subjects of Islamiat, Pakistan Studies and Urdu at either SSC or Intermediate levels.

3. APPLICATION PROCEDURE

3.1 Candidates who fulfill eligibility conditions may apply to the Directorate of Admissions, UET Peshawar on separate prescribed application forms on or before the last date advertised for the purpose. Applications received after the closing dates shall not be entertained. Incomplete applications shall stand rejected.

3.2 List of documents (attested Photocopies) to be submitted with Application Forms:

(I) DMCs of SSC and Intermediate (Pre-Engg/Pre-Medical) Part-I & Part-II (Separate).

(ii) DMC of Additional Mathematics, (if applicable).

(iii) DMCs of B-Tech/Diploma of Associate Engineer (DAE), if applicable (All examinations).

(iv) Original/Provisional Certificate of SSC.

(v) Hafiz-e-Quran Certificate from a recognized institution (if applicable).

(vi) Domicile Certificate of the Candidate.

(vii) Father's/Mother's/Guardian's Computerized National Identity Card.

(viii) Computerized National Identity Card or Children Registration Certificate (CRC) of the applicant.

(ix) Good Character Certificate from the institute last attended.

(x) Five recent passport size (passport style) colored photographs of the candidate.

3.3 The affiliated Engineering Colleges shall be responsible for verification of documents of their admitted students.

4. DETERMINATION OF MERIT

Merit will be determined as per criteria mentioned under section 6 at page no.53.

5. ADMISSION PROCEDURE

a) The Directorate of Admissions shall call applications for admission to B.Sc. Engineering. The Admission Committee shall process all valid applications received for admission to B.Sc. Engineering.

b) Admission of candidates shall be based on their choice of disciplines given in the application form for the said institute.

c) Provisional merit list will be prepared and displayed on the Notice Board of the University Main Campus, Peshawar and University Website http://www.enggentrancetest.pk.

d) The provisionally selected candidates will be informed through notification on University official website http://www.enggentrancetest.pk and display on University's Notice Board. It is the responsibility of candidates to check the Notice Boards at University's Main Campus, Peshawar /University official webpage and appear for interview on the date announced.

6. FEE STRUCTURE

Students admitted under this category shall have to pay a total amount of Rs. 1,164,000/- for four years in the following manner at per fee structure of Ghandara Institute of Science and Technology:

a)	First Semester	Rs. 178,000/-
b)	Second Semester	Rs. 173,000/-
c)	Third, fifth and seventh Semesters (each)	Rs. 138,000/-
d)	Fourth, Sixth and Final Semesters (each)	Rs. 133,000/-

Allocation of Seats 2020-21

For Admission to B.Sc Engineering & Non-Engineering Programs (Peshawar, Abbottabad, Kohat, Bannu & Jalozai Campus)

S.No	Details	Agricultural Engg.	Chemical Engg.	Civil Engg.			Electrical Engg. Communication				Electrical Engg. (Power)	Industrial Engg.		Mechanical Engg		Mining Engg.	BS Computer Science		Com. System Engg.	Mechatronics Engg.	Electronics Engg.	B. Architecture	Floating	Total
				Jalozai	Bannu	Peshawar	Peshawar	Jalozai	Kohat	Bannu	Peshawar	Jalozai	Peshawar	Jalozai	Peshawar		Peshawar	Jalozai							
1.	Open Merit (Settled Areas of Khyber Pakhtunkhwa)	20	60	40	40	90	60	40	40	40	30	40	40	40	90	20	58	50	73	30	40	59		**1000**
2.	Erstwhile FATA	4		2	6	8	10			6					12	6			6					**60**
3.	Diploma Holders		1	1	1	1	2								2								2*	**10**
4.	**Foreign Students**																							
	a) Self Sustained						4						1		3					2				**10**
	b) Technical Assistance Programme	1				4	4						1		3	1				2				**16**
	c) Bangladeshi						1								1				1					**3**
	d) Afghan Refugees															4								**4**
	e) Indian Occupied Kashmiri (IOK)																						8	**8**
	f) Afghan Nationals (HEC Nominees)	10														10						3		**23**
	g) Sri Lankan					2	1								1				1					**5**
5.	Azad Jammu Kashmir	1					1						1		1	1			1					**6**
6.	Gilgit Baltistan						1								1	1			1	1	1			**6**
7.	Balochistan					1	2								2	1								**6**
8.	Punjab	1				2	2								2	3								**10**
9.	Sindh	1				1	1								2									**5**
10.	Army						1								1									**2**
11.	Air Force						1																	**1**
12.	Victims of Army Public School Peshawar						1																	**1**
13.	Wards of UET Employees																						23	**23**
14.	Son/Daughters of Univ. of Peshawar Employees																						2	**2**
15.	Son/Daughters of Islamia Coll.																						3	**3**
16.	Balochistan Province (HEC Nominees)												1						1		1			**3**
17.	Son/Daughters of Agricultural Univ., Peshawar Employees																						1*	**1**
18.	Sons/Daughters of all Govt. Polytechnic Institutes, Govt. Colleges of Technologies and Govt. Technical & Vocational Centers (KP) Employees																						2*	**2**
	TOTAL	**36**	**61**	**42**	**44**	**105**	**87**	**40**	**40**	**43**	**30**	**40**	**44**	**40**	**115**	**44**	**58**	**50**	**81**	**35**	**42**	**62**	**41**	**1210**

** These floating seats are reserved only in rationalized fee structure programs.*

UET Peshawar is zero-tolerant for students' misconduct, indiscipline, harassment, and politics at all levels inside and outside Campus

19. Reserved Quotas Merit based seats

Category		No. of Seats	PESHAWAR CAMPUS								
			Agricultural / Chemical Engg	Civil Engineering	Electrical Engg. (Comm)	Mechanical Engg.	Mining Engg.	Computer Systems Engg	Industrial Engg.	Mechatronics Engg	Total
a)	Merged Area of Hazara Division	2	1	1	2	1	1	1	1	1	**9**
b)	DistrictChitral	1									
c)	District Kohistan	1									
d)	Gadoon Area	1									
e)	District Shangla	1									
f)	Disabled Persons	1									
g)	Sports	2									

20. Nomination Quotas Merit based seats

Category		No. of Seats	PESHAWAR CAMPUS						
			Industrial / Mechatronics Engg	Chemical / Mining / Agricultural Engg	Computer Systems Engg	Civil Engineering	Electrical Engg. (Comm)	Mechanical Engg.	Total
a)	Victims of Army Public School (APS) Peshawar	1	2		1	1	2	2	**8**
b)	Son/Daughters of Agricultural Univ., Peshawar Employees	1							
c)	Son/Daughters of GomalUniv.,Employees	1							
d)	Federal Capital Area	1							
e)	Army	1							
f)	Azad Jammu & Kashmir	1							
g)	Gilgit Baltistan	1							
h)	Sons/Daughters of Police Shuhada's (KP)	1							

Reservation of 110 additional seats under directives of the Prime Minister of Pakistan "Award of 3000 seats for Afghan Nationals on non-subsidized scheme for the academic session 2020-21"

110 additional seats in the following disciplines have been reserved for Afghan Nationals for admission to B.Sc. Engineering for the academic section 2020-21 under the Prime Minister of Pakistan "Award of 3000 seats for Afghan Nationals".

1.	Department of Agricultural Engineering	(Peshawar Campus)	20 seats
2.	Department of Mining Engineering	(Peshawar Campus)	20 seats
3.	Department of Chemical Engineering	(Peshawar Campus)	10 seats
4.	Department of Computer Systems Engg.	(Peshawar Campus)	20 seats
5.	Department of Industrial Engg.	(Peshawar Campus)	20 seats
6.	Department of Mechatronics Engg.	(Peshawar Campus)	20 seats
		Total:	**110 seats**

Nomination against these seats shall be made by the Government of Pakistan, Higher Education Commission, Islamabad. Afghan Nationals seeking admission against the above reserved seats must fulfill the eligibility requirement of at least 60% unadjusted marks in intermediate (Pre-Engineering or equivalent examination). The disciplines shall be allotted according to their merit.

Note:

Hostel facility will not be available to the following candidates:

1. Afghan Nationals selected under the above 110 additional seats under the directives of Prime Minister of Pakistan.
2. For boys studying in 1st semester at UET, Abbottabad Campus.

Eligibility for Admission Against the Reserved Seats for Pakistan Marine Academy, Karachi

05 (Five) seats will be reserved in Mechanical Engineering Department UET, Peshawar on non-subsidized basis for Marine Academy, Karachi. Admitted candidate will be charged at par with other Non-Subsidized students for a **period of two years,** in addition to the normal tuition fee & user charges.

- They must have Khyber Pakhtunkhwa/erstwhile FATA domicile.
- They must have appeared in the Entrance Test conducted by the Government of Khyber Pakhtunkhwa, Educational Testing and Evaluation Agency (ETEA) Peshawar. The Entrance test is valid for one academic year only.
- F.Sc (Pre-Engineering) certificate with the subjects of Mathematics, Physics and Chemistry from a recognized Board of Intermediate and Secondary Education Pakistan with at least 60% unadjusted marks.
- Candidate seeking admission should have passed Associate Engineering Degree with Minimum CGPA of 2.5 out of 4.0
- Diploma Holder/B.Tech are not eligible for admission against these seats.
- Application on prescribed form shall be received on or before the last date to be announced for the purpose.
- The applicant will produce No Objection Certificate from the University/College/Institution, where he/she has been studying alongwith a statement of total number of lectures attended by the applicant, and the syllabus of courses studied in order to determine deficient course etc, for admission.
- The applicant will submit a certificate confirming that the student has not been debarred from university/Institution examination nor has been expelled/rusticated from the institution from which he/she intends to join and that no disciplinary action is pending against him/her.
- The Head of Mechanical Engineering Department will evaluate the deficient course and candidate will be informed accordingly.
- Candidates shall be registered for courses rather than for classes. They will be required to clear those subjects that they have not studied in the Marine Academy.
- Candidates, who have passed the Associate Engineering Degree from Marine Academy shall be admitted in the fifth semester. However, they will get credit of the common courses already studied. It should, however, be made clear that previous results of the subjects shall become invalid, once they opt to re-sit in the same.
- Admission shall be granted within 15 days of the commencement of classes.
- Candidate applying under this category are eligible for admission within two academic years after passing the Associate Engineering degree program.

EXAMINATION RULES

1. BACHELOR DEGREE COURSES OFFERED

Bachelor degree courses in the following disciplines are offered by the University:

a. Agricultural Engineering
b. Architecture
c. Chemical Engineering
d. Civil Engineering
e. Computer Systems Engineering
f. Computer Science & IT
h. Electrical Engineering
   i. Power
   ii. Communication
I. Electronics Engineering
j. Industrial Engineering
k. Mechanical Engineering
l. Mechatronics Engineering
m. Mining Engineering

2. MEDIUM OF INSTRUCTION

The medium of instruction and examinations will be English except in Islamiat, where the option of English and Urdu shall be available.

3. ACADEMIC CALENDAR

The Academic year will be divided into two semesters i.e. Fall and Spring. The duration of teaching in each semester shall be sixteen hours of lectures (or 48 hours of practical work) for each credit hour of prescribed course work. Normally, each semester will be spread over eighteen-week duration, with the 9th and 18th weeks reserved for mid-term and final examinations, respectively. However, the number of weeks may be adjusted by the university provided the duration of teaching as defined above is not reduced.

The senior most Dean will issue a calendar for the academic year before the beginning of Fall semester every year and forward the same to the Register for further necessary action. The calendar will include dates of registration, classes, holidays, examinations and results, etc.

4. DURATION OF STUDIES

The minimum duration of studies for completing bachelor degree requirements shall be eight semesters (4 years) for engineering Program or ten semesters (5 years) for B. Architecture, depending on the scheme of studies of various Programs, while the maximum period allowed will be seven years as per PEC rules.

5. SCHEME OF STUDIES

5.1 General

Course work for earning the degree comprises Theory Courses, Laboratory Courses, and Project. Each course offered at the university is allocated certain credit hours, which is a measure of the amount of work required for the course. For Theory courses, each credit hour means one hour of lecture per week, while for lab courses each credit hours means three hours of practical works per week and in case of Architecture each credit hours means (lab courses) two hours of practical work per week.

During the last two semesters of their study, students carry out projects and write project reports. The project is meant to provide students a holistic experience of entire Engineering / Architecture process. The Project comprised of three credit hours (9 contact hours per week) in each semester. In case of Architecture the project comprised of 10 credit hours (20 contact hours per week) in each semester. Grade "IP" is awarded for Project in the second last semester, which is converted to an appropriate letter grade at the end of last semester, based on student's performance in both semesters.

5.2 Curricula

Course work shall be spread over credit hours, as specified in the Scheme of Studies of each Program given in the Undergraduate Prospectus on the pages of the relevant department. Each Course is allocated a Course Number that identifies the department offering the course and the level of the course. The codes for various departments are as under:

AE Agricultural Engineering
Arch Architecture
BSI Basic Science & Islamiat
CE Civil Engineering
ChE Chemical Engineering
CS Computer Science
CSE Computer Systems Engineering
EE Electrical Engineering
EIE Electronics Engineering
IE Industrial Engineering
IT Information Technology
ME Mechanical Engineering
MinE Mining Engineering
MtE Mechatronics Engineering

6. DEGREE REQUIREMENTS

To earn a B.Sc. Engineering Degree a student must:

(a) Pass all the courses of study prescribed in the relevant Scheme of Studies.

(b) Obtain a Cumulative Grade Point Average (CGPA) of at least 2.0

(c) Complete 800 hours of Practical Training in a recognized government, semi-government, or private engineering organization.

(d) For Agricultural, Civil and Mining Engineering: Complete the Survey Camp conducted by the university (to be certified by the Chairman, Department of Civil Engineering/Incharge Survey Camp).

Practical Training may be carried out during summer vacations of 2nd and 3rd academic years and also after completion of the course of studies. On completion of the training, the manager of the organization shall send a report to the Chairman of the department concerned on the prescribed proforma, stating the nature of work and that the work has been satisfactorily completed by the student concerned.

(e) To earn a B.Arch. Degree students must complete 12 weeks of internship during 3rd & 4th years with reputable architectural firms. The internship training must be monitored and verified by the Department of Architecture and students shall submit the internship Certificate as issued by the relevant Architectural firm to the Department.

7. REGISTRATION

7.1 General

Before the beginning of classes in each semester, the Departments will announce the courses offered and will arrange Semester Registration for the students. The students are required to register for the semester by filling the prescribed form available online through CMS Portal and depositing any fee that are due within the last date announced for the purpose.

The students must register for successive semesters in order and shall not be allowed to register for a semester without having studied the preceding semesters except as noted in section 7.2 below.

The students are required to register for the relevant semester within 15 days of the start of classes. A student who fails to register in a particular semester shall not be eligible for registration in the next higher semester.

7.2 Registration in the First Semester

The Directorate of Admissions will forward a list of newly admitted students to each department before the beginning of classes. The departments will arrange registration for the first semester, assign Class Numbers to the students and forward the names of admitted students to the Controller of Examinations for allotting University Registration Number.

Students admitted late due to late nominations by concerned agencies on quota seats shall (a) register for the first semester before the beginning of the midterm examinations, OR (b) if unable to register for the first semester before the midterm exam, they shall register in the second semester and pass first semester courses subsequently.

7.3 Re-registration

A student receiving F or W grade in any course shall be required to re-register in that course. A student receiving less than or equal to C grade in a course may also re-register in that course, to improve his/her grade subject to a maximum of one chance within one year of the declaration of final semester result. The improvement of grade (I) is allowed within one year of the declaration of result.

A department may offer Repeated Courses (over and above the regularly scheduled courses) during a regular semester or during the summer session in order to facilitate re-registering students. However, minimum number of students re-registering must be 10; otherwise, the course shall be dropped.

A student may register for a maximum of 08 credit hours during the summer session. During a regular semester (Spring/Fall) a student may re-register for a maximum of 4 credit hours (in addition to the prescribed courses).

If a course is abolished due to a revision in curriculum or scheme of studies, the Chairman of the Department may recommend a relevant course from existing curriculum as a replacement for the candidates who need to re-register in the abolished course. The same shall be reflected in the student's Registration Form and Transcript.

7.4 Summer Semester (Optional)

Summer Semester is not part of our regular academic calendar. However, if the University offers a Summer Semester, it should be notified after Spring Semester with the approval of the competent authority.

7.5 Interruption of Studies

The Chairman of the department will issue a warning notice to the student who failed to register, withdraw, or freeze his/her registration for two consecutive semesters. The notice will be issued just after the expiry of the deadline for the second semester. The department will forward the name of a student to the University Admission Committee. The recommendations of the Admission Committee will be forwarded for approval of the Vice Chancellor. The Dean of the Faculty will issue notification to the student after approval of the Vice Chancellor.

8. ATTENDANCE REQUIREMENTS

A student is expected to attend 100% of the classes held in course. Under extenuating circumstances, upto 25% shortage of attendance may be condoned. However, in no circumstances a student will be allowed to appear in the final examination, if the attendance fails below 75% in the course.

9. EXAMINATION

9.1 Paper Setting

The question paper for midterm and final examinations will be set by the subject Teacher and submitted to the Chairman. The Chairman will check the paper for course coverage and appropriate depth and, when satisfied, forward the paper to the Controller of Examinations. Otherwise, the Chairman will refer the paper back to the teacher for revision. There will be no choice of questions in the examinations.

9.2 Conduct of Examination

The Controller of Examinations will arrange the

midterm and final examinations, including preparation of date sheet, appointment of the invigilation staff, etc. Each examination hall will be supervised by a Superintendent, who will be a senior teacher of the same department, and other staff, who will be from other departments.

9.3 Marking of Papers

After marking the midterm exam papers, the teacher will discuss them with the students to give them feedback on their performance. The teacher will then submit the marks to the Semester Coordinator.

After marking the final exams, subject teachers will calculate the grades as per university policy and then submit the marks as well as grades to the Semester Coordinator within the time allotted for the purpose.

9.4 Re-checking

Students may apply to the Chairman of the Department for re-checking of their final exam papers within the dates announced for the purpose.

9.5 Examination of Affiliated Colleges

(a) The procedure for preparation of papers for midterm and final term examinations for affiliated colleges shall be as following:

(i) The subject teacher of the university and that of affiliated college shall submit two papers each to the Chairman at least one week prior to the commencement of the exams.

(ii) The Chairman shall forward the final paper to the controller of examinations.

(iii) Question paper for the examination will be prepared by a neutral / external examiner from the prescribed course.

(iv) There shall be no choice of questions in the paper.

(v) The checking of the scripts will be carried out centrally at UET in designated hall, soon after the examination by the concerned class teachers of all the affiliated colleges and UET.

(vi) The script jointly marked by faculty members of affiliated institutes and UET, Peshawar will be listed in separate columns on the script front page with precedence to column marked by faculty members from UET, Peshawar.

(vii) Incase of deviation of less than 25% in total marks, average of both marking will be awarded to the students.

(viii) If the deviation of more than 25% in total marks, to be verified by the chairman of relevant Department, UET Peshawar, such cases will be referred by Controller of Examination to neutral examiner for the said subject, whose decision will be final.

(ix) Panel of neutral examiners (at least three for each subject) outside UET, Peshawar will be submitted by the Chairman of relevant department, UET Peshawar for each subject via Controller of Examination. Vice Chancellor will select one neutral examiner from panel of three for each subject and finalized list will be maintained by controller of Examination.

(x) Grades shall be awarded as per policy described in 10.2.2.

(xi) These rules are applicable from Fall Semester 2007.

(b) Invigilation of the midterm and final term examinations shall be conducted as per following procedure:

(i) The university shall supervise the midterm and final term examinations of the affiliated colleges.

(ii) The superintendent of the examination centre shall be the faculty member of the University. The supporting staff shall be appointed by the Controller of Examinations of the UET in consultation with the affiliated colleges.

(c) The Affiliated Colleges shall maintain course file of course to be submitted to the Chairman of the concerned department on weekly basis. The department's Board of Studies shall also evaluate the course file. The records in course file shall include as following:

(i) Course outline, grading criteria, time table, attendance.

(ii) Assignments, quizzes, exams along with their solution and results.

(d) The answer sheets of only midterm examination shall be collected by the affiliated colleges after evaluation by the university teacher. The same shall be

returned by the affiliated colleges to the

concerned departments of the university at the end of the semester. The answer sheets of both mid term and final term examinations shall be kept by the concerned department of UET for record purpose for a period of two semesters after the final term examina-tion of the same subject.

(e) The committee constituted by the Vice Chancellor of the UET for checking the ongoing progress of the system in the classrooms of the University will also pay surprise visits to the classrooms of the affiliated colleges.

(f) The senior most Dean, UET may propose any other appropriate measures to improve the quality of education in affiliated colleges from time to time.

10. GRADING

10.1 Distribution of Marks

10.1.1 Theory Courses

The distribution of marks for theory courses shall be as follows:

20% Sessional evaluation, including home assignments, quizzes, oral tests, class presentations, projects etc.

20% Midterm examination

60% Final examination

10.1.2 Lab and Studio Course

(a) Studio Courses (for Architecture)

The distribution of marks for Design Studio courses vary as per the nature of the design project comprised of studio participation, project description and presentation and jury assessment. The Chairman of the Department has to approve the criteria for each Studio Course marking.

Final examination shall be comprehensive (from full course) for a duration of 3 hours.

(b) Lab Grading (for B.Sc Engineering)

Carrying out Lab work/Lab report/evaluation by Instructor	50%
Hands-on Experiment/Task evaluation by Instructor before Final Term (Lab Exam)	10% - 20%
Viva Voce	30% - 40%
Total	100%

10.1.3 Final Year Project (B.Sc.)

The capstone project carried out by student groups in the last two semesters will be marked as follows:

- 35% Sessional work, to be assessed by project supervisor
- 20% Presentations of work to Evaluation Committee
- 45% Viva examination (including evaluation of project report)

The project supervisor will award 15% of the sessional marks at the end of 7th semester and the remaining 20% at the end of 8th semester.

Grade "IP" (In Progress) is awarded for Project in the 7th semester, which is converted to an appropriate letter grade at the end of 8th semester, based on student's performance in both semesters.

A Project Evaluation Committee (notified by the Department Chairman) will assess the progress of the project through four student presentations, each carrying 5% marks. In the first presentation, students will present the project proposal on prescribed format, while in other presentations progress reports will be presented. The presentations will be scheduled as follows:

1st presentation	Second week of 7th semester
2nd presentation	Midterm Exam week of 7th semester
3rd presentation	Final Exam week of the 7th semester
4th presentation	Midterm Exam week of the 8th semester

The Viva Voce Examination will be taken by the examination committee comprising the External Examiner, Project Supervisor of the concerned group, and Department Chairman. Each member will award marks out of 15%, making a total of 45% marks.

10.1.4 Final Year Thesis Design Project (B.Arch)

The thesis design project carried out by individual student of B.Arch. Program in 9th and 10th semesters shall be marked as per the criteria set by the department under the guidelines of Pakistan Council of Architects and Town Planners (PCATP).

10.2 Award of Grades

10.2.1 General

Grading of student will be through letter grades that indicate the level of performance, as shown below:

A	Excellent
B	Above Average
C	Average
D	Minimum Acceptable
F	Failed. The student must repeat the course to receive credit
W	Withdrawn from the course
I	Incomplete
IP	In Progress

The full spectrum of grades is given in Table - 01.

Students may withdraw from one or more courses with

the approval of the Chairman of the Department one week after the midterm exam. A copy of the withdrawal approval shall be sent to the Controller of Examinations immediately.

Grade I (Incomplete) shall be awarded to a student only if he/she has missed the final examination, project report, etc. only in exceptional cases beyond the control of a student such as, serious accident, family tragedy, serious health ailments, etc. but has completed all other requirements of the course successfully. The award of grade I shall not cover a student's lethargic attitude, willful absence, or bad performance in class. Grade I should be converted into an appropriate letter grade within one year, otherwise, it shall be changed to an F grade.

A student not allowed to appear in the Final Examination of a course due to shortage of attendance shall be deemed to have obtained zero marks in the Final Examination. The grade will be awarded based on the student's sessional and midterm marks.

10.2.2 Determining Student Grades

Student Grades in a class shall be determined as below:

1. Based on the sessional work, Mid-term and Final-term examination, calculate the actual marks of each student.
2. Calculate normalized Marks for each student by multiplying the actual marks obtained with the factor

   $$\frac{100}{\text{Highest marks obtained in the class}}.$$

3. Divide the range from 50 to 100 of the Normalized Marks into ten equal intervals, each of five marks and award letter grade: D, D+, C-, C, C+, B-, B, B+, A- and A accordingly.
4. Award F grade to student whose Normalized Marks are less then 50.

10.2.3 Grading students in Repeated Courses

A department may offer Repeated Courses (over and above the regularly scheduled courses) during a regular semester or during the summer session in order to facilitate re-registering students. For grading the students in such courses, their Total Marks will be merged with the Total Marks of the same course when it was last offered as a regularly scheduled course. Then the procedure outlined in section 10.2.2 above will be followed to determine the grades of new students. However, the grades of the old students (of regularly scheduled course) will not be affected by this procedure.

10.3 Grade Point Averages (GPA)

The Letter Grades awarded to students in a course are assigned Grade Points, as defined in Table 1. The average performance of a student during a particular semester is indicated by the Semester Grade Point Average (SGPA) and the overall performance to date is indicated by Cumulative Grade Point Average (CGPA). These performance indicators are calculated as below.

SGPA =sum of quality points of all courses taken in the semester

Total credit hours taken in the semester

CGPA =sum of quality points of all courses taken to date

Where Both SGPA and CGPA shall be rounded off to two decimal places.

In case a course is repeated, all of the grades obtained shall be reported in their relevant semesters on the transcript; however, only the best grade shall be used to calculate the CGPA.

Table - 01

Grade	Grade Points	Grade	Grade Points
A	4.00	C	2.00
A-	3.67	C-	1.67
B+	3.33	D+	1.33
B	3.00	D	1.00
B-	2.67	F	0.00
C+	2.33		

11. SATISFACTORY ACADEMIC PROGRESS

Students must show satisfactory academic progress in order to remain in good standing. The following rules are meant to ensure that students get timely feedback on their academic progress:

11.1 A student who obtains SGPA of 2.0 or less in any semester shall be issued a written warning by the department chairman. A copy of the warning letter shall also be sent to the parents/guardian.

11.2 A student who obtains SGPA of 2.00 or less for three consecutive regular semesters and his/ her CGPA is less than 2.00, will required to re-register until he/she improves CGPA to the minimum requirement for graduation. A written warning of this possibility will be sent to the student (with a copy to parents/ guardian) if his/her SGPA is less than 2.00 for two consecutive semesters.

11.3 A student whose CGPA in the first two semesters is less than 1.5 shall not be allowed to register for the third semester until his/her CGPA has improved to 1.5 or more.

11.4 A student who has earned three of more F grades in the first two semesters and these F grades are still outstanding at the start of the 5th semester shall not be allowed to register in the 5th semester until he/she passes these courses.

11.5 A student must graduate within seven years to be eligible for registration with Pakistan Engineering Council, and eight years, in case of Architecture, to be eligible for registration with Pakistan Council of Architects and Town Planners (PCATP). The student, who have to re-register as per Rule (11) are required to fulfill this requirement. Any student of the University, who breaches this requirement of Pakistan Engineering Council/PCATP due to any reason, whatsoever, shall submit an affidavit to take the responsibility that he/she could not complete his/her degree requirement within stipulated time as required by the Pakistan Engineering Council/PCATP and university will have no responsibility to this effect.

11.6 All the Architecture Design Courses offered from 3rd Semester (Architecture Design-I) to 10th Semester (Thesis Design-II) are declared as prerequisite courses. This rule applies for the Department of Architecture only.

12. TRANSCRIPTS

The Controller of Examinations shall issue Transcripts to students who apply for the purpose. The transcript shall show all courses taken to date and the grades obtained, along with SGPA of each Semester and the current CGPA.

Grade IP received by a student shall be replaced by the grade awarded after completion of course requirements. However, a note shall be added on the transcript, recording the fact that grade I was initially awarded in the course. (This should not be applicable to I grade obtained in project in 7th semester)

The transcripts of students who are admitted by Migration from another institution will show the accepted courses taken at their previous institution. Their CGPA will be calculated using these courses as well as courses taken at this university. However, a note will be added to their transcript to identify their previous institution and the courses taken at that institution.

13. SPECIAL PROVISIONS

Interpretation of these Academic Rules by the authorized officers of the University shall be final.

In all cases where these Academic Rules are silent, the decisions of the Vice Chancellor shall be final.

The University authorities reserve the right to make any change in these Academic Rules at any time without prior notice.

UNIVERSITY FEE

Admission fee for two semesters and funds for the academic year are payable in advance at the time of admission. Candidates shall not be allowed to sit in the University examination if they have any arrears.

TABLE 1: FEE STRUCTURE FOR ADMISSIONS AGAINST OPEN MERIT SEATS (ENGINEERING PROGRAMS)

Amount in PKR

Name of Department	Campus	Fee at the time of admission (1st and 2nd Semester only)		3rd Semester	4th Semester	5th Semester	6th Semester	7th Semester	8th Semester	Total (PKR)
		First Semester (at time of Admission)	2nd Semester							
Agricultural Engg.	Peshawar	54,500	-	59,761	-	65,337	-	71,471	-	251,069
Chemical Engg.	Peshawar	54,500	-	59,761	-	65,337	-	71,471	-	251,069
Civil Engg.	Peshawar	54,500	-	59,761	-	65,337	-	71,471	-	251,069
Comp. Systems Engg.	Peshawar	82,000	25,000	78,867	25,000	84,253	25,000	90,178	25,000	435,298
Electrical Engg.	Peshawar	49,500	-	50,567	-	55,623	-	61,185	-	216,875
Industrial Engg.	Peshawar	82,000	25,000	78,867	25,000	84,253	25,000	90,178	25,000	435,298
Mechanical Engg.	Peshawar	49,500	-	50,567	-	55,623	-	61,185	-	216,875
Mechatronics Engg.	Peshawar	82,000	25,000	78,867	25,000	84,253	25,000	90,178	25,000	435,298
Mining Engg.	Peshawar	54,500	-	59,761	-	65,337	-	72,270	-	251,868
Civil Engg.	Bannu	54,500	-	59,761	-	65,337	-	71,471	-	251,069
Electrical Engg.	Bannu	49,500	-	50,567	-	55,623	-	61,185	-	216,875
Civil Engg.	Jalozai	54,500	-	59,761	-	65,337	-	71,471	-	251,069
Electrical Engg.	Jalozai	49,500	-	50,567	-	55,623	-	61,185	-	216,875
Industrial Engg.	Jalozai	49,500	-	50,567	-	55,623	-	61,185	-	216,875
Mechanical Engg.	Jalozai	49,500	-	50,567	-	55,623	-	61,185	-	216,875
Electrical Engg.	Kohat	82,000	25,000	78,867	25,000	84,253	25,000	90,178	25,000	435,298
Electronics Engg.	Abbottabad	82,000	25,000	78,867	25,000	84,253	25,000	90,178	25,000	435,298

TABLE 2. FEE STRUCTURE FOR ADMISSIONS AGAINST NON-SUBSIDIZED PROGRAMS (ENGINEERING PROGRAMS)

Amount in PKR

Name of Department	Campus	Fee at the time of admission* (1st and Second Semester only)	3rd Semester	4th Semester	5th Semester	6th Semester	7th Semester	8th Semester	Total (PKR)
Civil Engg.	Peshawar	311,937	183,782	129,222	188,838	129,222	194,400	129,222	1,266,623
Chemical Engg.	Peshawar	228,493	142,060	87,500	147,116	87,500	152,678	87,500	932,847
Comp. Systems Engg.	Peshawar	250,444	141,950	87,500	147,395	87,500	163,367	87,500	965,656
Electrical Engg.	Peshawar	307,944	179,789	129,222	184,845	129,222	190,407	129,222	1,250,651
Industrial Engg.	Peshawar	224,500	138,067	87,500	143,123	87,500	148,685	87,500	916,875
Mechanical Engg.	Peshawar	307,944	179,789	129,222	184,845	129,222	190,407	129,222	1,250,651
Mechatronics Engg.	Peshawar	224,500	138,067	87,500	143,123	87500	148,685	87500	916,875
Civil Engg.	Jalozai	243,548	142,060	87,500	147,116	87,500	152,678	87,500	947,902
Electrical Engg.	Jalozai	224,500	138,067	87,500	143,123	87,500	148,685	87,500	916,875
Mechanical Engg.	Jalozai	224,500	138,067	87,500	143,123	87,500	148,685	87,500	916,875

** The fee for 1st and 2nd semester is exclusive of Income Tax which is applicable at the time of admission.*

TABLE 3. FEE STRUCTURE FOR ADMISSIONS IN NON-ENGINEERING PROGRAMS

Amount in PKR

Name of Department	Campus	Fee at the time of admission (1st and 2nd Semester only)		3rd Semester	4th Semester	5th Semester	6th Semester	7th Semester	8th Semester	9th Semester	10th Semester	Total (PKR)
		First Semester (at time of Admission)	2nd Semester									
Architecture	Abbottabad	82,000	25,000	78,867	25,000	84,253	25,000	90,178	25,000	96,695	25,000	556,993
CSIT	Peshawar	82,000	25,000	78,867	25,000	84,253	25,000	90,178	25,000	NA	NA	435,298
CSIT	Jalozai	49,500	–	50,567	–	55,623	–	61,185	–	NA	NA	21,6875

FEE FOR FOREIGN STUDENTS (ON SELF SUSTAINED BASIS)

(i) A sum of US $ 15,000.00 or equivalent in Pak Rupees shall be charged in addition to the normal user charges payable by other students. This amount will be deposited in lump sum at the time of admission to first semester B.Sc. Engineering.

(ii) Foreign Students admitted under the "Cultural Exchange Program" or "Technical Assistance Program" will pay tuition fee as per government rules in addition to other user charges.

Refund Policy

(a) In case of Admission Cancellation the refund Policy is as under:

% of Tuition Fee*	Timeline** for Semester System
Full (100%) Fee refund	Upto 7th day of commencement of classes
Half (50%) Fee refund	From 8th-15th day of commencement of classes
No Fee (0%) refund	From 16th day of commencement of classes

* *%age of fee shall be applicable on all components of fee, except for security and admission charges.*

** *Timeline shall be calculated continuously covering both weekdays and weekends.*

(b) In case a student is transferred from one discipline to another during the adjustment of seats, the fee and other user charges shall be adjusted accordingly.

(c) A penalty/fine @ 0.025% will be charged per day for the outstanding amount against each student at the end of last date for submission of dues for a period of maximum two semester thereafter the student admission status will be dealt as per University rules defined in the Prospectus.

(d) In case student admitted in another University on Reciprocal basis, the UET Peshawar dues/fee deposited by the student will not be refunded to him/her. The fee deposited by student will be transferred to concerned University in which student have been admitted on production of paid Bank Challan of fee of that University equal to UET Peshawar dues or other University actual dues which ever is less.

(e) In case of students who got admission as a result of re-advertisement, the time line for the cancellation of their admission will be counted from the date of admission or commencement of classes which ever is later.

EXAMINATION & OTHER FEE

Table-1

S.No.	CATEGORIES	Amount
1.	Registration Fee for B-Tech (4 years program)	Rs. 2,000
2.	a) Re-appearing Fee for B.Sc (per subject) (Non-refundable & Non-adjustable) b) Registration Fee for Pre-Requisite Subject (per subject) (Non-refundable & Non-adjustable)	Rs. 1,500 Rs. 1,500
3.	Examination Fee for B.Sc Engineering and B.Tech (Pass course & Hons.) (i) Regular candidates (ii) Re - appearing candidates (iii) Examination Fee per subject in case of re-appearing	 Rs. 2,000 Rs. 2,000 Rs. 700
4.	B.Sc. Engineering Degree	Rs. 1,500
5.	Semester Transcript / D.M.C. (Ordinary)	Rs. 500
6.	Semester Transcript / D.M.C. (Urgent)	Rs. 1,000
7.	Final Transcript / Final D.M.C. (Ordinary) Embossed	Rs. 500
8.	Final Transcript / Final D.M.C. (Urgent) Embossed	Rs. 1,000
9.	i) Migration Certificate after study ii) Migration certificate during study iii) Duplicate Migration Certification	Rs. 1,000 Rs. 1,500 Rs. 3,000
10.	Correction/change in name etc.	Rs. 500
11.	Provisional Certificate	Rs. 800
12.	Rechecking of scripts per paper	Rs.500
13.	Duplicate Degree	Rs.3,000
14.	Convocation Fee	Rs.1,500
15.	Examination late Fee	Rs.1,000
16.	Verification Fee (each set)	Rs.1,500
17.	Semester Freezing Fee	Rs.5,000
18.	Conversion Certificate	Rs.500
19.	Summer / Crash Semester Fee (per subject) (Non-Refundable/Non-Adjustable)	Rs.6,000
20.	Diploma Certificate Fee	Rs.1,500
21.	Appeal against the decision of university disciplinary committee	Rs.5,000
22.	Advance Result	Rs.5,000
23.	Foreign Verification	USD 50.00
24.	Bonafide Certificate	Rs.1,000
25.	Medium of Instruction Certificate	Rs.1,000
26.	Attested Syllabus	Rs.1,000
27.	Any other certificate not mentioned above	Rs.1,000

FEES FOR AFFILIATED COLLEGES & INSTITUTES

Table-2

S.No.	CATEGORIES	Amount
1.	Affiliation fee	Rs. 1,000,000
2.	Application processing fee for affiliation (Non-refundable)	Rs. 150,000
3.	(a) Annual affiliation renewal fee per discipline for Undergraduate Engineering Program (b) Annual affiliation renewal fee per discipline for Postgraduate Engineering Program	Rs. 100,000 Rs. 120,000
4.	Registration fee per student (once)	Rs. 5,000
5.	Examination fee per student (two semesters)	Rs. 3,000 Per Semester
6.	Examination fee (per paper)	Rs. 2,000 (One paper) More than one paper full fee
7.	Degree fee	Rs. 5,000
8.	Semester Transcript/D.M.C. (Ordinary)	Rs. 1,000
9.	Semester Transcript/D.M.C. (Urgent)	Rs. 1,500
10.	Final Transcript/Final D.M.C. (Ordinary) Embossed	Rs. 1,200
11.	Final Transcript/Final D.M.C. (Urgent) Embossed	Rs. 2,400
12.	Re-Checking fee (per paper)	Rs. 1,000
13.	Duplicate Degree	Rs. 10,000
14.	Convocation Fee	Rs. 3,000
15.	Category not mentioned shall be charged as per table 1	–

SCHOLARSHIPS AND AWARDS

1. FRONTIER EDUCATION FOUNDATION (FEF) SCHOLARSHIPS

A limited number of scholarships on the basis of poverty-cum-merit are awarded under this scheme.

1.1 Rules for the Award of FEF Scholarships

(a) The basic criteria for the award of scholarships would be merit-cum-affordablility to be determined by the institute.

(b) Those whose income from salaries and/or other resources of income is Rs. 10000/- (Rupees Ten Thousand) monthly or less will be considered to have met the conditions of in-affordability to be reflected in the advertisement for transparency by the concerned head of educational institution.

(c) A student in receipt of any other scholarship will not be entitled for this scholarship unless he waives off his claim for the first scholarship.

(d) Only those students will be eligible for the award of this scholarship who are domiciled of Khyber Pakhtunkhwa and studying in recognized/registered Private or Government Educational Institutions in Khyber Pakhtunkhwa (settled area only).

(e) The application forms should be designed and printed by FEF as per its own requirements.

(f) Scholarship will be paid through cheques to the heads of institutions, who will be responsible for the proper disbursement and audit.

(g) The submission of acquittance roll of the awardee student(s) will be the responsibility of the concerned head of institution.

(h) In case of tie in the merit list, weightage will be given to the poorer.

(i) The scholarship will be renewable on the basis of good behaviour and performance in subsequent years. Those who secure 60% or above marks in aggregate will be considered for the renewal of scholarship. This will be communicated by the concerned heads of institutions to FEF each year.

(j) The scholarship will not be admissible to those who are admitted on self-finance basis. The exception would require prior approval of Chairman FEF on case to case basis.

(k) After approval of the policy the required number of application forms would be circulated to educational institutions included in the scholarship Program of the FEF.

(l) Proper advertisement shall be given to the press by the head of institution and a copy of the advertisement shall be invariably placed on the notice board of all educational institutions which are included in FEF scholarship program.

(m) FEF will charge Rs. 10/- per form in order to meet its requirements for printing and advertisement.

(n) The students shall submit their forms to their respective educational institutions and FEF shall not receive any application directly from any student.

(o) The heads of institutions shall process these applications through a Selection Committee and they would invite FEF representatives to their meetings.

(p) The application forms duly recommended for award of FEF scholarship would be forwarded to FEF after 15 days of the completion of admissions to the institutions.

1.2 Procedure

At the beginning of the academic year, the Chairman of the concerned department will invite applications for the award of scholarships under this scheme from the students of the department. The Scholarships Committee will examine these applications and recommend the names of deserving students to the vice-chancellor for final approval. Although the criteria for the award of scholarships under this scheme is poverty-cum-merit, however, while making recommendations, the Committee should assign comparatively more weight to the financial status of the applicant as compared to the weight assigned to his/her academic standing.

2. FEE CONCESSION AND OTHER FINANCIAL ASSISTANCE

Freeship in tuition fee may be granted to a deserving student on the recommendations of the Scholarship Award Committee. When two or more brothers or sisters are studying in the University, then the one in the higher class shall pay full tuition fee while the other shall pay half of the tuition fee only.

Those students, who are scholarship holders and are also getting financial assistance from some other source, shall not be considered eligible for fee concession from the University. The University authorities may cancel any concession on the basis of misconduct or false presentation. Double financial benefits such as scholarships, financial assistance, and financial aid in any form, from any source, shall not be allowed to any student of the University.

Tribal students can apply for tribal scholarships to their respective Political Agents. Students of settled areas can approach the local, Provincial and Federal Government for the grant of monetary aid and financial help. Besides the above, some philanthropic voluntary organizations also offer scholarships to deserving students studying in the University, such as Syeda Mubarik Begum scholarships are granted through Babar Ali Foundation, Lahore, for the promotion of education, general uplift and welfare of needy and poor female students. Candidates must have passed their first and second semesters examinations by obtaining at least 3.00 CGPA.

The Students who have committed an act of indiscipline, will not get any Scholarship/Finanacial Assistance from UET, Peshawar. Those who are getting scholarships outside UET sources, their sponsors shall be reported this act of indiscipline. No Scholarship/Finanical Assistance will be extended to students studying under non-subisidized scheme.

3. FREESHIP IN RATIONALIZED FEE

Three freeships have been allocated for the students admitted in the self sustained Departments. One freeship will be awarded on merit and two on poverty basis. Minimum requirement in all cases will be at least 2.00 CGPA with no 'F' grades in previous examinations.

The merit will be determined on the basis of CGPA. However, for the students of 1st Semester, merit will be determined on the basis of total score at the time of admission to a program i.e marks of Matric, F.Sc & Entrance Test. Award of freeships shall be recommended by the Committee comprising the following:

1.	Dean, Faculty of Engineering	Convener
2.	Chairman of the Department	Member
3.	Director Finance	Member
4.	Provost	Member
5.	Incharge Student Affairs	Secretary/Member

Validity of freeship both on merit and poverty shall be for One Academic Year i.e Two Semester. In case of tie, candidate with higher merit will be awarded freeship. Freeship holders will have to pay normal fee and other user charges of the university.

4. CASH AWARDS TO TALENTED STUDENTS

In order to recognize merit and encourage academic competition among students, the following cash awards will be granted to students who secure first, second and third position in each semester in their respective disciplines.

First position holder: Rs. 1250/-each

Second position holder: Rs. 750/-each

Third position holder: Rs. 500/-each

Requirements for the grant of cash awards to students shall be as under:

(i) The student must have secured first, second or third position in the semester.

(ii) He/she should be a regular student of the University.

(iii) He/she must have passed all subjects of the semester in first attempt.

(iv) He/she must have secured at least 3.00 SGPA in the relevant semester.

In case of tie between two students, the marks obtained by them in their previous examination shall be the deciding factor.

5. AWARD FOR THE BEST STUDENT PROJECT

To encourage final year students to take interest in the Project Work and improve its quality, the Syndicate has approved the following rules for the award of best student project.

(i) There shall be one award comprising of cash prize of Rs. 10,000/- certificate and shield for the group members of the best project in each discipline. The shield inscribed with the names of the group members shall be kept in the respective department.

(ii) The award shall be given on the basis of recommendations of the Selection Committee. Best project for the award shall be evaluated by a Selection Committee for each department, comprising the following:

(a) Chairman of the Department:(Convener)

(b) Two Senior Teachers from the respective department: (Members)

(c) One expert from outside the University to be nominated by the Vice Chancellor on the recommendation of the Chairman of the department concerned: (Member)

(iii) The Chairman of the department shall announce the date for selection/competition for the best project well in advance.

(iv) The group of students of each project shall elect a leader from amongst themselves. In case of individual project as in Architectural studies, individual will present his/her work.

(v) Every group of students or individual that has undertaken a project shall be eligible to participate in the competition.

(vi) In case of group project, the leader of the group shall be responsible for organization and presenting the project to the teaching staff and final year students of the department concerned for appraisal.

(vii) In order to select the best project, the Selection Committee shall give due weightage to various components, such as the nature and quality of the project, the engineering and analytical input to the work and presentation to audience.

(viii) For selecting best project, there should be at least two projects in competition for each discipline.

6. GOLD MEDALS

6.1 University Gold Medals. Gold medals shall be awarded to students in each discipline who fulfill the following conditions:-

(a) Pass all the University Examinations in first attempt and complete the course within eight (B.Sc. degree) and ten (B.Arch. degree) consecutive semesters after joining the first semester.

(b) Secure at least 3.67 CGPA.

(c) Stand first in aggregate marks obtained in all examinations, in their respective disciplines. In case of tie, more than one gold medal will be awarded.

7. PRESIDENTIAL AWARDS

Two cash prizes of Rs. 5,000/- each are awarded by the President of Pakistan (one to a student from the Tribal Areas and one from Settled Districts) to students who secure the highest position in the Bachelor of Engineering/ Architecture Examination.

8. MERIT SCHOLARSHIPS

The students of 3rd, 5th and 7th semesters of B.Sc. Engineering in each discipline and 5th, 7th and 9th semesters of B.Arch. will be awarded university merit scholarships. These scholarships will be awarded on the basis of results of the preceding examinations, provided that the students qualifying for this award are not receiving any other scholarship or financial assistance in any form from any source. No merit scholarship will be awarded to students with CGPA less than 2.00.

9. FINANCIAL ASSISTANCE TO DESERVING STUDENTS

The following agencies provide financial assistance to deserving students on merit/in affordability basis:

1. Freeship for rationalized fee structure basis admission in nine departments of the University www.uetpeshawar.edu.pk
2. Frontier Education Foundation www.fef.edu.pk
3. Professional Education Foundation www.thepef.com
4. Pakistan Engineering Congress www.peccongress.com
5. Mora Scholarship from zakat fund
6. HEC Need based scholarships www.hec.gov.pk
7. Dr. Omer Hayat Trust fund
8. Karwan-e-ilm foundation info@karwan-e-ilm.com
9. USAID Merit & Need Based Scholarships www.hec.gov.pk
10. HEC German Need Based Scholarships www.hec.gov.pk
11. Diya Foundation Scholarships www.diyapak.org
12. London Foundation Scholarships www.pfl.uk.net
13. National Bank of Pakistan Loan Scheme www.nbp.com.pk
14. Chief Minister Scholarships for needy students www.pmuhed.com
15. Fast Cables Merit Scholarships www.fast-cables.com
16. JICA Endowment Fund Scholarships for needy students
17. Prime Minister National ICT Scholarships www.ictrdf.org.pk

CONDUCT & DISCIPLINE REGULATIONS

1. TITLE

These regulations are framed under "UNIVERSITY OF ENGINEERING & TECHNOLOGY, PESHAWAR CONSTITUTION, FUNCTIONS AND POWERS OF AUTHORITIES OF THE UNIVERSITY STATUTES, 2016". The University discipline Committee constituted under Clause-22.13 of "UET Peshawar Constitution, Functions and Powers of Authorities of the University Statutes, 2016" shall have the authority and jurisdiction to deal with and decide all cases of indiscipline, in accordance with University Students Conduct and Discipline Regulations.

2. APPLICABILITY AND COMMENCEMENT

These regulations shall apply to all students on the rolls of the University and the affiliated Colleges of the University.

3. STUDENTS CODE OF HONOUR

Every student shall observe the following code of conduct:-

(a) Faithfulness in his religious duties, and respect for convictions of others in matters of religion, conscience and customs.

(b) Loyalty of Pakistan, and refraining from doing anything which might lower its honour and prestige in any way.

(c) Truthfulness and honesty in dealing with others.

(d) Respect for elders, and politeness to all, especially to women, children, old people, weak, deformed and the helpless.

(e) Respect for teachers and others in authority in the University.

(f) Cleanliness of body, mind, speech and habits.

(g) Helpfulness to fellow-beings.

(h) Devotion to studies and sports.

(i) Protection of Government property.

4. PROHIBITED ACTS

The students should refrain from:-

(a) Smoking in class-rooms, laboratories, workshops, examination halls, or Convocation Hall, and during study or academic functions.

(b) Using or carrying of alcoholic drinks or other intoxicating drugs, within the University Campus or University Hostels or during instruction, sports or cultural tours or survey camps or entering such places or attending any such tour of camp while under the influence of such intoxicants, or any other University/ College functions outside the Campus.

(c) Organizing or taking part in any function within the University campus or hostel, or organizing any club or society of students or students associations, unions and federations, except in accordance with the prescribed rules and regulations.

(d) Collecting any money, receiving funds or pecuniary assistance for, or on behalf, of the University, except with the written permission of the vice-chancellor /Principal.

(e) Staging, inciting or participating in any walk-out, strike, or other form of agitation against the University or its teachers or officers, inciting any one to violence, disruption of the peaceful atmospheres of the University in any way, making provocative speeches or gestures which may cause resentment, issuing of pamphlets or cartoons casting aspersions on the teachers or staff of the University or the University bodies, or doing anything in anyway likely to promote rift and hatred among the various groups or castes of students community, issuing statements in the press making false accusations or lowering the prestige of the University or writing and pasting posters on the walls.

(f) Bringing, carrying and keeping of fire arms or any other weapon (of any nature/type) forbidden by law, within the University Campus, class-rooms, hostels and offices.

(g) Causing damage to University property or government public property.

(h) Use of loud speakers, mega-phones, “decks” in the University hostels and on campus.

5. ACTS OF INDISCIPLINE

A student will be deemed to have committed an act of indiscipline if he/she:

(a) Commits a breach of rules of conduct specified above, or

(b) Disobeys the lawful order or a teacher or other person in authority in the University, or

(c) Habitually neglects his work or habitually absents himself from his class without valid reason; or

(d) Wilfully damages University (or) public property or the property of a fellow student or any teacher or any employee of the University or

(e) Does not pay the fees, fines, or, other dues payable, under the University Regulations and Rules; or

(f) Does not comply with the rules relating to residence in hostels, or uses indecent language, wears immodest clothes, makes indecent remarks or gestures, or behaves in a disorderly manner, or commits any criminal immoral or dishonorable act (whether committed within the University Campus or outside) or any act which is detrimental to the interest of the University. False personification or giving false information or willful suppression of facts, information cheating or deceiving the University

(g) Forging, mutilating, altering erasing or otherwise tampering with any document connected with examination, receipt of University fees / dues or making undue use of such documents.

6. PROCEDURE IN CASE OF BREACH OF DISCIPLINE

The vice-chancellor , if in his opinion an act of indiscipline can more appropriately be dealt with by the University Discipline Committee, may refer it to the University Discipline Committee for necessary action under the Rules/Regulations.

7. RUSTICATION AND EXPULSION

(i) Rustication

(a) Rustication, whenever imposed on a College/University student, shall always mean the loss of one semester or one academic year so far his appearance in a University examination is concerned. The rusticated student may be admitted in the University on the expiry of the rustication period.

(b) No fee will be charged from a rusticated student for the month or months during which his name is struck off the rolls.

(ii) Expulsion

(a) The period of expulsion will be counted from the date of issue of such a notice by the University. Expulsion period can vary.

(b) Name of the expelled student will immediately be removed from the Department's rolls, and no fee will be charged from him/her for subsequent months.

(c) A student expelled from a Depart-ment may be re-admitted into that Department or another affiliated College after the expiry of the period of expulsion.

(d) Cases of expulsion will be registered in the University and notified to all Departments and Universities.

8. GENERAL

(i) The authority, which has the power to rusticate could also withdraw the same order before the expiry of the period.

(ii) No student shall be rusticated/expelled from the University unless he has been served with the Show Cause Notice, and allowed a reasonable time for explan-ation and replying to the charges framed against him.

(iii) When in the opinion of the Discipline Committee the rustication or expulsion is not called for in a case referred to it, may impose any other penalty or penalties mentioned in the above Regulations.

9. APPEAL

(i) An appeal against the punishment awarded by the University Discipline Committee can be made to the Appellate Committee.

(ii) No appeal by a student against the decision of the University Discipline Committee shall be entertained unless it is presented within thirty days from the date on which the decision is communicated to him.

This code of conduct will repeal all previous Regulations relating to Expulsion and Rustication or any other instructions relating to the maintenance of discipline among the students.

UNIVERSITY CONDUCT & DISCIPLINE REGULATIONS 2002 (Ame ded i 2006)

Penalties which may be imposed by the University authorities
For various offences committed are given below:

S.No	OFFENCE	PENALTY
1.	Using/carrying of alcoholic drinks or other intoxicating drugs within the University Campus or University Hostels or during Study Tour or Cultural Tours or Survey Camps, any such tours of any other University/College or outside the campus under the influence of such intoxicants or misbehaving with others, especially females, during tours etc.	Debar from classes for one week or fine not exceeding Rs. 10,000/- OR Expulsion from the University.
2.	Organizing or taking part in any function within the University Campus or hostel or organizing any club or society of students or students association, unions or federation, except in accordance with the prescribed rules and regulations.	Stern warning and / or Fine not exceeding Rs. 20,000/-, AND / OR Expulsion from hostel accommodation, if relevant.
3.	Collecting any money or receiving funds or pecuniary assistance for or on behalf of the University, except with the written permission of the vice-chancellor .	All money supposed to have collected shall be confiscated in favour of the University. AND/OR Fine not exceeding Rs. 10,000/-
4.	Staging or inciting or forcing fellow students to a walkout from classes or examination halls or organizing, conducting or participating in strikes or agitation or violence against the University authorities or members of teaching or administrative staff or disrupting the classes or any other academic activity of the University being held inside or outside the campus.	Expulsion from the University for one to four semesters/two academic years, depending on the nature and gravity of the crime. AND / OR Fine not exceeding Rs. 20,000/-
5.	Casting aspersions or using abusive and derogatory language in speeches, pamphlets or posters against the University authorities or members of teaching or administrative staff of the University or physically manhandling, beating or disgracing the University authorities or members of the teaching or administrative staff of the University or committing an act of moral turpitude against fellow students.	Expulsion from the University for one to six semesters/ three years, depending on the nature and gravity of the crime. AND / OR Fine not exceeding Rs. 30,000/-
6.	Conducting or inciting or participating in a violent attack on the offices of the University authorities, Chairmen, faculty members or other officers of the University.	Permanent expulsion from the University. AND / OR Fine not exceeding Rs. 50,000/-
7.	Damaging/destroying or trying to damage/ destroy the property (movable or immovable) of the University or University employees or Government or any other Public Organization or stealing or taking away by force any item of University property.	Recovery of the amount equal to the value of the damage caused; and / or fine not exceeding Rs. 20,000/- AND / OR Rustication from the University.

8.	Bringing, carrying or keeping or firing of arms or any other weapon (of any nature/type) within the University campus or class rooms or hostels or examination halls or offices of the University.	Fine not exceeding Rs. 20,000/- AND / OR Expulsion from the hostel. Expulsion from the University for a maximum period of two semesters / one year.
9.	Using loudspeakers or mega-phones in the University hostels or on the University campus or making provocative speeches or gestures which may cause resentment or doing anything in anyway which is likely to promote rift and hatred among various groups or castes of students community or issuing statements in the press, making false accusations against the University or University Authorities or members of teaching staff.	Fine not exceeding Rs. 20,000/-; expulsion from the hostel. AND / OR Expulsion from the University for maximum period of two semesters / one year.
10.	Misbehaving and not cooperating with faculty members, University proctors, Hostel Wardens, and other authorities.	Fine not exceeding Rs. 20,000/-; expulsion from the hostel. AND / OR Expulsion from the University for maximum period of two semesters / one year.
11.	Forming political wing of any political party, student union, student federation, or associations based on linguistic, ethnical, territorial, religions affiliation, or any other platform.	Fine not less than Rs. 5,000/- AND / OR Stern warning. Rustication / expulsion from University.
12.	Holding "Dars" or "Waaz-o-Naseehat" and collection of funds for political, religious party or group within the campus without permission of the University authorities.	Rustication / expulsion from University. AND / OR Fine not exceeding Rs. 30,000/-
13.	Carrying any activity of what-so-ever nature that does not come under the definition of curricular and co-curricular activities that is not allowed and organized by the University authorities.	Rustication / expulsion from University. AND / OR Fine not exceeding Rs. 20,000/-

Where acts of indiscipline need a prompt resolution or are minor in nature, the Chief Proctor may impose a fine not exceeding Rupees one thousand (Rs. 1000/-) and the proctors may impose a fine not exceeding Rupees five hundred (Rs. 500/-), whereas students will have the right to appeal against the fine to the University Discipline Committee.

UET Peshawar is zero-tolerant for students' misconduct, indiscipline, harassment, and politics at all levels inside and outside Campus

HOSTEL REGULATIONS

GENERAL

The cost of accommodation in University hostels is around Rs. 5000/- per month per student. However, the University provides huge subsidy on hostel accommodation. Hostel accommodation is a privilege and cannot be claimed as a matter of right. Accommodation being limited in hostels may not be provided to all the applicants and will be provided only on the availability of seats in hostels in the Main Campus and Satellite Campuses. The residential accommodation is an equal and merit based opportunity and preference is given only to those applicants who hail from far-off places. Hostel accomm-odation at various campuses of the university is available as under:

Peshawar: Six hostels for 1776 male students and two hostels for 181 female students.

Bannu: Three hostels for 296 male students and one hostel for 8 female students.

Abbottabad: Two hostels for 300 male students and one for 100 female students.

Kohat: There is no hostel facility available at Kohat Campus, so far.

Jalozai: Three hostels for 630 male students and one hostel for 210 female students.

Note: Due to lack of space/accomodation at UET Hostels, hostel accommodation will be provided at the time of admission of 1st semester subject to availability of seat purely on the basis of merit, determined by the Directorate of Admission for each discipline and need basis, determined by the Provost Office. The students of Jalozai Campus will not be considered for hostel allotment in the Main Campus.

Proper boarding, lodging and mess facilities are available to the residents in each hostel. The mess in each hostel operates on a no-profit no-loss basis.

Each hostel is looked after by a Resident Warden, who is responsible for the implementation of hostels rules, regulations and Maintenance of order and discipline in the hostel. The Resident Warden is the first point of contact between the Resident students and university administration.

All complaints regarding any student or member of hostel staff, shall be brought forth before the Resident Warden. Students must never take matters into their own hands. Bearers and other staff have been provided in each hostel to facilitate resident students. The Provost serves as the overall in-charge of the hostels and sets policy guidelines for the hostel administration. The campus coordinator for the remote campuses acts as Provost for his/her campus.

Security officer will supervise a team of highly trained security guards recruited from retired Pakistan Army personnel. Security guards will perform duty on gates of the hostels who will only allow lawful residence into hostels. Security officer will be overall incharge of security of hostels. He can visit surprisely rooms of any hostel at any time for check of any weapon, drugs, intoxicant, rods, daggers and harmful materials etc.

The residents of hostels are required to abide by the rules and regulations of the university hostels as laid down in this prospectus and notified from time to time by the hostel and university administration. Misconduct by any resident student may be punished directly by the Resident Warden with a fine of up to Rs. 5000/- or it may be reported by the Resident Warden to the Convener Hostel Disciplinary Committee for further action. The Hostel Discipline Committee may forward any case to University Discipline Committee (UDC), if it deems fit.

University Hostels and Available Accommodation

S.No	Name of Hostel	No. of Seats
1.	Shah Wali Ullah Hostel No. 3 (Old Block)	170
2.	Shah Wali Ullah Hostel No. 3 (New Block)	498
3.	Shahibzada Abdul Qayyum Hostel No.4	132
4.	Syed Jamal-ud-Din Afghani Hostel No.5	175
5.	Mehmood Ghaznavi Hostel No. 8	227
6.	Engineering Tribal Hostel No.11	298
7.	Sardar Abdur Rab Nishtar Hostel, Hostel No. 12	276
8.	Engineering Girls' Hostel (Old & New)	181
9.	Engineering Hostels, Bannu Campus	311
10.	Engineering Boys' Hostel, Abbottabad Campus	300
11.	Engineering Girls' Hostel, Abbottabad Campus	100
12.	Jinnah Hostel, Jalozai Campus	210
13.	Iqbal Hostel, Jalozai Campus	210
14.	Abu Bakar Hostel, Jalozai Campus	210

1 ADMISSION

1.1 Hostel admission will be granted only to those students who are on regular rolls of the University. The facility of hostel accommodation to full time postgraduate students may be provided subject to availability.

1.2 Students desirous of hostel accommodation are required to apply on the prescribed hostel admission form on or before the last date announced for the purpose. Students shall submit duly completed forms, alongwith five Passport size photographs duly attested by the head of the concerned department,

to the office of the Head of their respective department. The forms after necessary scrutiny will then be forwarded to office of the Provost. No application form for hostel admission shall be entertained after the closing date.

1.3 The provost office will prepare a merit list of the applicants after necessary scrutiny of admission forms. The provost office will distribute hostel admission cards among the eligible candidates as per merit list displayed. Each card will bear hostel name and father's name of the students, the hostel name and room number allotted to the student and a photograph of the student. The students shall submit their cards within 15-days after the allotment to the concerned warden and upon acceptance of which they shall become residents of that hostel and will be under disciplinary supervision of the hostel administration. If a student fails to submit his card to the concerned warden within due time, his hostel card shall stand void.

1.4 Seats in the hostels will be allocated to each department in proportion to the number of applicants for hostel accommodation from each department.. Preference shall be given to those applicants who hail from far-flung areas and do well in terms of merit.

1.5 Local students from Peshawar district will not be granted accommodation in university hostels. The hostel admission of any resident student shall be cancelled if at any point/time he/she is found to have been having a residence (owned/rented/official) at the time of allotment. He/she shall be penalized as deemed fit by the hostel and university administration.

1.6 The hostel authority has the right to refuse/cancel hostel admission of students who misuse their privilege.

1.7 A student can request the cancellation of his/her hostel admission. The student will be eligible to receive all the refundable amounts if the request is received within one month of the closing date of allotment of hostel accommodation. No refund will be allowed after that.

1.8 A student whose admission is cancelled by the hostel authorities on disciplinary grounds shall not be entitled to receive his hostel security.

1.9 Students who fail to complete their degree within the prescribed time (8 semesters/ 4 years) will not be entitled for hostel admission. The hostel authorities under special circumstances may consider such application for admission provided the applicant maintains regular attendance in classes.

1.10 Application for hostel admission, from students whose admission has been cancelled in the past on disciplinary grounds, shall not be entertained.

1.11 Re-Admission cases may be considered subject to availability of seats in hostels and validity of the reasons for re-admission. Cases of re-admission bear minimum priority to the hostel authorities.

2. ALLOTMENT

2.1 The warden of a hostel shall provide room/seat to a student within three days of the submission of his/her hostel card. However handing over/possession may take longer depending upon the time required to complete the process of shifting by ex-room holders.

2.2 Cubicle rooms will be allotted to final year students only, subject to availability.

2.3 Students of 1st, 2nd and 3rd year will be accommodated in bi-seater, tri-seater or four seater rooms.

2.4 Foreign students will be accommodated in a specified hostel (presently Syed Jamal-ud-Din Afghani, Hostel No.5).

2.5 Students are not allowed to interchange their rooms in the Hostel with each other with out permission of the warden. Any violation will result in initiation of serious disciplinary proceedings against the violators.

3 HOSTEL DISCIPLINE & ORDER

3.1 The Residents students must submit an undertaking of good conduct as provided by the university on judicial stamp paper before they can be issued hostel admission cards. The affidavits must be duly signed by the parent/guardian of the concerned student. A student, who fails to submit the duly filled affidavit, shall not be allowed to enter the hostel. The following must also be ensured with regards to the guardian of a student:

(a) A guardian can only be a Blood Relative i.e. elder sibling, paternal or maternal uncle.

(b) The parent/guardian must accompany the student to the hostel and he/she would be required to submit a copy of his/her CNIC along with the affidavit.

(c) Any student, who fails to furnish the above, shall not be allowed to enter the hostel premises.

(d) Every resident student shall be issued a boarder card, after due verification and collection of duly filled affidavits. The students must keep these cards at all times with them and they will be allowed entry into their hostels only after presenting this card to the security guard.

(e) Residents shall abide by hostel rules and regulations in letter and spirit. Violation of hostel rules and regulations or any order issued by the hostel administration shall render a resident liable for imposition of fine and/or expulsion from the hostel and to such other actions as deemed fit by the University authorities.

3.2 Anybody (be it a student of the university) who is not a resident of the hostel is not allowed to stay in the hostel premises.

3.3 Day scholars and residents of one hostel are not allowed overnight stay in any other UET hostel. Similarly, guests, family members or anyone else, are strictly prohibited overnight stay at any UET hostel.

3.4 Resident students can entertain their guests within the prescribed visiting hours only in the guest rooms prescribed for the said purpose in each hostel. No resident can entertain a guest in his/her room.

3.5 Residents are strictly forbidden of keeping any arms, intoxicants, drugs, rods or daggers, and harmful materials etc in the hostel. Any violation of this rule will result in serious disciplinary action against the violator and may lead to imposition of heavy fines and expulsion from the hostel. The hostel administration may also initiate criminal proceedings against the violator and refer the matter to the police.

3.6 Residents are not allowed to use heaters, air coolers and air conditioners in their rooms. Any violation will lead to imposition of fine, recovery of charges incurred and confiscation of the forbidden item.

3.7 Every Resident student is responsible for the peace and tranquility of hostel environment. Resident students are not allowed to play music or any instrument loudly.

3.8 Residents are not allowed to participate in any political activity.

3.9 Residents are not allowed to invite any political figure, scholar or any individual for any speech, lecture or sermon or to circulate any unpublished or published material for this purpose.

3.10 Residents are not allowed to assemble crowds or congregations within the hostel premises for any purpose e.g lunch, dinner, iftaar, political etc.

3.11 Entry of females into boys' hostels is strictly prohibited & vice versa.

3.12 Residents shall keep their rooms clean and tidy. They shall also be responsible to keep their rooms properly locked in case they leave the room. Residents shall not keep expensive items (cost of which exceeds Rs. 1000/-) or cash in their rooms. The hostel authorities will not be responsible for any loss.

3.13 Residents students are not allowed to park bicycles, motorcycles or cars within the hostel premises. The hostel authorities would not be responsible for any loss or damage incurred by the student.

3.14 Residents students are not allowed to ride bicycles or motorbikes inside the hostel premises. Any violation will be dealt with seriously.

3.15 Resident students shall not use and shall not allow the use of their accommodation for any purpose other than that prescribed and allowed by the hostel administration.

3.16 Resident students who in the view of the hostel authorities are not residing in their rooms shall have their hostel admissions cancelled.

3.17 Any complaints against the hostel staff may be brought into the notice of the hostel warden or the provost. Residents are not allowed to deal with the hostel staff directly on their own.

3.18 Resident students shall not insist on the hostel bearers to bring contraband goods for them. Residents shall not insist on the hostel staff to indulge in activities other than their prescribed job responsibilities.

3.19 The Warden of the hostel may impose a fine of up to Rs. 5000/- on any resident student who violates the hostel rules and regulations or orders of the hostel authorities. Prior to imposing any penalty on the Resident Student the Warden may serve him with a show cause notice to which the student must respond in writing within the specified timeframe. The Warden may decide to do away with any penalty if he finds the response of the student satisfactory or may decide otherwise. The Warden may forward the case to the Hostel Discipline Committee for further action. The Hostel Discipline Committee can report a case of indiscipline to University Discipline Committee if it deems fit.

3.20 Regulations for Hostel Warden (see on page 85)

3.21 Appeal: An appeal against the punishment awarded by the Resident Warden shall be forwarded to the Hostel Discipline Committee within fifteen days.

4 HOSTEL DISCIPLINE COMMITTEE

4.1 The Hostel Discipline Committee (HDC) will be formed by the Provost under clause 8 of Khyber Pakhtunkhwa, UET Ordinance No. XIII of 1980 and (amended) Ordinance No. IX of 1981.

4.2 Cases of indiscipline by the resident students may be forwarded to the Hostel Discipline Committee by the Resident Warden through the Senior Warden. The Convener of HDC in consultation with the Provost will call a meeting of HDC, at a place and time convenient to the committee members, to conduct hearings in the case.

4.3 The Hostel Discipline Committee will decide the cases according to hostel conduct and discipline regulations.

4.4 The Hostel Discipline Committee may forward the cases needing severe penalties (such as imposition of a fine of more than Rs. 40,000/- and or expulsion/rustications from the university) to the University Discipline Committee.

4.5 The decision of the HDC will be communicated in writing and will be duly signed by all members. The Assistant Provost will be responsible for recording the minutes and decisions of the committee, keeping proper record of all cases, and communication of decisions to all members, concerned students and wardens.

Regulations for Hostel Discipline Committee (see on page 85)

5 APPEAL

5.1 An appeal against the punishment awarded by the

Hostel Discipline Committee shall be forwarded to the University Discipline Committee.

5.2 No appeal by student against the decision of the Hostel Discipline Committee shall be entertained unless it is presented within 15 days of the date on which the decision is communicated to him/her.

6. HOSTEL CHARGES

Hostel charges can be changed from time to time by the University authorities. Hostel charges for the year 2020-21 (till further orders) are as follows:-

S.N	Description of Charges	Amount
a)	**University Fund**	
1.	University Fund for Seats (Room Rent/Elet. charges)	Rs. 18,000/- P.A
2.	University Fund for Cubical (Room Rent/Elet. charges)	Rs. 20,000/- P.A
b)	**Hostel Fund**	
1.	Hostel Security (Refundable/adjustable)	Rs. 1000/- P.A
2.	Mess Security (Refundable/adjustable)	Rs. 1500/- P.A
3.	Gas Advance (Refundable/adjustable)	Rs. 2000/- P.A
4.	Contingency (Non-Refundable)	Rs. 2000/- P.A
5.	Generator + Maintenance Charges	Rs. 6000/- P.A
6.	Hostel Card & Student Affidavit (Non-Refundable)	Rs. 200/- P.A
	Total:	**Rs. 12,700/- P.A**

7 HOSTEL MESS

7.1 Each resident student of the hostel will automatically be considered as a member of the hostel mess unless his membership is suspended by the Resident Warden. No member of the mess is allowed to close his mess account for a period of less than three days. In such case the student will inform the office assistant one day before doing so.

7.2 The hostel mess will be monitored by a Food Committee comprising of Resident students of the hostel which are appointed by the Resident Warden with the approval of the Provost. The continuation of the members of the Food Committee will be decided upon their progress. The Food Committee shall prepare a menu on weekly/monthly basis with the approval of the Resident Warden.

7.3 The Resident Warden shall supervise and check the mess daily or on alternate day. The Assistant Provost or Provost may make surprise visits to the Hostel Mess.

7.4 The Resident Students must pay their mess dues before the 15th of each month. A fine amounting to 10% of the total dues (rounded to the closest multiple of 10) shall be charged for late payment of dues after the due date. The Resident Warden reserves the right to change the amount of fine to be imposed on the resident students in case of late payment.

7.5 The Hostel Mess shall remain open during the time prescribed for each meal. Residents shall not be allowed to demand food after the prescribed time limit.

7.6 All the members of the mess shall take their meals in the Dining Hall of the hostel. No meals shall be served in their rooms by the hostel bearers.

7.7 Smoking is strictly prohibited in the hostel mess and its premises. Moreover resident students must not create any sort of disturbance or discomfort to their fellow students in the hostel mess.

7.8 Residents shall not use hostel lawns, common room and other places for lunch, dinner, breakfast or tea.

7.9 Residents of the hostel are not allowed to bring food from outside the hostel into the hostel mess.

7.10. In case of closing mess permanently, student should provide proper medical certificate.

8 HOSTEL GATES TIMINGS

8.1 Following timings will be observed for boys hostels.

Season	Opening gate time	Closing gate time
Winter	7:00 A.M	10:00 P.M
Summer	6:00 A.M	11:00 P.M

8.2 A Boarder card will be issued by the provost office to the residents. All the students are subject to keep the Boarder card with them in the hostel and university premises. This card will serve as a proof of student's identity as a Boarder. No student will be allowed entry into the hostel without his Boarder Card.

9 NOTICES & WALL CHALKING

No resident will be allowed to paste or exhibit any notice printed/hand written or other material, in writing anywhere in the hostel except those duly signed by the hostel warden. No resident student is allowed to engage in wall chalking inside the hostel premises. Any violation of this rule is subject to strict disciplinary action.

10 COMPLAINTS

All complaints about matters relating to the hostels shall be reported to the warden of the hostels. Students must never take any matter into their own hands, otherwise they'll be held liable for strict disciplinary action.

11 UTENSILS, FURNITURE & ELECTRIC INSTALLATIONS

11.1 Residents are not allowed to take utensils from the dining hall/hostel mess and furniture from common room to their rooms or other hostels. Residents are not allowed to move any hostel furniture or other items from their designated places. In case of any violation stern disciplinary action will be taken against him/her.

11.2 Every Resident of the hostel will be provided with a bed, a table and a chair. He/she will be responsible for any loss or breakage thereof. Residents who will destroy or damage any hostel property shall pay for damages and will be heavily fined.

11.3 All rooms of hostels have necessary electric fittings. Student/s residing in these rooms shall be responsible for the proper use and safety of these fittings.

12 COMMON ROOM

12.1 Each hostel shall have a Common Room Committee comprising of three to five resident students of that hostel and shall be appointed by the concerned Warden. The Committee will look after the affairs of the Common Room under the supervision of the hostel warden.

12.2 The Resident Warden shall take actions to provide residents with newspapers, magazines, material for indoor games and fulfill other maintenance requirements of the hostel. These needs shall be met through the contingency fund of the hostel. The Resident Warden shall determine the appropriation of contingency funds for these purposes.

12.3 Film shows are not allowed inside the hostels. Special permission of the Provost must be sought for the arrangement and use of microphones in any function whatsoever inside the hostel premises. Non residents shall not be allowed to enter and participate in any activity inside the hostel premises without the prior permission of the warden. No professional artist shall be invited to perform inside the hostel premises.

12.4 Social and cultural activities like indoor games, dramas, debates etc. can be arranged by resident students in the hostel from time to time with the permission of the Resident Warden. The Resident Warden shall decide the fate of such requests through consultation with the Provost.

13 HOSTEL STAFF

13.1 Private/personal servants are not allowed in hostels. Every hostel is manned with designated staff to look after the needs of resident students e.g. bearers, water carriers, sweepers and gardener etc. The hostel staff is answerable to the warden of the hostel. Any complaint against the staff should be communicated to the warden of the hostel in writing. Staff is required to serve the resident students inside the hostel premises according to the duties assigned to them by the hostel administration.

13.2 Misbehavior by the resident students with the hostel staff is subject to strict disciplinary action against the perpetrators.

14 PROHIBITION OF VALUABLES

14.1 The resident students are not allowed to keep valuable items like car, motorcycle, VCR, VCP, Video Camera, T.V Set, gold, expensive mobile phones, large sum of money etc. The hostel administration shall bear no responsibility in case of any loss or theft.

14.2 Resident students are allowed to keep computers, Laptops without external speakers/woofers in their rooms at their own risk for educational purposes only. The hostel administration shall bear no responsibility in case of any loss or theft.

15 REGIONAL SOCIETIES / POLITICAL / RELIGIO-POLITICAL GROUPS

Resident students are not allowed to form or be associated with political, regional, Religio-political or any sort of group in the hostel. Resident students are not allowed to use or let their rooms be used as offices of any group. Resident students are not allowed to conduct meetings of any nature under the umbrella of any such group inside the hostel premises. Any violation of these rules will be liable for strict disciplinary proceedings against those involved.

16 CLOSURE OF HOSTELS

The university hostels shall remain closed during the vacations. All resident students shall be required to vacate the hostels except those who are in examination or have enrolled in summer semester. The administration may provide an alternate arrangement for those who are in examination or enrolled in summer semester. Foreign students may be allowed to stay in their hostel during vacations.

17 SPECIAL REGULATIONS FOR GIRLS' HOSTELS

17.1 Female students shall go straight to their hostels after the completion of their classes in their respective departments.

17.2 Night attendance of the Resident students shall be taken on a daily basis.

17.3 The Warden shall carry out surprise visits to the rooms of Resident students.

17.4 The Hostel Gates Timing

Following timetable will strictly be observed for opening and closing girls hostel gates:

Season	Opening gate Time	Closing gate Time
Winter	7:00 A.M	4:00 P.M
Summer	7:00 A.M	4:00 P.M

17.5 Application for leave and complaint shall be submitted to the Warden/Provost. Residents must have their applications signed by the Warden/Senior Warden before leaving the hostel premises.

17.6 Visitors and Permission for Going Out

Every resident of the Girls' hostel must submit a list of three visitors duly signed by her parents/guardian along with photocopies of their CNICs at the time of admission.

17.7 Only parents/guardian and authorized visitors shall be allowed to visit female resident students during the following visiting hours:

Winter (October to March)

Saturday: 3:00 PM to 6:00 PM
Sunday: 9:00 AM to 6:00 PM

Summer (April to September)

Saturday: 5:00 PM to 7:00 PM
Sunday: 9:00 AM to 7:00 PM

17.8 Only parents/guardian and authorized visitors can take a resident student for shopping/overnight stay on weekends.

17.9 Permission to meet the authorized visitors must be obtained from the Warden or Provost. Male visitors shall meet the residents only in the visitor's room for

minimum possible time to avoid inconvenience to other students.

17.10 The resident students may attend the university's departmental functions and study tours subject to the permission of the Warden or Provost.

17.11 Permission for going out must be obtained one day in advance. While going out a resident, must sign in the Register giving time of departure, place and phone number of the place of visit and time of return. She must also sign in the register upon her return.

17.12 Guests: Border students will not be allowed to invite female guests for casual meals or for night stay without the prior permission of the hostel warden/Provost.

A: REGULATIONS FOR HOSTEL WARDEN

1	Violation of Hostel Rules or Disobeying the orders of Hostel Administration	First time: Fine upto a maximum of Rs. 5000/- Second time: Cancellation of Hostel Privilege for next sessions and/or expulsion from hostel.
2	Using Electric Heaters/Air Conditioners	First time: Fine upto a maximum of Rs. 5000/- and recovery of estimated electricity charges alongwith confiscation of the appliances Second time: Cancellation of Hostel Privilege for next sessions and/or expulsion from hostel.
3	Installing internal locks in the allotted rooms	Fine upto a maximum of Rs. 5000/-
4	Playing games in hostel lawns or corridors	Fine upto a maximum of Rs. 5000/-
5	Smoking in hostel premises, sleeping in prayer hall or common room/study room and any matter of this nature	Fine upto a maximum of Rs. 5000/-
6	Keeping non-residents in the room	Fine upto a maximum of Rs. 5000/-and cancellation of hostel privilege for next sessions and/or expulsion from hostel.

B: REGULATIONS FOR HOSTEL DISCIPLINE COMMITTEE

1	Keeping non-residents in hostel room	First time: Fine upto a maximum of Rs. 40,000/- Second time: Cancellation of Hostel Privilege for next sessions and/or expulsion from Hostel.
2	Keeping arms, explosives, intoxicants, and drugs or anything alike.	Fine upto a maximum of Rs.40,000/- and cancellation of hostel privilege for next session and/or expulsion from hostel.
3	Playing games in hostel lawns and corridors.	Fine upto a maximum of Rs. 20,000/-
4	Misbehavior with Hostel Staff or Administration or fellow students.	Fine upto a maximum of Rs. 40,000/- and/or expulsion from Hostel and/or cancellation of hostel privilege for next sessions.
5	Invitation to any political figures, scholar or any individual for any speech, lecture, sermon or to circulate any unpublished or published material for this purpose inside or outside the hostel. Pasting posters/notices etc. without the written permission of hostel administration and/or wall chalking and such other activities.	Fine upto a maximum of Rs. 40,000/- and/or expulsion from hostel and/or cancellation of hostel privilege for next sessions.
6	Damaging/theft or misuse of hostel property and hostel card	Recovery of loss and Fine upto a maximum of Rs. 40,000/- and/or expulsion from hostel and/or cancellation of hostel privilege for next sessions.
7	Subletting of one seat or room to outsiders	Cancellation of Hostel seat and fine of Rs. 10,000/- to 20,000/- for subletting a seat and fine of Rs. 20,000/- to 40,000/- for subletting a room.
8	Willful absence from HDC meeting by a Student	A fine of upto Rs. 10,000/- for the first time and cancellation of hostel seat and exparte action.

HOSTEL ADMINISTRATION

S.No.	Designation	Name	Phone
1	Provost, University Hostels	Prof. Dr. Sahar Noor	091-9222223
3	Deputy Provost, University Hostels	Mr. Ahmad Murad	091-9222223
4	**Engineering Girls' Hostel** a) Resident Warden b) Assistant Warden c) Assistant Warden	a) Engr. Ishrat Noor b) Sana Rehman c) Madeeha Amir Zeb	091-9218644
5	**Engineering Hostel No.3** a) Resident Warden	a) Engr. Wajid Ali	091-9222196 091-9222243 091-9216644
6	**Engineering Hostel No.4** a) Resident Warden b) Assistant Warden	a) Dr. Amir Naveed b) Engr. Hanifullah	091-9216675
7	**Engineering Hostel No.5** a) Resident Warden b) Assistant Warden	a) Engr. Abdur Rehman Babar b) Engr. M. Nasir Jamal	091-9216676
8	**Engineering Hostel No.8** a) Resident Warden b) Assistant Warden	a) Dr. Laiq Hasan b) Engr. Isamil Khan	091-9216667
9	**Engineering Tribal Hostel No.11** a) Resident Warden b) Assistant Warden	a) Engr. Faiz-ur-Rehman b) Engr. Shakir Azeem	091-9216678 091-9216599
10	**Engineering Hostel No.12** a) Resident Warden b) Assistant Warden	a) Engr. Fazli Yazdan b) Engr. Numan Khan	091-9239267

S.No.	Designation	Name	Phone
11	**Abbottabad Campus:** **i. Jalal Baba Boys Hostel** a) Warden b) Assistant Warden **ii. Sarban Hall Boys Hostel** a) Warden b) Assistant Warden **iii. Fatima Girls Hostel** a) Warden b) Assistant Warden	 a) Ar. Shahid Manzoor Khan b) Ar. Habib Ullah a) Engr. Akhtar Munir b) Arch. Azmat Ali Khan a) Miss. Rabia	 0992-9311073
13	**Bannu Campus:** Provost **i. Allama Iqbal Hostel** a) Warden b) Assistant Warden **ii. Faqir Epi Hostel** a) Warden b) Assistant Warden **iii. Rehman Baba Hostel** a) Warden b) Assistant Warden **iv. Girls Hostel** a) Warden	 Prof. Dr. Amjad Naseer a) Engr. Abdus Salam b) Engr. Irshad Hussain a) Engr. Fawad Khan b) Engr. Wisal Khan a) Engr. Asim Abbas b) Engr. Sadam Ullah	 0928-610804
14	**Jalozai Campus** **I. Jinnah Hostel** a) Warden b) Assistant Warden **II. Iqbal Hostel** a) Warden b) Assistant Warden **III. Abu Bakar Hostel** a) Warden b) Assistant Warden	 Engr. Fakhr-ul-Islam Dr. Abid Siddique Engr. Mohsin Iqbal Qazi Engr. Mubashir Hayat Dr. Akhtar Nawaz Engr. Faisal Pervez	 0923-577013 0923-577020

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- UET Peshawar is zero-tolerant for students' misconduct, indiscipline, harassment, and politics at all levels inside and outside Campus. Any violation in this regard automatically incurs punitive punishment as per established rules.
- Academic disciplines and campuses allotted to candidates at the end of admission process shall be final and cannot be changed. *[7.15, 7.16, Page No. 54, University Rules and Regulations, Admission Rules].*
- No migration shall be allowed in first, second, seventh, and eighth semesters. No migration is allowed on "mutual" basis, neither shall be migration allowed between various campuses of the University, and the affiliated Engineering Colleges. *[10.8 (a), 10.12, 10.13, Page No. 55, University Rules and Regulations, Admission Rules].*
- Interpretation of the rules by authorized officers of the University shall be final. The University authorities reserve the right to make any change in Rules at any time without prior notice.
- In all cases where University Rules and Regulations are silent, the decision of the Vice Chancellor shall be final. *[16, Page No. 57, Special Provisions].*

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