

PROSPECTUS 2023

Inspire the World



CECOS
UNIVERSITY

Ranked As #1

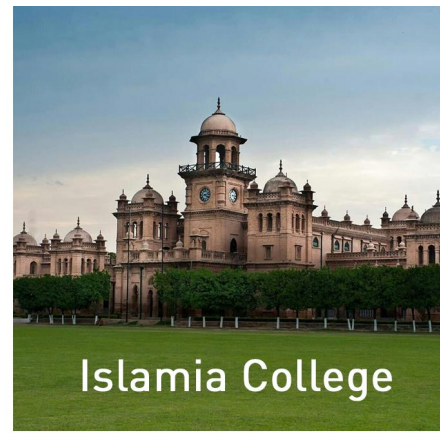
Private University In KPK by



Life at Peshawar

A Tapestry of Culture and Tradition

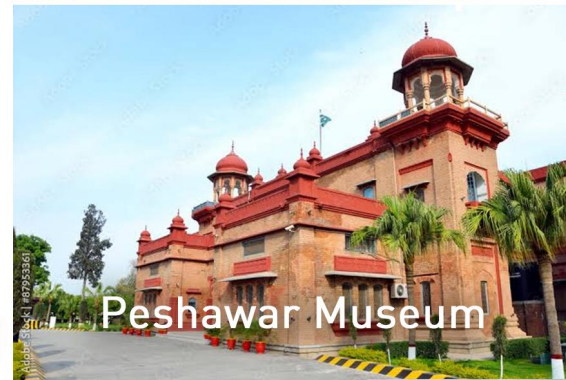
Nestled in the heart of Peshawar lies CECOS University, making the campus a hub of creativity, diversity, and innovation with a culture of inclusivity extracted from the city's rich history and traditions, providing the perfect place for academic pursuits. The city of flowers, diverse tradition and warm hospitality create a welcoming environment for students, making it an ideal place for individuals to study, explore and reside.



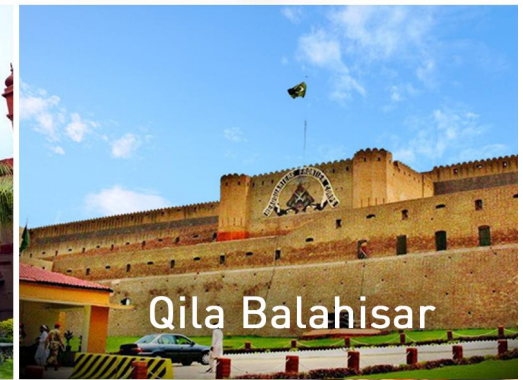
Islamia College



Bab-e-Khyber



Peshawar Museum



Qila Balahisar



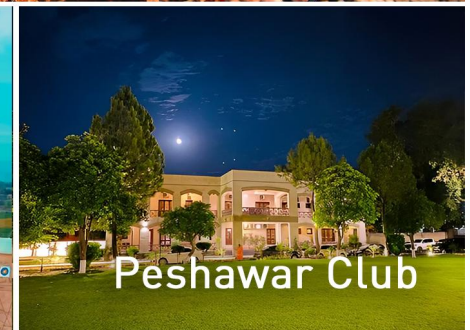
Clock Tower



Namak Mandi



DHA Sports Arena



Peshawar Club



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WELCOME

We are delighted to welcome you to CECOS University, where your energy and excitement enrich our vibrant campus life. Whether you are beginning or continuing your educational journey with us, we look forward to learning, exploring, and growing together. At CECOS you are part of a strong campus community that values academic excellence and diversity.

OUR VISION

To be the leading hub of academic excellence and innovation, and to address global challenges of today and tomorrow.

OUR MISSION

To nurture an intellectually stimulating environment that provides rich and holistic educational programmes with world-class research and innovation to produce highly skilled graduates with a strong moral character. We take great pride in contributing to society through the pursuit of our distinctive commitment to ethics, tolerance, social responsibility and academic freedom.

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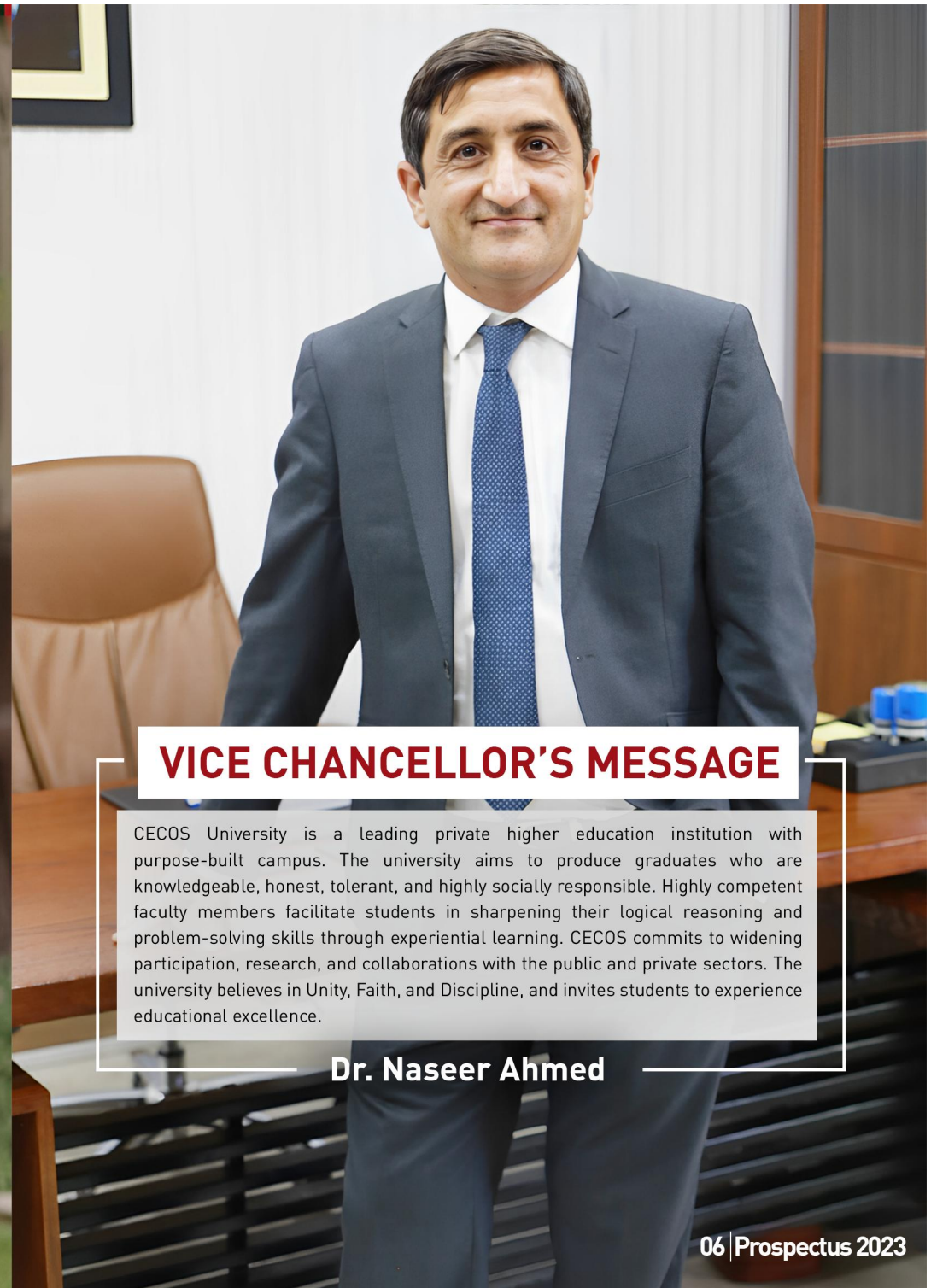
MESSAGES



PRESIDENT'S MESSAGE

Witnessing significant global economic changes, the educated youth plays a vital role to develop our country's economy for which higher education institutions must continue to provide highly talented human resources. CECOS University, with its qualified staff possessing vast experience and knowledge, is playing a pivotal role in the production of skilled and qualified graduates. As a private sector university, CECOS complements government efforts to meet education demands, especially in under-developed areas, prioritizing uncompromising quality. Our focus remains on improving overall education standards and creating a unique educational environment with modernized management, achieving technological excellence, and upholding standards with accountability to The Almighty Allah.

Engr. Muhammad Tanveer Javed



VICE CHANCELLOR'S MESSAGE

CECOS University is a leading private higher education institution with purpose-built campus. The university aims to produce graduates who are knowledgeable, honest, tolerant, and highly socially responsible. Highly competent faculty members facilitate students in sharpening their logical reasoning and problem-solving skills through experiential learning. CECOS commits to widening participation, research, and collaborations with the public and private sectors. The university believes in Unity, Faith, and Discipline, and invites students to experience educational excellence.

Dr. Naseer Ahmed



REGISTRAR'S MESSAGE

As the University Registrar, I welcome you to CECOS University on behalf of the community. Our multi-disciplinary University provides an excellent environment for learning, research, and innovation. We empower students with knowledge-based, quality education in a holistic manner. The Career Development Centre guides students toward future career paths. We assure you our best service and cooperation but remember, this is your time to shine.

Mr. Khurshid Qasim Marwat



DEAN STUDENT AFFAIR'S MESSAGE

Welcome to CECOS University! As Dean of the Office of Student Affairs (OSA), I assure you that all your needs will be taken care of efficiently. OSA handles all student-related activities, including admissions, career advising, and student society-led events. Our talented team is always available to process your requests promptly. We encourage you to join our active societies and make the most of your time here. Have a productive academic year, and we look forward to meeting you soon.

Dr. Nudrat Aamir

ADMINISTRATION

Engr. Muhammad Tanveer Javed President	Engr. Sohaib Tanveer Vice President	Prof. Dr. Naseer Ahmed Vice Chancellor
Prof. Dr. Irfan Ullah Dean - Faculty of Engineering	Prof. Dr. Fazal Subhan Dean - Faculty of Life Sciences	Prof. Dr. Abid Ahmad Dean - Faculty of Computing & Management Sciences
Prof. Dr. Zia Ullah Shah Dean - Post Graduate Studies	Dr. Ali Sayyed Dean - ODL Management Office	Dr. Nudrat Amir Dean - Student Affairs
Wg Cdr (R) Khurshid Qasim Marwat Registrar	Mr. Muhammad Aamir Aziz Controller of Examinations	Col Ashfaq Ahmad (R) Director Welfare
Mr. Ashok Kumar Deputy Registrar, Establishment	Mr. Muhammad Imran Deputy Controller of Examinations	Mr. Rustam Ali Nasir Director Finance
Mr. Muhammad Rauf Deputy Registrar, Establishments	Mr. Muhammad Amjad Deputy Controller of Examinations	Dr. Maryam Mahsal Khan Director QEC
Engr. Saima Hassan Manager, Human Resource	Major. (R) Noor Muhammad Deputy Controller of Examinations	Mr. Abdul Hanan Director ORIC
Engr. Zia-ur-Rehman Manager Admin & Works		Syed Ahmad Waleed Manager Marketing
Prof. Dr. Muhammad Tariq Bashir HOD, Civil Engineering	Dr. Azhar Qazi HOD, Electrical Engineering	Prof. Dr. Muhammad Iqbal HOD Mechanical Engineering
Engr. Nasrullah Aziz Academic Coordinator, Department of Civil Engineering	Dr. Zaheer Farooq Academic Coordinator, Department of Electrical Engineering	Engr. M. Irfan Khan Academic Coordinator, Department of Mechanical Engineering
Ar. Adnan Ahmad Khan HOD, Architecture	Dr. Cedric Aimal Edwin HOD, Management Sciences	Dr. Kifayat Ullah HOD Computer Science
Ar. Inayat Ullah Academic Coordinator, Department of Architecture	Mr. Bashir Akbar Program Manager Department of Management Sciences	Mr. Waqas Nouman Siddiqui Program Manager Department of Computer Science
Dr. Nudrat Amir HOD, Basic Sciences & Humanities	Dr. Fazal Subhan HOD, Pharmacy	Prof. Dr. Zia Ullah Shah HOD, Allied Health Sciences
Miss. Faiza Program Maager Department of Basic Sciences	Dr. Shehla Akbar Academic Coordinator Department of Pharmacy	Dr. Shabi Ul Hassan (PT) Academic Coordinator, Department of Allied Health Sciences
Dr. Kashif Mehmood HOD Integrative Biosciences		Mr. Muhammad Aamir Wahab Academic Coordinator, IIB

BOARD OF GOVERNORS



Engr. Muhammad Tanveer Javed
President, CECOS University



Engr. Sohaib Tanveer
Vice President, CECOS University



Dr. Naseer Ahmed
Vice Chancellor, CECOS University



Justice (R) Mhammad Ayub Khan
Nominee of Chief Justice
Peshawar High Court



Chairman Higher Education Commission
or Nominee



Dr. Lutfullah Kakakhel
Former Vice Chancellor, Kohat University of Science & Technology, Kohat
(Nominee of President, CECOS University)



Dr. Saeed Mahfooz
Professor, Computer Science Department, UoP
(Nominee of Board of Directors)



Commander (R) Jamshed Savul
Nominee of Board of Governors
CECOS University



Dr. Ali Mahmud
(Managing Director, KP Information Technology Board)



Dr. Razia Sultana
Shaheed Banazir Bhutto Women University, Peshawar
(Nominee of President, CECOS University)



Dr. Mudassir Tanveer
Member Board of Directors, CECOS University
(Managing Director, CECOS College London)



Dr. Shahid Khattak
Vice Chancellor LETI, Mardan
(Nominee of Governor, Khyber Pakhtunkhwa)



Dr. Irfan Ullah
Dean, Faculty of Engineering
(Nominee of Vice Chancellor, CECOS University)



Mr. Khurshid Qasim Marwat
Registrar, CECOS University
Secretary, BOG

HISTORY



1986 - 1994

- CECOS Data Institute
- CECOS Frontier College of Business Education
- CECOS Data College
- Department of Management Sciences
- Department of Computer Science

1995 - 2000

- CECOS College of Engineering and IT
- Department of Civil Engineering
- Department of Electrical Engineering
- CECOS College London

2001 - 2007

- Grant of Charter by KP Government (Establishment of CECOS University)
- Recognition by Higher Education Commission
- Accreditation by Pakistan Engineering Council
- Department of Architecture

2008 - 2014

- CECOS Industrial Liaison Centre
- Accreditation by PCATP
- RAFSAN Neuro Rehab Centre
- Department of Mechanical Engineering
- Institute of integrative Biosciences

2015 - 2023

- Peshawar Light Engineering Centre
- The Edex School
- Department of Allied Health Sciences
- Accreditation by NCEAC
- Department of Pharmacy
- NOC by Pharmacy Council of Pakistan
- CECOS Innovations
- The RAFSAN School

PROJECTS



The EDEX School, established by CECOS University in 2017, is an esteemed educational institute dedicated to providing an exceptional education. With highly qualified faculty, the school offers a serene environment conducive to learning and personal growth. The school employs innovative teaching methods, prioritizing a student-centered approach that fosters active participation, critical thinking, and problem-solving skills. By blending interactive classroom sessions, practical experiments and group discussions, students gain the knowledge and skills necessary to thrive in the modern world. Moreover, through its prestigious collaboration with the University of Cambridge International Examinations, The EDEX School provides students access to a diverse and dynamic curriculum of global standards.



A Non-Profit School

that supports education
of underprivileged children

An institution where we prioritize delivering high-quality education and empowering underprivileged children, while actively promoting social equality. We are committed to recruiting and retaining qualified and passionate teachers who are dedicated to serving underserved communities. Our focus is to create a safe and conducive learning environment, supported by well-equipped facilities including classrooms, libraries, laboratories, and recreational areas. The curriculum we teach not only meets educational standards but also caters to the specific needs and circumstances of needy students. Moreover, we provide essential resources such as textbooks, learning materials, computers and internet access to enrich the educational experience for our students.



Since our establishment in 1998, **CECOS College London** has been widely regarded as a highly esteemed institution in the realm of further and higher education in the UK. Our mission is rooted in providing equitable opportunities for personal, professional, and academic growth of students from all walks of life. At CECOS College London, we deliver educational experiences that are characterized by a strong sense of commitment, enthusiasm, effectiveness and creativity. We are dedicated to preparing our students to take on the next phase of their lives. Our programmes are thoughtfully formulated to ensure that our students receive a rigorous and comprehensive education that can withstand the challenges posed by the fast-paced and ever-changing contemporary world.



We have been delivering Higher and Further Education courses since 1998 and are justifiably proud of our achievement rates which are in excess of 92%. Our ethos is to help and support those furthest from the workplace who invariably have been out of learning for a considerable period of time. Our methodology is to deliver in settings convenient to marginalised communities, including community centres, community groups and social venues etc.

The qualifications we offer are part of the wider government agenda which focus around jobs

Higher Education Programmes

- Business Management BA (Hons)
- Health and Social Care BSc (Hons)
- HNC/HND Business
- Diploma in Education and Training (Level 5 Teacher Training)
- Master of Business Administration

Further Education Course

- Basic Skills- English and Maths
- IT & Digital
- Healthcare
- Business

All of our foundation programmes embed essential employability skills and have exceptional progression rates of 92%.

We work with leading awarding and funding bodies including Staffordshire University, Newman University, Greater London Authority, West Midlands Combined Authority, West Yorkshire Combined Authority, Pearson and NCFE.

At CECOS College we are proud to be firmly embedded within the communities, which we serve and we currently have 4 campuses located in the UK for our FE & HE delivery. Our UK campuses have been specifically selected to be both readily accessible and at the heart of the community:

- Edmonton Green, North London – at the heart of the community we serve and the UK Headquarters for CECOS
- Stepney Green, East London – conveniently located in the heart of the east end, with road and rail links
- Barford Street, Birmingham – based in the heart of this vibrant city and ideally situated to be readily accessible by all our students
- Currer Street, Bradford – a key location within the Northern Powerhouse near to the entertainment hub and Bradford Broadway Centre

Staff and student welfare is a prime consideration of CECOS College and therefore we are proud of our student cafes at all of our campuses, together with a breakout room and also a non-denominational prayer room. All locations have an extensive library/resource centre with extended opening hours to fit in with the work and family commitments of our students.

ACCREDITATIONS & PARTNERS



kGems DAY NURSERIES



Knowledgems Day Nurseries, another brilliant project by the CECOS group with two campuses located in Valentine Park, Ilford and Clayhall Park, Ilford. The campuses lie in the heart of greenery and offer a refreshing environment for children's learning. Both campuses are beautifully designed throughout with bright, open areas for babies, toddlers and preschoolers. KGems offers high quality, flexible childcare for children aged 3 months to 5 years. Knowledgems Day Nurseries aims to create a happy and relaxed atmosphere for all the children, providing children with the freedom to explore the variety of planned activities suited to their needs.

Inspiring young minds to soar beyond limits

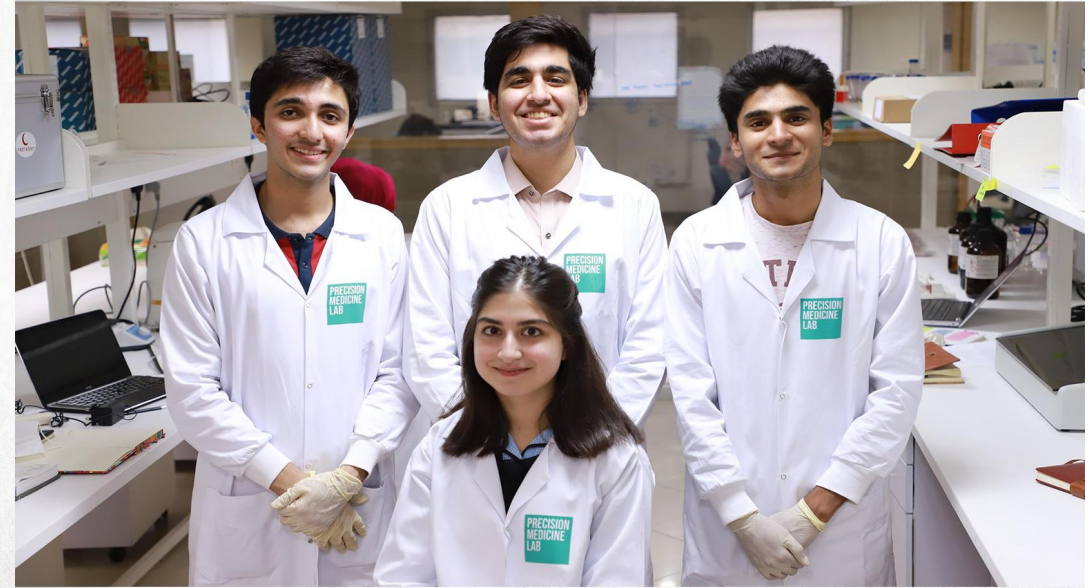
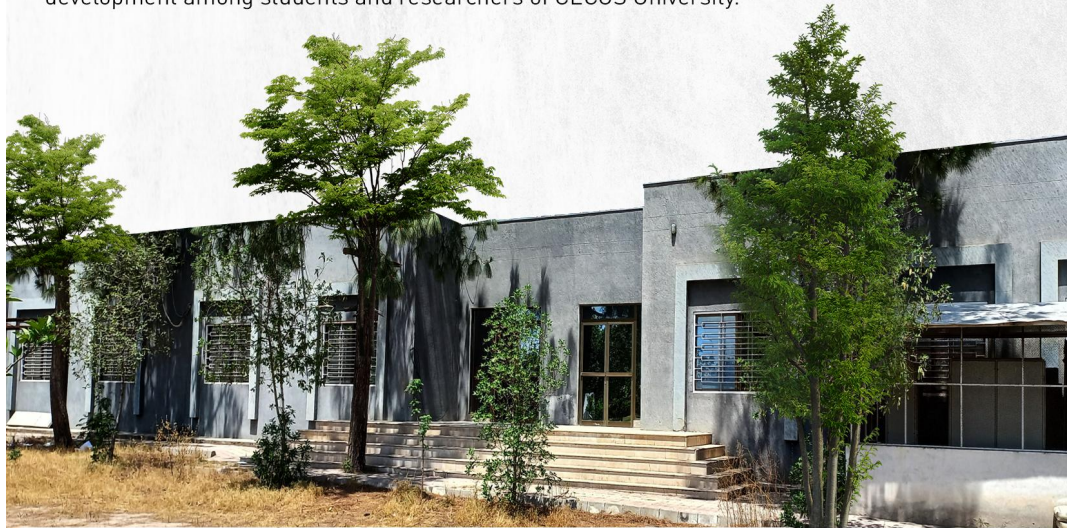




PESHAWAR LIGHT ENGINEERING CENTER

Peshawar Light Engineering Centre (PLEC) has been established at CECOS Industrial Liaison Centre, Industrial Estate, Peshawar. The PLEC is a joint venture of CECOS and Technology Upgradation and Skill Development Company (TUSDEC) in partnership with the Asian Development Bank (ADB). The Centre is quite in line with the policy of the Government and Higher Education Commission. This Centre is unique of its kind in terms of public-private partnership which is helping in bridging the gap between academia and industry. The PLEC is exclusive for KPK and other industrial resource centers to upgrade skills and enhance their capacity for improving product quality by using this state of the art facility.

This Centre is providing the engineering industry of KP with modern design and fabrication solutions, training, technical assistance and consultancy in product manufacturing. It is working as a Common Facility Centre (CFC), Product Development Institute and Skill Development, Training and Designing Centre. Apart from this, the Centre is also promoting technology and skill development among students and researchers of CECOS University.



The Precision Medicine Lab is a joint initiative by CECOS University and Rehman Medical Institute. Located in Phase-V Biomedical cluster in Hayatabad, Peshawar, the lab is an affiliate of the prestigious National Centre for Big Data and Cloud Computing (NCBC) hosted by the Project Secretariat at LUMS and supported by the Federal Government of Pakistan through the Higher Education Commission in Islamabad.

It aims to develop integrated genomic and health datasets and use computational methods to help improve individual patient outcomes, especially in cancer, and to improve the development of new drugs and provide enabling technology for drug combination studies and targeted drug delivery.



WHY CECOS

40+ 
Degree Programs

PKR 210 Million
Scholarship disbursal during last 5 years

100+
Dedicated Faculty Members

3200+
Students Enrolled

40000+
Alumni Community

1000+
Research Papers published

Are you looking for an institution that combines academic excellence with a commitment to holistic student growth? Look no further than CECOS University. With a wide range of undergraduate and graduate programs, CECOS offers the academic rigor necessary to succeed in today's job market. The institution places equal importance on creating a welcoming and inclusive campus culture that supports students' personal growth, with extracurricular activities and community service opportunities aimed at developing well-rounded individuals.

If you're looking for a university experience that will help you achieve your career goals while also fostering personal development, CECOS is the perfect choice.



1st Private Sector University
of KP to offer Accredited Engineering Programs

1st Private Sector University
of KP to setup a dedicated Industrial Liasion Center

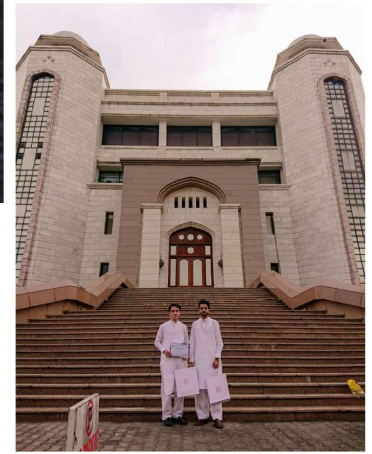
1st Private Sector University
of KP to offer Architecture Program in Peshawar



Zohaib Khalid FIFA Champ

Consecutive 8 times country champion

Zohaib Khalid, a 22-year-old software engineering student of CECOS, has conquered the national FIFA gaming realm for eight years, triumphing in over a hundred local tournaments, including the esteemed FIFA Masters. Now, his exceptional skills have earned him a coveted trial with a renowned gaming team in enchanting Paris, captivating the world with his unrivaled talent.



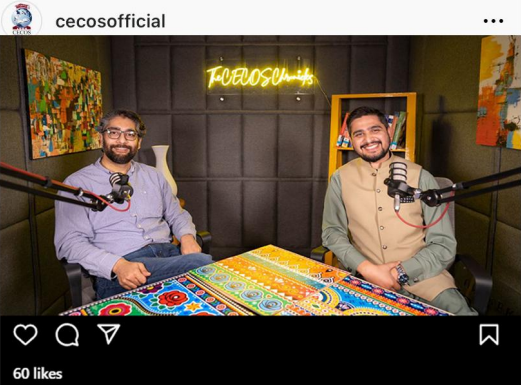
1st Pakistani Institute to Participate & win - IGEN World Championship

CECOS University participated in the iGEN (International Genetically Engineered Machines) World Championships held in 2016 and 2017 in Boston, USA. CECOS teams were awarded a bronze medal in 2016 and a silver medal in 2017. A milestone in the list of achievements, competing against 300 international teams. In the 15-year history of the competition at MIT, this was the first time a team represented Pakistan.

LIFE AT CECOS



188 likes



60 likes



111 likes



35 likes



likes



likes





University societies are entirely student-run and dedicated to keeping their peers informed about important issues, while also organizing a wide range of events and activities available to all students on the campus. These societies often engage in charitable events or work voluntarily to give back to the community, providing ample opportunities for students to make a difference and help others.

Enrich Your University Journey with Our Societies



CECOS SOCIETIES

CECOS Entrepreneurial and Startup Initiatives Society	
CECOS Better World Society	CECOS Art & Heritage Society
CECOS Health & Physical Society	CECOS Quran Society
CECOS Media Club	CECOS Blood Donar Society
CECOS Sports Society	CECOS Literacy & Acting Society
CECOS Adventure Club	YPDC CECOS Chapter
CECOS Sustainable Community Service Society	



A TIME TO REMEMBER A TIME TO CELEBRATE

CECOS University held its convocation ceremony at the Shiraz Arena, where 318 graduates including 6 PhDs received degrees, while 52 students were awarded gold medals.



LAUNCHING GRADUATES INTO A WORLD OF POSSIBILITIES

Mr. Najeeb Haroon, Chairman Pakistan Engineering Council motivated the graduates to shape the future of Pakistan and be grateful for their opportunities. The event was attended by proud parents, faculty members, and government officials who congratulated the students on their accomplishments.





HOSTELS

Creating an atmosphere that fosters growth and success

CECOS University welcomes students from various regions across the country, acknowledging the need for suitable accommodation. To address this, the university has established well-appointed hostels conveniently located near CECOS. These hostels are thoughtfully designed to provide a comfortable living environment with well maintained common rooms ensuring that students feel at home during their time at the hostel.

With a focus on student well-being, the university ensures that the hostels are equipped with ample facilities and amenities to cater to their needs. By prioritizing student comfort, CECOS University creates a supportive atmosphere that fosters academic growth and personal development. The provision of comfortable accommodation exemplifies the university's commitment to providing a nurturing and conducive environment for its diverse student community.



Attached Washrooms



24/7 security



High Speed Wifi



3 Time Fresh Meal



Laundry Facility

TRANSPORT

The University's transportation system is aimed at providing hassle-free, reliable, and convenient transportation services to its students, faculty, and staff. The focus is to ensure efficiency and accessibility of transportation, allowing for easy commuting within and around the campus.

To achieve this objective, the University has established a comprehensive transportation system that includes designated bus routes with strategically located stops for easy access. The buses operate during peak hours, ensuring punctual arrivals and departures.

PESHAWAR BRT STOP AT CECOS

A BRT stop has also been set-up near CECOS, making it easier for students, faculty, and staff to access transportation services.



LIBRARIES

CECOS University boasts of two meticulously curated libraries that offer a diverse range of resources to cater the academic needs of its students. These libraries stand as a beacon of knowledge as they provide access to up-to-date books, journals, and other essential text books. The central library is equipped with the latest technologies and research tools, offers students access to online databases, digital archives, and other electronic resources for conducting research. It empowers students to embark on intellectual pursuits and dive into complex coursework or explore new frontiers of knowledge.

30,000+ Editions Available in Digital Library



CAFETERIA

CECOS University boasts three exquisitely maintained and inviting cafeterias that offer a delectable array of refreshments to its students at exceedingly reasonable prices. These vibrant dining establishments not only fuel their bodies but also serve as dynamic hubs for socialization and intellectual discourse, providing students with a conducive environment to unwind, connect, and exchange ideas during breaks. The lively atmosphere encourages meaningful conversations, expanding students' perspectives, and enriching their educational experience.



Summit Cafe

Experience the magic of CECOS University's rooftop café, where gastronomic delights combine with stunning views to create an unforgettable dining experience.



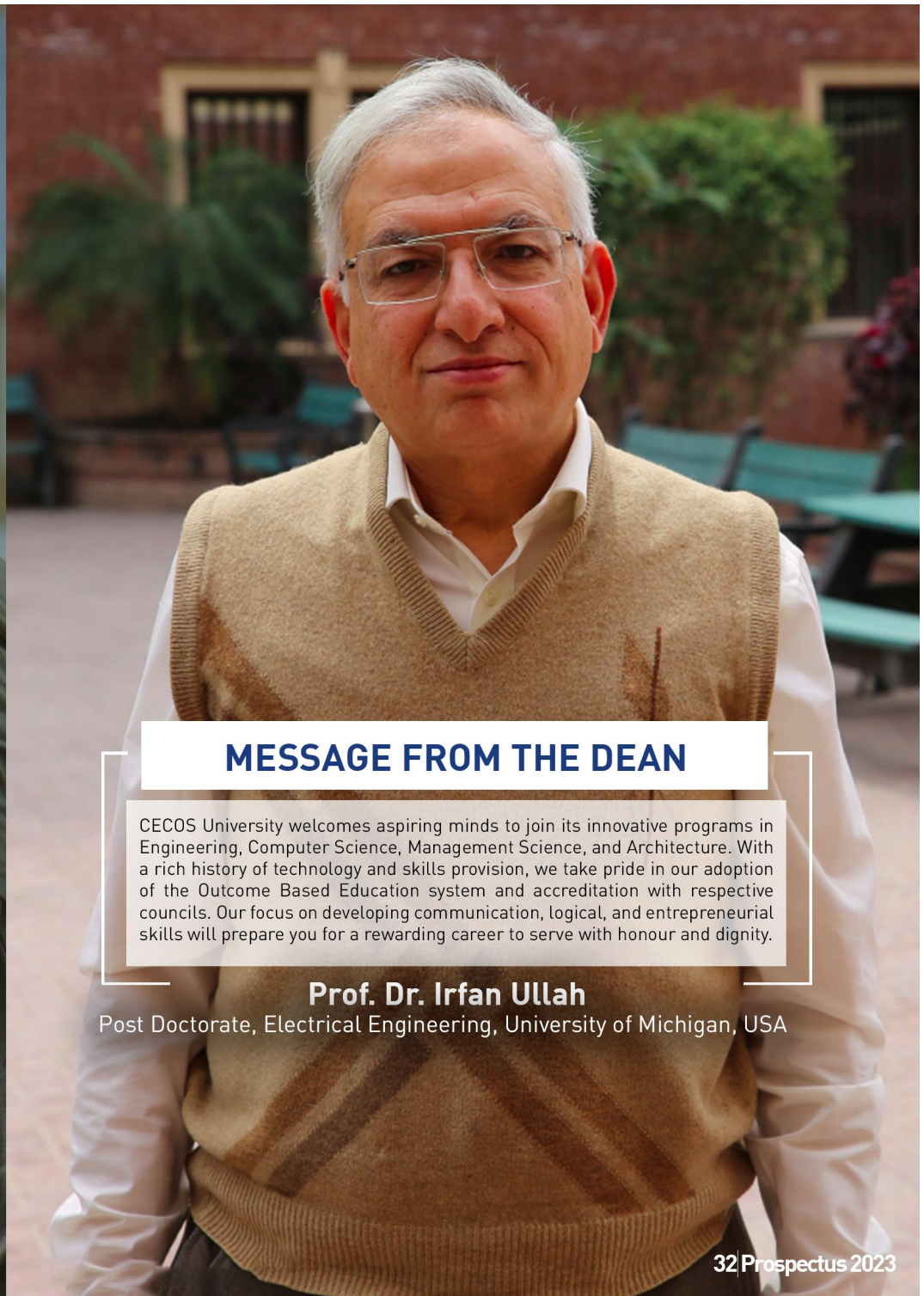
FACULTY OF ENGINEERING & ARCHITECTURE

Civil Engineering

Electrical Engineering

Mechanical Engineering

Architecture



MESSAGE FROM THE DEAN

CECOS University welcomes aspiring minds to join its innovative programs in Engineering, Computer Science, Management Science, and Architecture. With a rich history of technology and skills provision, we take pride in our adoption of the Outcome Based Education system and accreditation with respective councils. Our focus on developing communication, logical, and entrepreneurial skills will prepare you for a rewarding career to serve with honour and dignity.

Prof. Dr. Irfan Ullah

Post Doctorate, Electrical Engineering, University of Michigan, USA

CIVIL ENGINEERING

B.Sc Civil Engineering

B.Sc Civil Engineering Technology

MISSION STATEMENT

To serve the engineering profession by offering high quality education to create professionals that contribute towards society by providing innovative solutions with a focus on research in Civil Engineering and allied disciplines.

MESSAGE FROM THE HEAD OF DEPARTMENT

CECOS University's Department of Civil Engineering is a unique and highly sought-after program that offers state-of-the-Art laboratories, low student to faculty ratios, and real-world learning opportunities through industry connections and student chapters of professional societies. With a focus on providing services to benefit society and the environment, students are equipped with the technical skills and knowledge needed to become future leaders in the field. Join us and begin your journey toward a successful career in civil engineering.

Prof. Dr. Muhammad Tariq Bashir

Ph.D Civil Engineering, UMP, Malaysia

FACULTY OF CIVIL ENGINEERING

Prof. Dr. Muhammad Tariq Bashir
Head of Department / Professor
Ph.D Civil Engineering
UPM, Malaysia

Engr. Muhammad Hassan
Assistant Professor
B.Sc Mechanical Engineering
UET Peshawar

Dr. Beenish Jehan Khan
Associate Professor
Ph.D Geotechnical Engineering
CECOS, University

Engr. Qaiser Jamal
Assistant Professor
M.Sc. Structure Engineering
UET Peshawar

Engr. Nasrullah Aziz
Lecturer / Academic Coordinator
M.Sc. Water Resource Engineering
& Management UET, Peshawar

Engr. Kashif Ali Khan
Lecturer
M.Sc. Structure Engineering
CECOS University

Engr. Faizan Farid
Lecturer/PG Coordinator
M. Sc. Structure Engineering
Iqra National University, Peshawar

Engr. Hamza Jamal
Lecturer
M.Sc. Transportation Engineering
UET, Peshawar

Engr. Tayyaba Hamid
Lecturer
M.Sc Water Resource
UET, Peshawar

Engr. Amna Khan
Lab Engineer M.Sc. Structure
Engineering
UET, Lahore

Prof. Dr. Bazid Khan
Professor
Ph.D Structural Engineering
Dokuz Eylul University, Izmir, Turkey

Dr. M. Ali Sikandar
Associate Professor
Ph.D. Structural Engineering
Hanyang University, Seoul, Korea

Dr. Syed Saad
Assistant Professor
Ph.D Civil Engineering &
Construction Management
Universiti Teknologi Petronas

Engr. Zia ur Rehman
Assistant Professor
M.Sc. Structure Engineering
CECOS University

Engr. Muhammad Waleed Sarwar
Lecturer
MS. Structure Engineering
CECOS University

Engr. Sultan Shah
Lecturer
M.Sc. Construction Management
UET Peshawar

Engr. Muhammad Aadil
Lecturer
M.Sc. Transportation Engineering
MCE Risalpur

Engr. Muhammad Tauqir
Lecturer
M. Sc. Structure Engineering
NICE MUST Islamabad

Engr. Hamza Qureshi
Lab. Engineer
B.Sc Civil Engineering
UET Peshawar

Engr. Umar Farooq
Lab Engineer
B.Sc Civil Engineering
CECOS University Peshawar

Col.(R) Engr. Marwat Khan
Professor
M.Sc. Structure Engineering
UET Lahore

Dr. Bakht Zamin
Associate Professor
Ph.D. Geotechnical Engineering
CECOS, University

Engr. Rakhshanda Rehman
Assistant Professor
M. Sc. Environmental Engineering
UET Peshawar

Engr. Mohammad Dawood
Lecturer
M. Sc. Environmental Engineering
UET Peshawar

Engr. Muhammad Waqas
Lecturer
M.Sc. Construction Management
UET, Peshawar

Engr. Zeeshan Umar
Lecturer
M. Sc. Structure Engineering
UET Peshawar

Engr. Muhammad Asadullah
Lecturer
M.Sc. Water Resource Engineering
UET Taxila

Engr. Inam Abbas Khan
Lecturer/Exam Coordinator
MS Structural Engineering
CECOS University

Engr. Asad Jamil Khalil
Lab Engineer
B.Sc Civil Engineering
UET, Peshawar

Engr. Ahmad Sher Khan
Lab Engineer
MS Advanced Chemical Engineering
Ph.D Environmental Engineering
(in Progress) UET Peshawar

CIVIL ENGINEERING LABORATORIES

Concrete Lab
Geotechnical/Soil Lab
Transportation Lab
Hydraulics and Fluid Mechanics Lab
Material Testing Lab
Surveying Lab
Engineering Mechanics Lab
Environmental Engineering Lab
Computer Lab
Drawing Hall



CURRICULUM OF CIVIL ENGINEERING

Semester-I

Course Code	Course Title	Credit Hours
ENG-101	English-I	3+0
MATH-106	Calculus and Analytical Geometry	3+0
CE-101	Engineering Mechanics	3+1
CE-102	Civil Engineering Materials	1+1
CE-103	Engineering Drawing	2+1
SS-102	Pakistan Studies	2+0
Total Credit Hours		17

Semester-II

Course Code	Course Title	Credit Hours
CE-104	Surveying-I	2+1
MATH-108	Linear Algebra and Differential Equations	3+0
CE-121	Engineering Geology and Seismology	2+0
SS-101	Islamic Studies	2+0
CE-105	Basic Electro-Mechanical Engineering	2+1
SS-107	Professional Ethics	3+0
Total Credit Hours		16

Semester-III

Course Code	Course Title	Credit Hours
CE-211	Mechanics of Solids-I	2+1
CE-206	Civil Engineering Drawing and Graphics	2+1
CE-207	Surveying-II	2+1
SS-205	Engineering Economics	2+0
CS-109	Computer Programming	2+1
CE-212	Concrete Technology	1+1
Total Credit Hours		16

Semester-IV

Course Code	Course Title	Credit Hours
CE-231	Fluid Mechanics-I	3+1
CE-222	Geotechnical Engineering-I	3+1
CE-213	Structural Analysis-I	3+0
MATH-202	Numerical Analysis	3+0
ENG-102	English-II	3+0
Total Credit Hours		17

Semester-V

Course Code	Course Title	Credit Hours
CE-351	Quantity and Cost Estimation	2+1
CE-332	Fluid Mechanics-II	3+1
MATH-211	Probability and Statistics	3+0
CE-352	Construction Engineering	2+0
CE-314	Reinforced Concrete Design-I	3+0
CE-315	Structural Analysis-II	3+0
Total Credit Hours		18

Semester-VI

Course Code	Course Title	Credit Hours
CE-335	Engineering Hydrology	2+1
CE-341	Environmental Engineering-I	2+0
CE-316	Reinforced Concrete Design-II	3+1
CE-317	Mechanics of Solids-II	2+1
CE-361	Transportation Engineering-I	3+0
ENG-203	English-III	3+0
Total Credit Hours		18

Semester-VII

Course Code	Course Title	Credit Hours
CE-423	Geotechnical Engineering-II	3+1
CE-408	Architecture and Town Planning	2+0
CE-442	Environmental Engineering-II	2+1
CE-462	Transportation Engineering-II	3+1
CE-433	Hydraulics Engineering	2+1
CE-498	Final Year Design Project-I	0+3
Total Credit Hours		19

Semester-VIII

Course Code	Course Title	Credit Hours
CE-434	Irrigation Engineering	2+0
CE-453	Construction Management	2+1
CE-418	Steel Structures	3+0
CE-409	Geo-Informatics	1+1
CE-401	Hazards and Disaster Management	2+0
CE-499	Final Year Design Project-II	0+3
Total Credit Hours		15

Total Credit Hours = 136

Fact File

Duration: Four Years

Eligibility: a. Minimum 60% marks in Intermediate with Physics, Chemistry and Mathematics or DAE in Civil Technology or relevant field. The applicants with minimum 60% marks in Intermediate with Physics, Mathematics and Computer Science are also eligible with Chemistry to be studied and passed as a remedial course in 1st semester after admission.
b. Minimum 33% marks in test conducted by ETEA or any other testing body approved by PEC.

PROGRAM EDUCATIONAL OBJECTIVE (PEOs) OF CIVIL ENGINEERING

- PEO 1: Demonstrating a blend of engineering and professional skills in Civil Engineering and allied disciplines.
- PEO 2: Performing ethically and socially in a sustainable and responsible manner, as an individual and team member.
- PEO 3: Striving to enhance learning, research, and managerial skills.

PROGRAM LEARNING OUTCOMES (PLOs) OF CIVIL ENGINEERING

- PEO 1: **Engineering Knowledge:** An ability to apply knowledge of mathematics, science and engineering fundamentals and an engineering specialization to the solution of complex engineering problems.
- PEO 2: **Problem Analysis:** An ability to identify, formulate, research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences and engineering sciences.
- PEO 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.
- PEO 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.
- PEO 5: **Modern Tool Usage:** An ability to create, select and apply appropriate techniques, resources, and modern engineering and IT tools, including prediction and modeling, to complex engineering activities, with an understanding of the limitations.
- PEO 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.
- PEO 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.
- PEO 8: **Ethics:** Apply ethical principles and commit to professional ethics and responsibilities and norms of engineering practice.
- PEO 9: **Individual and Team Work:** An ability to work effectively, as an individual or in a team, on multifaceted and/or multi disciplinary settings.
- PEO 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 documentations, make effective presentations, and give and receive clear instructions.
- PEO 11: **Project Management:** 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.
- PEO 12: **Lifelong Learning:** An ability to recognize importance of, and pursue lifelong learning in the broader context of innovation and technological developments.

CURRICULUM OF CIVIL ENGINEERING TECHNOLOGY

Semester-I

Course Code	Course Title	Credit Hours
MATH-106	Calculus & Analytical Geometry	3+0
CS-190	Introduction to Computer Fundamentals	1+2
ENG-103	Communication Skills	3+0
SS-101	Islamic Studies	2+0
CT-111	Concrete Technology	2+2
Total Credit Hours		15

Semester-II

Course Code	Course Title	Credit Hours
SS-102	Pakistan Studies	2+0
CT-251	Quantity Surveying and Contract Documents	1+2
CT-221	Soil Mechanics	2+1
CT-231	Fluid Mechanics	2+1
CT-212	Mechanics of Solids	2+2
CT-205	Introduction to Architecture and Town Planning	2+0
Total Credit Hours		17

Semester-III

Course Code	Course Title	Credit Hours
CT-332	Hydrology	2+1
CT-314	Reinforced Concrete Structures	2+1
CT-352	Construction and Hydraulic Machinery	3+0
CT-307	Computer Aided Building Modeling and Design	1+2
CT-322	Foundation Engineering	2+1
SS-205	Engineering Economics	2+0
Total Credit Hours		17

Semester-IV

Course Code	Course Title	Credit Hours
CT-400	Supervised Industrial/Field Training	0+16
Total Credit Hours		16

Semester-II

Course Code	Course Title	Credit Hours
CT-101	Civil Engineering Drawing	1+2
CT-102	Surveying	2+2
CT-103	Applied Mechanics	2+2
CT-104	Materials and Methods of Construction	2+2
MATH-108	Linear Algebra and Differential Equations	3+0
Total Credit Hours		18

Semester-IV

Course Code	Course Title	Credit Hours
CT-261	Transportation Engineering	2+2
CT-241	Water Supply and Waste Water Management	2+1
CT-242	Environmental Management	2+1
CT-213	Theory of Structures	3+0
CM-206	Occupational Health and Safety Management	2+0
ENG-202	Technical Report Writing	3+0
Total Credit Hours		18

Semester-VI

Course Code	Course Title	Credit Hours
CT-315	Pre-Stressed and Pre-Cast Concrete	3+0
CT-323	Geology & Earthquake Engineering	3+0
CT-333	Irrigation & Hydraulic Structures	2+1
CT-316	Steel Structures	2+0
MGT-333	Project Management	3+0
CT-499	Project	0+3
Total Credit Hours		17
CT-499	Project (Continued- 6th Semester Summer)	0+3

Semester-VIII

Course Code	Course Title	Credit Hours
CT-400	Supervised Industrial/Field Training	0+16
Total Credit Hours		16

Total Credit Hours = 137

Fact File

Duration: Four Years

Eligibility: Minimum 50% marks in DAE Civil or relevant field or Minimum 50% marks in F.Sc Pre-Engineering

PROGRAM EDUCATIONAL OBJECTIVE (PEOs) OF CIVIL ENGINEERING TECH

- PEO 1: Graduate demonstrating a blend of engineering technology and professional skills in Civil Technology and allied disciplines.
- PEO 2: Graduate performing ethically and socially in a sustainable and responsible manner, as an individual and team member.
- PEO 3: Graduate striving to enhance learning and practicing skills.

PROGRAM LEARNING OUTCOMES (PLOs) OF CIVIL ENGINEERING TECH

- PEO 1: Engineering Technology Knowledge (SA1): An ability to apply knowledge of mathematics, natural science, Engineering Technology fundamentals, and Engineering Technology specialization to defined and applied Engineering Technology procedures, processes, systems or methodologies.
- PEO 2: Problem Analysis (SA2): An ability to Identify, formulate, research literature and analyze broadly-defined Engineering Technology problems reaching substantiated conclusions using analytical tools appropriate to the discipline or area of specialization.
- PEO 3: Design/Development of Solutions (SA3): An ability to design solutions for broadly- defined Engineering Technology problems and contribute to the design of systems, components or processes to meet specified needs with appropriate consideration for public health and safety, cultural, societal, and environmental considerations.
- PEO 4: Investigation (SA4): An ability to conduct investigations of broadly-defined problems; locate, search and select relevant data from codes, databases and literature, design and conduct experiments to provide valid conclusions.
- PEO 5: Modern Tool Usage (SA5): An ability to Select and apply appropriate techniques, resources, and modern technology and IT tools, including prediction and modelling, to broadly-defined Engineering Technology problems, with an understanding of the limitations.
- PEO 6: The Engineering Technologist and Society (SA6): An ability to demonstrate understanding of the societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to Engineering Technology practice and solutions to broadly defined Engineering Technology problems.
- PEO 7: Environment and Sustainability (SA7): An ability to understand and evaluate the sustainability and impact of Engineering Technology work in the solution of broadly defined Engineering Technology problems in societal and environmental contexts.
- PEO 8: Ethics (SA8): Understand and commit to professional ethics and responsibilities and norms of Engineering Technology practice.
- PEO 9: Individual and Team Work (SA9): An ability to Function effectively as an individual, and as a member or leader in diverse teams.
- PEO 10: Communication (SA10): An ability to communicate effectively on broadly defined Engineering Technology activities with the Engineering Technologist community and with society at large by being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
- PEO 11: Project Management (SA11): An ability to demonstrate knowledge and understanding of Engineering Technology management principles and apply these to one's own work, as a member or leader in a team, and to manage projects in multidisciplinary environments.
- PEO 12: Lifelong Learning (SA12): An ability to recognize the need for, and have the ability to engage in independent and life-long learning in specialist Engineering Technologies.

ELECTRICAL ENGINEERING

B.Sc Electrical Engineering

B.Sc Electrical Engineering Technology



MISSION STATEMENT

To serve the engineering profession by offering high quality education to create professionals that contribute towards society by providing innovative solutions with a focus on research in Electrical Engineering and allied disciplines.

MESSAGE FROM THE HEAD OF DEPARTMENT

Join the leading private sector university in the region and be a part of the exceptional educational experience offered by the Department of Electrical Engineering at CECOS. Our well-qualified faculty is dedicated to preparing young engineers and technologists for success, with a curriculum that emphasizes hands-on learning in state-of-the-art labs. We equip our students with essential skills like effective communication and problem-solving and offer opportunities for internships and industrial tours. Join us now and enjoy a rewarding journey toward your professional goals.

Dr. Azhar Qazi

Ph.D Electrical Engineering, CECOS University, Peshawar, Pakistan

FACULTY OF ELECTRICAL ENGINEERING

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Head of Department / Associate Professor
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Ph.D (In Progress)
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NUST, Islamabad

Engr. Usman Khan Khalil
Lab Engineer
MS Electrical Engineering
Sarhad University, Peshawar

Engr. Abdul Subhan
Lab Engineer
B.Sc Electrical Engineering
CECOS University, Peshawar

ELECTRICAL ENGINEERING LABORATORIES

Circuit Lab
Communication Lab
Electrical Machines & Control Lab
Electronics Lab
Embedded Systems Lab
Power System Lab
Signal Processing Lab
Computer Lab



CURRICULUM OF ELECTRICAL ENGINEERING

Semester-I

Course Code	Course Title	Credit Hours
ENG-101	English-I	3+0
SS-101	Islamic Studies	2+0
MATH-106	Calculus and Analytical Geometry	3+0
ME-101	Engineering Mechanics and Thermodynamics	3+0
CS-191	Introduction to ICT	3+0
NS-101	Applied Physics	3+0
Total Credit Hours		17

Semester-II

Course Code	Course Title	Credit Hours
SS-205	Engineering Economics	2+0
MATH-108	Linear Algebra and Different Equations	3+0
EE-101	Linear circuit Analysis	3+1
EE-102	Engineering Drawing	0+1
CS-109	Computer Programming	2+1
SS-102	Pakistan Studies	2+0
ME-102	Workshop Practice	0+1
Total Credit Hours		16

Semester-III

Course Code	Course Title	Credit Hours
MATH-201	Complex Variables and Transforms	3+0
EE-203	Electrical Network Analysis	3+1
EE-221	Digital Logic Design	3+1
Eng-102	English-II	3+0
EE-222	Electronic Devices and Circuits	3+1
Total Credit Hours		18

Semester-IV

Course Code	Course Title	Credit Hours
MGT-331	Organizational Behavior	3+0
EE-231	Electrical Machines	3+1
MATH-202	Numerical Analysis	3+0
EE-223	Electronic Circuit Design	3+1
EE-232	Instrumentation and Measurement	3+1
Total Credit Hours		18

Semester-V

Course Code	Course Title	Credit Hours
EE-333	Power Systems Analysis and Protection	3+1
MATH-211	Probability and Statistics	3+0
EE-304	Electromagnetic Field Theory	3+0
EE-305	Embedded Systems	3+1
EE-311	Signals and Systems	3+1
Total Credit Hours		18

Semester-VI

Course Code	Course Title	Credit Hours
ENG-203	English-III	3+0
EE-312	Digital Signal Processing	3+1
EE-313	Communication Systems	3+1
EE-334	Power Electronics	3+1
EE-306	Linear Control Systems	3+1
Total Credit Hours		19

Semester-VII

Course Code	Course Title	Credit Hours
EE-414	Computer Communication Networks	3+1
EE-415	Wave Propagation and Antennas	3+1
EE-435	Power Generation, Transmission and distribution	3+1
EE-498	Final Year Design Project-I	0+3
Total Credit Hours		15

Semester-VIII

Course Code	Course Title	Credit Hours
MGT-431	Entrepreneurship	3+0
EE-416	Wireless and Mobile Communication	3+1
EE-417	RF and Microwave Engineering	3+1
EE-499	Final Year Design Project-II	0+3
Total Credit Hours		14

Total Credit Hours = 135

Fact File **Duration:** Four Years
Eligibility: a. Minimum 60% marks in Intermediate with Physics, Chemistry and Mathematics or DAE in Electrical Technology or relevant field. The applicants with minimum 60% marks in Intermediate with Physics, Mathematics and Computer Science are also eligible with Chemistry to be studied and passed as a remedial course in 1st semester after admission.
 b. Minimum 33% marks in test conducted by ETEA or any other testing body approved by PEC.

PROGRAM EDUCATIONAL OBJECTIVE (PEOs) OF ELECTRICAL ENGINEERING

- PEO 1: Graduate demonstrating a blend of engineering technology and professional skills in Civil Technology and allied disciplines.
- PEO 2: Graduate performing ethically and socially in a sustainable and responsible manner, as an individual and team member.
- PEO 3: Graduate striving to enhance learning and practicing skills.

PROGRAM LEARNING OUTCOMES (PLOs) OF ELECTRICAL ENGINEERING

- PEO 1: Engineering Knowledge: An ability to apply knowledge of mathematics, science and engineering fundamentals and an engineering specialization to the solution of complex engineering problems.
- PEO 2: Problem Analysis: An ability to identify, formulate, research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences and engineering sciences.
- PEO 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.
- PEO 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.
- PEO 5: Modern Tool Usage: An ability to create, select and apply appropriate techniques, resources, and modern engineering and IT tools, including prediction and modeling, to complex engineering activities, with an understanding of the limitations.
- PEO 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.
- PEO 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.
- PEO 8: Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of engineering practice.
- PEO 9: Individual and Team Work: An ability to work effectively, as an individual or in a team, on multifaceted and/or multi disciplinary settings.
- PEO 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.
- PEO 11: Project Management: 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.
- PEO 12: Lifelong Learning: An ability to recognize importance of, and pursue lifelong learning in the broader context of innovation and technological developments.

CURRICULUM OF ELECTRICAL ENGINEERING TECHNOLOGY

Semester-I

Course Code	Course Title	Credit Hours
MATH-106	Calculus and Analytic Geometry	3+0
NS-100	Introduction to Physics	2+1
ET-101	Linear Circuits Analysis	2+1
SS-101	Islamic Studies	2+0
CS-190	Introduction to Computer Fundamentals	1+2
ET-102	Engineering Drawing	1+2
Total Credit Hours		17

Semester-II

Course Code	Course Title	Credit Hours
MATH-108	Linear Algebra and Differential Equations	3+0
ET-120	Electronics	2+2
MT-101	Basic Mechanical Technology	2+1
ET-130	Power Generation Systems	2+0
ET-131	Electrical Machines-I	2+1
Total Credit Hours		15

Semester-III

Course Code	Course Title	Credit Hours
SS-102	Pakistan Studies	2+0
ENG-103	Communication Skills	3+0
ET-222	Electrical Instruments and Measurements	2+2
ET-232	Electrical Machines-II	2+2
ET-221	Digital Electronics	2+2
Total Credit Hours		17

Semester-IV

Course Code	Course Title	Credit Hours
ET-230	AC Circuit Analysis	2+2
ET-201	Electro-Magnetic Fields	2+0
ET-234	Electrical Power Transmission	2+1
ET-233	Electrical Power Distribution and Utilization	2+1
ET-223	Power Electronics	2+1
ENG-202	Technical Report Writing	3+0
Total Credit Hours		18

Semester-V

Course Code	Course Title	Credit Hours
ET-301	Microprocessor Theory and Interfacing	2+1
ET-330	Switch Gear and Protective Devices	2+1
ET-310	Communications Technology	2+2
ET-302	Control Technology	2+1
MGT-335	Total Quality Management	2+0
ET-334	High Voltage Technology	2+1
Total Credit Hours		18

Semester-VI

Course Code	Course Title	Credit Hours
ET-331	Power System Analysis	2+0
ET-311	Data and Computer Communication	2+2
ET-333	Industrial Drives and PLC	2+2
MGT-333	Project Management	3+0
ET-498	Project-I	0+3
Total Credit Hours		16

Semester-VII

Course Code	Course Title	Credit Hours
ET-499	Project-II	0+3
ET-400	Supervised Industrial/Field Training	0+16
Total Credit Hours		19

Semester-VIII

Course Code	Course Title	Credit Hours
ET-400	Supervised Industrial/Field Training	0+16
Total Credit Hours		16

Total Credit Hours = 136

Fact File

Duration: Four Years

Eligibility: Minimum 50% marks in DAE Electrical or relevant field or Minimum 50% marks in F.Sc Pre-Engineering

PROGRAM EDUCATIONAL OBJECTIVE (PEOs) OF ELECTRICAL ENGINEERING TECH

- PEO 1: Graduate demonstrating a blend of engineering technology and professional skills in Electrical Technology and allied disciplines.
- PEO 2: Graduate performing ethically and socially in responsible manner, as an individual and team member.
- PEO 3: Graduate striving to enhance learning and managerial skills.

PROGRAM LEARNING OUTCOMES (PLOs) OF ELECTRICAL ENGINEERING TECH

- PLO 1: Technology Knowledge: An ability to apply knowledge of mathematics, natural science, technology fundamentals and technology specialization to defined and applied technology procedures, processes, systems or methodologies.
- PLO 2: Problem Analysis: An ability to Identify, formulate, research literature and analyze broadly-defined technology problems reaching substantiated conclusions using analytical tools appropriate to the discipline or area of specialization.
- PLO 3: Design/Development of Solutions: An ability to design solutions for broadly- defined technology problems and contribute to the design of systems, components or processes to meet specified needs with appropriate consideration for public health and safety, cultural, societal, and environmental considerations.
- PLO 4: Investigation: An ability to conduct investigations of broadly-defined problems; locate, search and select relevant data from codes, data bases and literature, design and conduct experiments to provide valid conclusions.
- PLO 5: Modern Tool Usage: An ability to create, select and apply appropriate techniques, resources, and modern technology and IT tools, including prediction and modeling, to broadly-defined technology problems, with an understanding of the limitations.
- PLO 6: The Technologist and Society: An ability to demonstrate understanding of the societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to technology practice and solutions to broadly defined technology problems.
- PLO 7: Environment and Sustainability: An ability to understand and evaluate the sustainability and impact of technology work in the solution of broadly defined technology problems in societal and environmental contexts.
- PLO 8: Ethics: Understand and commit to professional ethics and responsibilities and norms of technology practice.
- PLO 9: Individual and Team Work: An ability to function effectively as an individual, and as a member or leader in diverse teams.
- PLO 10: Communication: An ability to communicate effectively on broadly defined technology activities with the technologist community and with society at large, by being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
- PLO 11: Project Management: An ability to demonstrate knowledge and understanding of technology management principles and apply these to one's own work, as a member or leader in a team and to manage projects in multidisciplinary environments.
- PLO 12: Lifelong Learning: An ability to recognize the need for, and have the ability to engage in independent and lifelong learning in specialist technologies.

MECHANICAL ENGINEERING

B.Sc Mechanical Engineering

B.Sc Mechanical Engineering Technology



MISSION STATEMENT

To serve the engineering profession by offering high quality education to create professionals that contribute towards society by providing innovative solutions with a focus on research in Mechanical Engineering and allied disciplines.

CECOS
UNIVERSITY

MESSAGE FROM THE HEAD OF DEPARTMENT

At CECOS University, our Department of Mechanical Engineering aims to prepare future leaders with a broad vision, professional ethics, and sound knowledge of mechanical engineering. Our curriculum emphasizes innovation and problem solving skills, with a focus on addressing the challenges of energy, environment, and rapid urbanization. We offer opportunities to join international student societies and strive to create a productive and fulfilling learning environment. Join us to explore the amazing world of mechanical engineering and shape your future with confidence.

Prof. Dr. Muhammad Iqbal

Ph.D in Generalized/Finite Elements
Heriot-Watt University, Edinburgh, UK

FACULTY OF MECHANICAL ENGINEERING

Dr. Naseer Ahmed

Professor / Vice Chancellor
Ph.D Mechanical Engineering
Loughborough University, UK

Dr. Muhammad Iqbal

Professor / Head of Department
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Assistant Professor
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Engr. Umair Ali

Lecturer
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Engr. Hashim Khan

Lab. Engineer
B.Sc Mechanical Engineering
CECOS University, Peshawar

Sikander Afridi

Lab. Supervisor / Safety Officer
B.Sc Mechanical Engineering Technology
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* on Leave

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Professor / Dean
Post Doctorate Mechanical Engineering
University of Michigan, USA

Dr. Saim Safer *

Professor
Ph.D Mechanical Engineering
University of Twente, Netherlands

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Amir Siddique

Lab Supervisor
Ms. Mechanical Technology

Gul Nawab

Lab Supervisor
DAE Mechanical

MECHANICAL ENGINEERING LABORATORIES



Engineering Mechanics Lab
Applied Chemistry Lab
Instrumentation & Control Lab
Machine Shop
Material Testing Lab
Thermo Fluid Lab
Wood & Electric Shop
Computer Lab
Drawing Hall

CURRICULUM OF MECHANICAL ENGINEERING

Semester-I

Course Code	Course Title	Credit Hours
CS-109	Computer Programming	2+1
ENG-10	English-I	3+0
MATH-106	Calculus and Analytical Geometry	3+0
ME-111	Engineering Drawing and Graphics	1+1
ME-112	Introduction to Engineering	1+0
NS-101	Applied Physics	3+0
NS-111	Applied Chemistry	2+0
Total Credit Hours		17

Semester-II

Course Code	Course Title	Credit Hours
EE-106	Basic Electrical Engineering	2+1
ENG-102	English-II	3+0
MATH-108	Linear Algebra and Differential Equations	3+0
ME-113	Workshop Practice	0+2
ME-114	Computer Aided Drawing	0+1
ME-115	Engineering Mechanics-I: Statics	3+0
ME-121	Thermodynamics-I	3+0
Total Credit Hours		18

Semester-III

Course Code	Course Title	Credit Hours
MATH-201	Complex Variables and Transforms	3+0
ME-211	Engineering Mechanics-II: Dynamics	3+0
ME-213	Engineering Mechanics Lab	0+1
ME-212	Mechanics of Materials-I	3+0
ME-221	Thermodynamics-II	3+0
ME-222	Thermodynamics Lab	0+1
SS-101	Islamic Studies	2+0
SS-102	Pakistan Studies	2+0
Total Credit Hours		18

Semester-IV

Course Code	Course Title	Credit Hours
EE-201	Fundamentals of Electronics	2+1
MATH-202	Numerical Analysis	3+0
ME-214	Machine Design-I	3+0
ME-215	Mechanics of Materials-II	3+0
ME-216	Mechanics of Materials Lab	0+1
ME-223	Fluid Mechanics-I	3+0
SS-205	Engineering Economics	2+0
Total Credit Hours		18

Semester-V

Course Code	Course Title	Credit Hours
ME-311	Machine Design-II	2+0
ME-312	Instrumentation and Measurement	2+1
ME-313	Manufacturing Processes	3+1
ME-321	Fluid Mechanics-II	3+0
ME-322	Heat and Mass Transfer	3+0
ME-323	Fluid Mechanics Lab	0+1
Total Credit Hours		16

Semester-VI

Course Code	Course Title	Credit Hours
ENG-203	English-III	3+0
MATH-211	Probability and Statistics	3+0
ME-314	Engineering Materials	3+0
ME-315	Mechanics of Machines	3+0
ME-324	Heating, Ventilating and Air Conditioning	3+0
ME-325	Heat Transfer and HVAC Lab	0+1
ME-3XY	Technical Elective-I	2+0
Total Credit Hours		18

Semester-VII

Course Code	Course Title	Credit Hours
ME-401	Health, Safety and Environment	1+0
ME-411	Mechanical Vibrations	3+0
ME-412	Mechanisms and Mechanical Vibrations Lab	0+1
ME-413	Introduction to Finite Element Analysis	2+1
ME-421	Internal Combustion Engines	3+0
ME-498	Final Year Design Project-I	0+3
ME-4XY	Technical Elective-II	2+0
Total Credit Hours		16

Semester-VIII

Course Code	Course Title	Credit Hours
ME-402	Project Management and Entrepreneurship	3+0
ME-414	Control Engineering	3+1
ME-422	Power Plants	3+0
ME-423	IC Engines and Power Plants Lab	0+1
ME-499	Final Year Design Project-II	0+3
ME-4XY	Technical Elective-III	2+0
Total Credit Hours		16

Total Credit Hours = 137

Fact File

Duration: Four Years

Eligibility: a. Minimum 60% marks in Intermediate with Physics, Chemistry and Mathematics or DAE in Mechanical Technology or relevant field. The applicants with minimum 60% marks in Intermediate with Physics, Mathematics and Computer Science are also eligible with Chemistry to be studied and passed as a remedial course in 1st semester after admission.

b. Minimum 33% marks in test conducted by ETEA or any other testing body approved by PEC.

PROGRAM EDUCATIONAL OBJECTIVE (PEOs) OF MECHANICAL ENGINEERING

PEO 1: Demonstrate a blend of engineering and professional skills.

PEO 2: Perform ethically and in a socially responsible manner.

PEO 3: Strive to enhance learning and managerial skills.

PROGRAM LEARNING OUTCOMES (PLOs) OF MECHANICAL ENGINEERING

PLO 1: Engineering Knowledge: An ability to apply knowledge of mathematics, science and engineering fundamentals and an engineering specialization to the solution of complex engineering problems.

PLO 2: Problem Analysis: An ability to identify, formulate, research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences and engineering sciences.

PLO 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.

PLO 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.

PLO 5: Modern Tool Usage: An ability to create, select and apply appropriate techniques, resources, and modern engineering and IT tools, including prediction and modeling, to complex engineering activities, with an understanding of the limitations.

PLO 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.

PLO 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.

PLO 8: Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of engineering practice.

PLO 9: Individual and Team Work: An ability to work effectively, as an individual or in a team, on multifaceted and/or multi-disciplinary settings.

PLO 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.

PLO 11: Project Management: 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.

PLO 12: Lifelong Learning: An ability to recognize the importance of, and pursue lifelong learning in the broader context of innovation and technological developments.

CURRICULUM OF MECHANICAL ENGINEERING TECHNOLOGY

Semester- I

Course Code	Course Title	Credit Hours
CS-190	Introduction to Computer Fundamentals	1+2
MATH-106	Calculus and Analytical Geometry	3+0
MT-111	Workshop Technology	0+2
NS-100	Introduction to Physics	2+1
NS-110	Introduction to Chemistry	2+1
SS-101	Islamic Studies	2+0
Total Credit Hours		16

Semester- II

Course Code	Course Title	Credit Hours
MATH-108	Linear Algebra and Differential Equations	3+0
MT-102	Basic Electrical and Electronics	2+2
MT-112	Technical Drawing and CAD-1	2+2
MT-121	Applied Thermodynamics- I	2+2
SS-102	Pakistan Studies	2+0
Total Credit Hours		17

Semester- III

Course Code	Course Title	Credit Hours
ENG-103	Communication Skills	3+0
MT-211	CAD - II	0+3
MT-212	Industrial Materials	2+1
MT-213	Mechanics of Materials	2+1
MT-221	Applied Thermodynamics - II	2+1
Total Credit Hours		15

Semester- IV

Course Code	Course Title	Credit Hours
ENG-202	Technical Report Writing	3+0
MATH-211	Probability and Statistics	3+0
MGT-335	Total Quality Management	2+0
MT-214	Machine Design	3+0
MT-215	Engineering Statics	2+1
MT-222	Fluid Mechanics	2+2
Total Credit Hours		18

Semester- V

Course Code	Course Title	Credit Hours
MGT-333	Project Management	3+0
MT-311	Dynamics	2+1
MT-312	Manufacturing Processes	2+1
MT-321	Heat Transfer	2+1
MT-322	IC Engines	2+2
SS-205	Engineering Economics	2+0
Total Credit Hours		16

Semester- VI

Course Code	Course Title	Credit Hours
MT-302	Material Handling and Safety	3+1
MT-313	Instrumentation and Control	2+1
MT-314	Mechanical Vibration	2+1
MT-323	Refrigeration and Air Conditioning	2+1
MT-498	Project-I	0+3
Total Credit Hours		16

Semester- VII

Course Code	Course Title	Credit Hours
MT-400	Supervised Industrial/Field Training	0+16
MT-499	Project-II	
Total Credit Hours		16

Semester- VIII

Course Code	Course Title	Credit Hours
MT-400	Supervised Industrial/Field Training	0+16
Total Credit Hours		16

Total Credit Hours = 137

Fact File

Duration: Four Years

Eligibility: Minimum 50% marks in DAE Mechanical or relevant field or Minimum 50% marks in F.Sc Pre-Engineering

PROGRAM EDUCATIONAL OBJECTIVE (PEOs) OF MECHANICAL ENGINEERING TECH

- PEO 1: Graduates will demonstrate knowledge of Mechanical Engineering Technology appropriate for career pursuits and workplace needs.
- PEO 2: Graduates will have the ability to understand, diagnose, communicate and provide solutions to technical problems/situations for the benefit of the society
- PEO 3: Graduates will demonstrate the intellectual curiosity to actively pursue the acquisition of new knowledge and skills necessary to refine and improve his/her abilities to contribute to the Technology domain
- PEO 4: Graduates will show Ethical commitment that allows them to deal successfully with social, technical and professional situations in their lives and work.

PROGRAM LEARNING OUTCOMES (PLOs) OF MECHANICAL ENGINEERING TECH

- PLO 1: Technology Knowledge: An ability to apply knowledge of mathematics, natural science, technology fundamentals and technology specialization to defined and applied technology procedures, processes, system/sensor methodologies.
- PLO 2: Problem Analysis: An ability to Identify, formulate, research literature and analyze broadly-defined technology problems reaching substantiated conclusions using analytical tools appropriate to the discipline or area of specialization.
- PLO 3: Design/Development of Solutions: An ability to design solutions for broadly- defined technology problems and contribute to the design of systems, components or processes to meet specified needs with appropriate consideration for public health and safety, cultural, societal, and environmental considerations.
- PLO 4: Investigation: An ability to conduct investigations of broadly-defined problems; locate, search and select relevant data from codes, data bases and literature, design and conduct experiments to provide valid conclusions.
- PLO 5: Modern Tool Usage: An ability to create, select and apply appropriate techniques, resources, and modern technology and IT tools, including prediction and modeling, to broadly-defined technology problems, with an understanding of the limitations.
- PLO 6: The Technologist and Society: An ability to demonstrate understanding of the societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to technology practice and solutions to broadly defined technology problems.
- PLO 7: Environment and Sustainability: An ability to understand and evaluate the sustainability and impact of technology work in the solution of broadly defined technology problems in societal and environmental contexts.
- PLO 8: Ethics: Understand and commit to professional ethics and responsibilities and norms of technology practice
- PLO 9: Individual and Team Work: An ability to function effectively as an individual, and as a member or leader in diverse teams.
- PLO 10: Communication: An ability to communicate effectively on broadly defined technology activities with the technologist community and with society at large, by being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
- PLO 11: Project Management: An ability to demonstrate knowledge and understanding of technology management principles and apply these to one's own work, as a member or leader in a team and to manage projects in multidisciplinary environments.
- PLO 12: Lifelong Learning: An ability to recognize the need for, and have the ability to engage in independent and lifelong learning in specialist technologies.

ARCHITECTURE

Bachelors in Architecture

“ MISSION STATEMENT

The Department's mission is to meet the demands of the diversified & complex society by promoting a well-balanced and comprehensive architectural education system. The department encourages critical thinking to foster pursuit of knowledge and technological skills that would result in the development of original ideas for achieving sustainability in the built environment.

MESSAGE FROM THE HEAD OF DEPARTMENT

The Department of Architecture, CECOS University is one of the leading architecture schools in the country. We pride ourselves on our commitment to excellence in education and our dedication to preparing our students for successful careers in the field. Our five-years Bachelor of Architecture degree program is designed to equip the students' with the knowledge, skill-set, and creative vision needed to succeed as an architect in today's world. Our faculty members are highly qualified and are committed to providing you with the best possible education. In our program, you'll learn everything from the fundamentals of design and construction to advanced techniques that are shaping the field of architecture. During the course of studies, you'll be challenged to think creatively, to problem-solve, and to develop your own unique vision of architecture. We look forward to helping you achieve your goals and to seeing the amazing work you will create.

Ar. Adnan Ahmad Khan
M. Sc Const & PM, Queen's University, Belfast, UK

FACULTY OF ARCHITECTURE

Adnan Ahmad Khan
Head of Department
Associate Professor
MSc, Queen's University Belfast, UK

Marwat Khan
Associate Professor
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UET Lahore, Pakistan

Inayat Ullah
Assistant Professor
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Farhat Chishti
Assistant Professor
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Majid Khan
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Naeem Ullah
Assistant Professor
Master
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Assistant Professor
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BAU Istanbul, Turkey

Salim Ullah
Assistant Professor
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UET- Abbottabad

Awais Saeed Agha
Lecturer
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Lecturer
Master of Fine Arts
University of Peshawar

Sana Arshad
Lecturer
Master of Fine Arts
University of Peshawar

Imran Khalil
Visiting Faculty
M. Arch
UET- Peshawar

Ashfaq Ahmad
Visiting Faculty
M. Arch
UET, Lahore

Muhammad Naeem Khan
Visiting Faculty
B. Arch
NCA, Lahore

Ihsan Subhani
Visiting Faculty
B-Arch; B-Design
NCA Lahore

Sehrish Ghani
Visiting Faculty
M. Arch
CECOS University, Pakistan



CURRICULUM OF ARCHITECTURE

Semester - I

Course Code	Course Title	Credit Hours
AR-111	History of Architecture-I	2+0
AR-115	Introduction to Architecture-I	2+0
AR-121	Basic Design-I	6+0
AR-134	Visual Communication-I	2+0
ENG-105	English-I (Functional English)	2+0
SS-101	Islamic Studies	2+0
SS-102	Pakistan Studies	2+0
Total Credit Hours		18

Semester - III

Course Code	Course Title	Credit Hours
AR-213	History of Architecture-III	2+0
AR-223	Architectural Design-I	8+0
AR-236	Visual Communication-III	2+0
AR-242	Materials and Construction-II	2+0
AR-252	Energy and Environment-II	2+0
AR-271	Structures for Architects-I	2+0
Total Credit Hours		18

Semester - V

Course Code	Course Title	Credit Hours
AR-317	Theory of Architecture-I	2+0
AR-325	Architectural Design-III	8+0
AR-332	Digital Tools for Architects-II	2+0
AR-344	Materials and Construction-IV	2+0
AR-353	Sustainable Design	2+0
AR-373	Building Services and Systems-I	2+0
Total Credit Hours		18

Semester - VII

Course Code	Course Title	Credit Hours
AR-427	Architectural Design-V	8+0
AR-437	Interior Design	3+0
AR-445	Heritage and Conservation	2+0
AR-454	Design for Disaster Risk	2+0
AR-461	Urban Design-I	3+0
Total Credit Hours		18

Semester - IX

Course Code	Course Title	Credit Hours
AR-529	Thesis Design-I	10+0
AR-582	Marketing and Entrepreneurship for Architects	2+0
ENG-501	English - III (Technical Writing)	2+0
Total Credit Hours		14

Semester - II

Course Code	Course Title	Credit Hours
AR-112	History of Architecture-II	2+0
AR-116	Introduction to Architecture-II	2+0
AR-122	Basic Design-II	6+0
AR-135	Visual Communication-II	2+0
AR-141	Materials and Construction-I	2+0
AR-151	Energy and Environment-I	2+0
ENG-106	English-II (Communication Skills)	2+0
Total Credit Hours		18

Semester - IV

Course Code	Course Title	Credit Hours
AR-214	History of Architecture-IV	2+0
AR-224	Architectural Design-II	8+0
AR-231	Digital Tools for Architects-I	2+0
AR-243	Materials and Construction-III	2+0
AR-272	Structures for Architects-II	2+0
AR-275	Surveying and Levelling	2+0
Total Credit Hours		18

Semester - VI

Course Code	Course Title	Credit Hours
AR-310	Architecture in Pakistan	2+0
AR-318	Theory of Architecture-II	2+0
AR-319	Vernacular Architecture	2+0
AR-326	Architectural Design-IV	8+0
AR-333	Advanced Computer Applications for Architects	2+0
AR-374	Building Services and Systems-II	2+0
Total Credit Hours		18

Semester - VIII

Course Code	Course Title	Credit Hours
AR-428	Architectural Design-VI	10+0
AR-462	Urban Design-II	2+0
AR-463	Landscape Architecture	2+0
AR-476	Specification and Quantity Surveying	2+0
AR-481	Architectural Research Methods	2+0
Total Credit Hours		18

Semester - X

Course Code	Course Title	Credit Hours
AR-520	Thesis Design-II	12+0
AR-583	Professional Practice	2+0
Total Credit Hours		14

Total Credit Hours = 172

Fact File **Duration:** Five Years
Eligibility: a. Minimum 50% marks in Intermediate with mathematics.
 b. Passing aptitude and drawing test of CECOS.





FACULTY OF COMPUTING & MANAGEMENT SCIENCES

Management Sciences

Computer Science

Basic Sciences & Humanities



MESSAGE FROM THE DEAN

Welcome to the Faculty of Computing and Management Sciences at CECOS University, where we have a rich history of growth and success. Our exceptional faculty, dedicated students, and supportive university leadership are the foundation of our achievements. We strive to be a global leader in excellence and innovation, offering interdisciplinary programs that train the next generation of technologists and leaders to tackle real-world challenges with moral depth and intellectual rigor. Join us on this exciting educational journey to prepare for a rewarding career that serves society with honor and dignity.

Prof. Dr. Abid Ahmad

Ph.D Management Sciences, Islamia College University, Peshawar

MANAGEMENT SCIENCES

Bachelor of Business Administration

Bachelor of Studies in Accounting & Finance



MISSION STATEMENT

To develop effective and socially responsible business professionals equipped with insightful knowledge, durable skills, and business acumen.



MESSAGE FROM THE HEAD OF DEPARTMENT

The fourth industrial revolution is rapidly changing the way we live, work, and relate to each other. The Department of Management Sciences at CECOS University is dedicated to preparing students to become leaders in this dynamic business environment. With a range of degree programs, a distinguished faculty and a commitment to practical learning, we offer a holistic university experience that cultivates the inner talent of every individual. Join us and strive for originality and excellence in your pursuits.

Dr. Cedric Aimal Edwin

Ph.D Business Administration, University of Liverpool, UK

FACULTY OF MANAGEMENT SCIENCES

Prof. Dr. Abid Ahmad
Professor/ Dean
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Islamia College University, Peshawar

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Near East University, Turkey

Mr. Muhammad Shahkar
Lecturer
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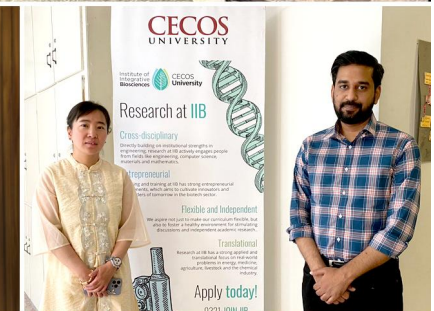
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Ph.D (In Progress)
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Molana Faiz ur Rehman
Lecturer
MA (Islamiyat)
MA (Arabic)
University of Peshawar

Mr. Syed Jawad Ali Shah
Lecturer
M.Phil (Philosophy)
University of Peshawar

DEPARTMENT OF MANAGEMENT SCIENCES TRAININGS, SESSIONS & EVENTS



CURRICULUM OF ACCOUNTING & FINANCE

Semester-I

Course Code	Course Title	Credit Hours
ENG-101	English-I	3
MGT-111	Fundamentals of Accounting	3
MGT-151	Introduction to Business	3
MGT-131	Principles of Management	3
SS-101	Islamic Studies	2
MGT-121	Fundamentals of Marketing	3
Total Credit Hours		17

Semester-III

Course Code	Course Title	Credit Hours
MGT-201	Business Mathematics	3
MGT-203	Macro-Economics	3
MGT-211	Cost Accounting	3
ENG-203	English-III	3
MGT-261	Auditing	3
SS-109	Introduction to Sociology	3
Total Credit Hours		18

Semester-V

Course Code	Course Title	Credit Hours
MGT-341	Statistical Inference	3
MGT-361	Financial Institutions and Markets	3
MGT-311	Financial Management	3
SS-110	Foreign Language	3
MGT-331	Organizational Behavior	3
Total Credit Hours		15

Semester-VII

Course Code	Course Title	Credit Hours
MGT-441	Business Research Methods	3
MGT-461	Introduction to Econometrics	3
MGT-462	Computer Application in Finance	3
	Accounting/Finance Elective-I	3
	Accounting/Finance Elective-II	3
Total Credit Hours		15

Total Credit Hours = 133

Fact File

Duration: Four Years
Eligibility: Minimum 45% marks in intermediate or equivalent.

Semester-II

Course Code	Course Title	Credit Hours
MGT-101	Micro-Economics	3
ENG-102	English-II	3
MGT-112	Financial Accounting	3
MGT-102	IT in Business	3
MGT-161	Accounting Information System	3
SS-106	Logic and Critical Thinking	3
Total Credit Hours		18

Semester-IV

Course Code	Course Title	Credit Hours
MGT-262	Taxation	3
MGT-241	Business Statistics	3
ENG-204	English-IV	3
MGT-212	Introduction to Business Finance	3
MATH-104	Calculus	3
SS-102	Pakistan Studies	2
Total Credit Hours		17

Semester-VI

Course Code	Course Title	Credit Hours
MGT-302	Business Law	3
SS-108	Introduction to Psychology	3
MGT-303	Corporate Social Responsibility	3
MGT-333	Project Management	3
MGT-334	Supply Chain Management	3
MGT-362	Central, Commercial and Corporate Banking	3
Total Credit Hours		18

Semester-VIII

Course Code	Course Title	Credit Hours
MGT-411	Corporate Finance	3
	Accounting/Finance Elective-III	3
	Accounting/Finance Elective-IV	3
	Research Project / Internship	6
Total Credit Hours		15

CURRICULUM OF BUSINESS ADMINISTRATION

Semester-I

Course Code	Course Title	Credit Hours
ENG-101	English-I	3
MGT-131	Principles of Management	3
SS-104	Introduction to Philosophy	3
MGT-121	Fundamentals of Marketing	3
MGT-111	Fundamentals of Accounting	3
SS-101	Islamic Studies	2
Total Credit Hours		17

Semester-III

Course Code	Course Title	Credit Hours
ENG-203	English-III	3
MGT-201	Business Maths	3
SS-109	Introduction to Sociology	3
MGT-211	Cost Accounting	3
MGT-203	Macro Economics	3
Total Credit Hours		15

Semester-V

Course Code	Course Title	Credit Hours
MGT-311	Financial Management	3
MGT-341	Statistical Inference	3
SS-110	Foreign Language	3
MGT-301	Western History	3
MGT-331	Organization Behavior	3
MGT-332	Strategic Management	3
Total Credit Hours		18

Semester-VII

Course Code	Course Title	Credit Hours
MGT-431	Entrepreneurship	3
MGT-401	Management Information System	3
MGT-441	Business Research Methods	3
	Specialization Course-I*	3
	Specialization Course-II*	3
Total Credit Hours		15

*Specialization Courses offered in Finance, HRM, and Marketing.

Total Credit Hours = 133

Fact File

Duration: Four Years
Eligibility: Minimum 45% marks in intermediate or equivalent.

Semester-II

Course Code	Course Title	Credit Hours
ENG-102	Freshman English II	3
MGT-122	Marketing Management	3
MGT-112	Financial Accounting	3
SS-106	Logic and Critical Thinking	3
MGT-101	Microeconomics	3
MGT-102	IT in Business	3
Total Credit Hours		18

Semester-IV

Course Code	Course Title	Credit Hours
ENG-204	English-IV	3
MGT-231	Human Resource Management	3
MGT-241	Business Statistics	3
MGT-212	Introduction to Business Finance	3
SS-102	Pakistan Studies	2
MGT-204	Pakistan Economy	3
Total Credit Hours		17

Semester-VI

Course Code	Course Title	Credit Hours
MGT-321	Consumer Behavior	3
SS-108	Introduction to Psychology	3
MGT-302	Business Law	3
MGT-303	Corporate Social Responsibility	3
MGT-333	Project Management	3
MGT-334	Supply Chain Management	3
Total Credit Hours		18

Semester-VIII

Course Code	Course Title	Credit Hours
MGT-442	Quantitative Techniques in Management	3
	Specialization Course-III*	3
	Specialization Course-IV*	3
	Thesis/Internship Report	6
Total Credit Hours		15

COMPUTER SCIENCE

BS Computer Science

BS Software Engineering

MISSION STATEMENT

To provide students and faculty with an open and productive environment that fosters professional and personal growth. To provide education in computer science and conduct research that meets the demand and needs of the society and industry. To collaborate with the industry and other academic and research institutes around the globe to strengthen the education, research, and development ecosystem.

CECOS
UNIVERSITY

MESSAGE FROM THE HEAD OF DEPARTMENT

Welcome to the Department of Computer Science at CECOS University, where we inspire creativity and innovation in the dynamic and constantly growing field of computing. Our specially designed courses and programs allow you to develop a wide range of skills and knowledge essential for modern IT and computer professionals. With access to the best resources and technology, and specialized elective courses, we provide high-quality education to set you on the path to a successful future. Join us to experience the excitement of the computing revolution!

Dr. Kifayat Ullah

Ph.D /Postdoc Computer Science, University of Sao Paulo, Brazil

FACULTY OF COMPUTER SCIENCE

Dr. M. Waqar Aziz
Professor
PhD Computer Science
Universiti Teknologi Malaysia

Dr. Tahir Ahmad
Associate Professor
PhD Computer Sciences
and Systems Engineering.
University of Genoa, Italy

Mr. Zahid Sarwar
Assistant Professor/FYP Coordinator
MS Computer Science
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Mr. Rahmat Shah
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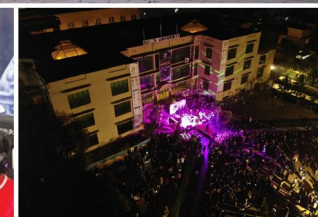
Mr. Zaheer Aslam
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UET, Peshawar.

Mr. Asad Iftikhar
Lecturer
MS Wireless Networks
University of London, UK

Mr. Muhammad Bilal Khan
Lecturer
MS Computer Networks
London Metropolitan University, UK



CURRICULUM OF SOFTWARE ENGINEERING

Semester-I

Course Code	Course Title	Credit Hours
SE-191	Introduction to ICT	2+1
CS-101	Programming Fundamentals	3+1
ENG-101	English-I	3+0
MATH-106	Calculus and Analytical Geometry	3+0
NS-101	Applied Physics	3+0
Total Credit Hours		16

Semester-II

Course Code	Course Title	Credit Hours
CE-151	Software Engineering	3+0
CS-102	Object Oriented Programming	3+1
ENG-102	English-II	3+0
CS-126	Discrete Structures	3+0
	University Elective-I	3+0
Total Credit Hours		16

Semester-III

Course Code	Course Title	Credit Hours
CS-203	Data Structures & Algorithms	3+1
SE-261	Software Requirement Engineering	3+0
CS-262	Human Computer Interaction	3+0
MATH-107	Linear Algebra	3+0
	University Elective-II	3+0
Total Credit Hours		16

Semester-IV

Course Code	Course Title	Credit Hours
CS-305	Operating Systems	3+1
CS-281	Database Systems	3+1
SE-263	Software Design and Architecture	2+1
MATH-211	Probability & Statistics	3+0
	University Elective -III	3+0
Total Credit Hours		17

Semester-V

Course Code	Course Title	Credit Hours
SE-352	Software Construction and Development	2+1
CS-311	Computer Networks	3+1
ENG-303	English-III	3+0
	SE Supporting-I	3+0
	SE Supporting -II	3+0
Total Credit Hours		16

Semester-VI

Course Code	Course Title	Credit Hours
SE-371	Software Quality Engineering	3+0
CS-413	Information Security	3+0
CS-290	Professional Practices	3+0
CS-364	Web Engineering	3+0
	SE Elective-I	3+0
	SE Supporting-III	3+0
Total Credit Hours		18

Semester-VII

Course Code	Course Title	Credit Hours
SE-466	Software Re-Engineering	3+0
SE-467	Software Project Management	3+0
SS-102	Pakistan Studies	2+0
SE-498	Final Year Project-I	0+3
	SE Elective-II	3+0
	SE Elective-III	3+0
Total Credit Hours		17

Semester-VIII

Course Code	Course Title	Credit Hours
SS-101	Islamic Studies/Ethics	2+0
SE-499	Final Year Project-II	0+3
	SE Elective-IV	3+0
	SE Elective-V	3+0
	University Elective-IV	3+0
Total Credit Hours		14

Total Credit Hours = 130

Fact File **Duration:** Four Years
Eligibility: Minimum 50% marks in intermediate or equivalent with mathematics / minimum 50% marks in intermediate (without mathematics) with two deficiency courses of mathematics to be studied and passed in 1st and 2nd semester after admission.

CURRICULUM OF COMPUTER SCIENCE

Semester-I

Course Code	Course Title	Credit Hours
CS-191	Introduction to ICT	3+0
CS-101	Programming Fundamentals	3+1
ENG-101	English-I	3+0
MATH-106	Calculus and Analytical Geometry	3+0
NS-101	Applied Physics	3+0
Total Credit Hours		16

Semester-II

Course Code	Course Title	Credit Hours
CS-121	Digital Logic Design	3+1
CS-102	Object Oriented Programming	3+1
CS-126	Discrete Structures	3+0
ENG-102	English-II	3+0
	University Elective-I	3+0
Total Credit Hours		17

Semester-III

Course Code	Course Title	Credit Hours
CS-222	Computer Organization & Assembly Language	3+1
CS-203	Data Structures and Algorithms	3+1
MATH-211	Probability & Statistics	3+0
CS-290	Professional Practices	3+0
	CS Supporting-I	3+0
Total Credit Hours		17

Semester-IV

Course Code	Course Title	Credit Hours
CS-204	Design & Analysis of Algorithms	3+0
CS-292	Theory of Automata	3+0
CS-281	Database Systems	3+1
MATH-107	Linear Algebra	3+0
	University Elective-II	3+0
Total Credit Hours		16

Semester-V

Course Code	Course Title	Credit Hours
CS-306	Compiler Construction	3+0
CS-305	Operating Systems	3+1
CE-151	Software Engineering	3+0
	CS Elective-I	3+0
	CS Supporting-II	3+0
Total Credit Hours		16

Semester-VI

Course Code	Course Title	Credit Hours
CS-331	Artificial Intelligence	3+1
CS-311	Computer Networks	3+1
ENG-203	English-III	3+0
	CS Elective-II	3+0
	CS Supporting-III	3+0
Total Credit Hours		17

Semester-VII

Course Code	Course Title	Credit Hours
SS-102	Pakistan Studies	2+0
CS-498	Final Year Project-I	0+3
CS-424	Parallel and Distributed Computing	3+0
	University Elective-III	3+0
	CS Elective-III	3+0
	CS Elective-IV	3+0
Total Credit Hours		17

Semester-VIII

Course Code	Course Title	Credit Hours
SS-101	Islamic Studies/ Ethics	2+0
CS-499	Final Year Project-II	0+3
CS-413	Information Security	3+0
	University Elective-IV	3+0
	CS Elective-V	3+0
Total Credit Hours		14

Total Credit Hours = 130

Fact File **Duration:** Four Years
Eligibility: Minimum 50% marks in intermediate or equivalent with mathematics / minimum 50% marks in intermediate (without mathematics) with two deficiency courses of mathematics to be studied and passed in 1st and 2nd semester after admission.

BASIC SCIENCES & HUMANITIES

BS English

BS Mathematics



MISSION STATEMENT

To enable students to make valuable contributions in their respective field, in particular and the society in general, in light of UN Sustainable Development Goals.

CEGOS
UNIVERSITY

MESSAGE FROM THE HEAD OF DEPARTMENT

Welcome to the Department of Basic Sciences & Humanities, where we are dedicated to providing you with a well-rounded education that goes beyond the classroom. Our programs (BS English, BS Mathematics) are designed to equip you with the skills and knowledge needed to succeed in today's competitive job market. Our faculty members are committed to challenging you and helping you develop critical thinking and entrepreneurial skills. So, if you are ready to rise to the challenge and make the most out of your university years, then join us and let's achieve greatness together!

Dr. Nudrat Aamir

Ph.D Mathematics, University of Essex, UK

FACULTY OF BASIC SCIENCES & HUMANITIES

Dr. Nudrat Aamir

Head of Department / Associate professor
Ph.D Mathematics
University of Essex United Kingdom

Dr. Muhammad Ibrahim

Assistant Professor
Post Doc Mathematics
University of Science & Technology Beijing, China

Dr. Farah Jaffer

Assistant Professor
Ph.D Mathematics
Shaheed Banazir Bhutto University

Mr. Adnan Hussain

Lecturer
M Phil English
Qurtuba University, Peshawar

Mr. Haroon Niaz Ali Khan

Lecturer
PhD Mathematics (In Progress)
University of Peshawar

Ms. Arfa Noor

Lecturer
MS English
University of Peshawar

Mr. Ahmad Nafees

Senior Instructor
M.A (English)
M.Phil (In Progress)

Dr. Zaheer ud Din

Associate Professor
Ph.D Mathematics
UET, Peshawar

Mr. Muhammad Jamshed

Assistant Professor
Ph.D Scholar Islamia College
Qurtba University, Peshawar

Mr. Sajjad Ahmed

Lecturer
M.A English, LLB
University of Peshawar

Mr. Shahkar Khan

Lecturer
PhD Mathematics (In Progress)
University of Peshawar

Mr. Naveed Ahmad Khan

Lecturer
Ph.D Mathematics (In Progress)
AWKUM, Mardan

Muhammad Ilyas Khalil

Senior Instructor
Master in Pak Studies
University of Peshawar

DEPARTMENT OF BASIC SCIENCES TRAININGS, SESSIONS & EVENTS



CURRICULUM OF BS MATHEMATICS

Semester-I

Course Code	Course Title	Credit Hours
MATH-121	Calculus-I	4+0
MATH-122	Elements of Set theory and Mathematical logic	3+0
ENG-101	English-I	3+0
SS-102	Pakistan Studies	2+0
CS-191	Introduction to ICT	3+0
NS-100	Introduction to Physics	3+0
Total Credit Hours		18

Semester-II

Course Code	Course Title	Credit Hours
MATH-123	Calculus-II	4+0
MATH-124	Discrete Mathematics	3+0
ENG-102	English-II	3+0
SS-110	Foreign Language	3+0
SS-101	Islamic Studies/Ethics	2+0
NS-111	Basic of Electricity & Magnetism (G-3)	3+0
Total Credit Hours		18

Semester-III

Course Code	Course Title	Credit Hours
MATH-221	Calculus-III	4+0
MATH-222	Symbolic Computation	3+0
MATH-223	Algebra-I	3+0
SS-105	Introduction to Economics	3+0
ENG-203	English-III	3+0
Total Credit Hours		18

Semester-IV

Course Code	Course Title	Credit Hours
MATH-224	Real Analysis-I	3+0
MATH-225	Linear Algebra	3+0
MATH-226	Number Theory	3+0
MATH-211	Probability and Statistics	3+0
MATH-111	Fundamentals of Accounting	2+0
MATH-227	Classical Mechanics	3+0
Total Credit Hours		18

Semester-V

Course Code	Course Title	Credit Hours
MATH-320	Ordinary Differential Equations	3+0
MATH-321	Complex Analysis	3+0
MATH-322	Functional Analysis	3+0
MATH-323	Real Analysis-II	3+0
MATH-324	Rings and Fields	3+0
Total Credit Hours		15

Semester-VI

Course Code	Course Title	Credit Hours
MATH-225	Topology	3+0
MATH-326	Partial Differential Equations	3+0
MATH-327	Numerical Analysis-I	3+0
MATH-328	Measure Theory	3+0
MATH-329	Algebra-II	2+0
Total Credit Hours		15

Semester-VII

Course Code	Course Title	Credit Hours
MATH-420	Numerical Analysis-II	3+0
MATH-421	Integral Equations	3+0
MATH-422	Inferential Statistics	3+0
MATH-423	Research Methodology	3+0
MATH-424	Graph Theory	3+0
MATH-425	Mathematical Methods	3+0
Total Credit Hours		18

Semester-VIII

Course Code	Course Title	Credit Hours
MATH-426	Computational Fluid Dynamics	3+0
MATH-427	Affine and Euclidean Geometry	3+0
MATH-428	*(E-1) Optimization Theory	3+0
MATH-429	*(E-2) Mathematical Modeling and Simulations	3+0
MATH-431	Research Project / Two optional courses from the list given below	2+0
Total Credit Hours		15

Total Credit Hours = 130

Fact File

Duration: Four Years
Eligibility: Minimum 50% marks in intermediate with mathematics or equivalent qualification with mathematics certified by IBCC. or 60% marks in DAE.

CURRICULUM OF BS ENGLISH

Semester-I

Course Code	Course Title	Credit Hours
ENG-101	English-I	3+0
SS-103	Introduction to History	3+0
MATH-101	Mathematics-I	3+0
SS-108	Introduction to Psychology	3+0
BT-101	Introduction to Economics	3+0
Total Credit Hours		15

Semester-II

Course Code	Course Title	Credit Hours
ENG-102	English-II	3+0
SS-104	Introduction to Philosophy	3+0
MATH-102	Mathematics-II	3+0
SS-109	Introduction to Sociology	3+0
SS-101	Islamic Studies	2+0
CS-191	Introduction to ICT	3+0
Total Credit Hours		17

Semester-III

Course Code	Course Title	Credit Hours
SS-102	Pakistan Studies	2+0
ENG-203	English-III	3+0
ENG-211	Introduction to English Literature	3+0
ENG-212	Creative Writing	3+0
ENG-213	Critical Reading Towards Critical Writing	3+0
ENG-221	Introduction to Linguistics	3+0
Total Credit Hours		17

Semester-IV

Course Code	Course Title	Credit Hours
ENG-215	History of English Literature-I	3+0
ENG-216	English Poetry	3+0
ENG-217	Literary Criticism-I	3+0
ENG-222	Morphology and Syntax	3+0
ENG-223	TEFL-I	3+0
ENG-224	Stylistics	3+0
Total Credit Hours		18

Semester-V

Course Code	Course Title	Credit Hours
ENG-311	History of English Literature-II	3+0
ENG-312	English Drama	3+0
ENG-313	Literary Criticism-II	3+0
ENG-321	Semantics	3+0
ENG-322	Sociolinguistics	3+0
ENG-323	TEFL-II	3+0
Total Credit Hours		18

Semester-VI

Course Code	Course Title	Credit Hours
ENG-314	English Novel	3+0
ENG-315	English Prose	3+0
ENG-324	Language Teaching Methodologies	3+0
ENG-325	Discourse Analysis	3+0
ENG-326	Psycholinguistics	3+0
Total Credit Hours		15

Semester-VII

Course Code	Course Title	Credit Hours
ENG-411	Post-Colonial Literature	3+0
ENG-412	Women's Writings	3+0
ENG-421	Pragmatics	3+0
ENG-422	Phonetics and Phonology od and Term Pap	3+0
ENG-491	Research Methodology	3+0
Total Credit Hours		

Semester-VIII

Course Code	Course Title	Credit Hours
ENG-492	Research Thesis (Equivalent to 2 courses-6CH)	6+0
ENG-	Elective Subjects	3+0
ENG-	Elective Subjects	3+0
ENG-	Elective Subjects	3+0
Total Credit Hours		15

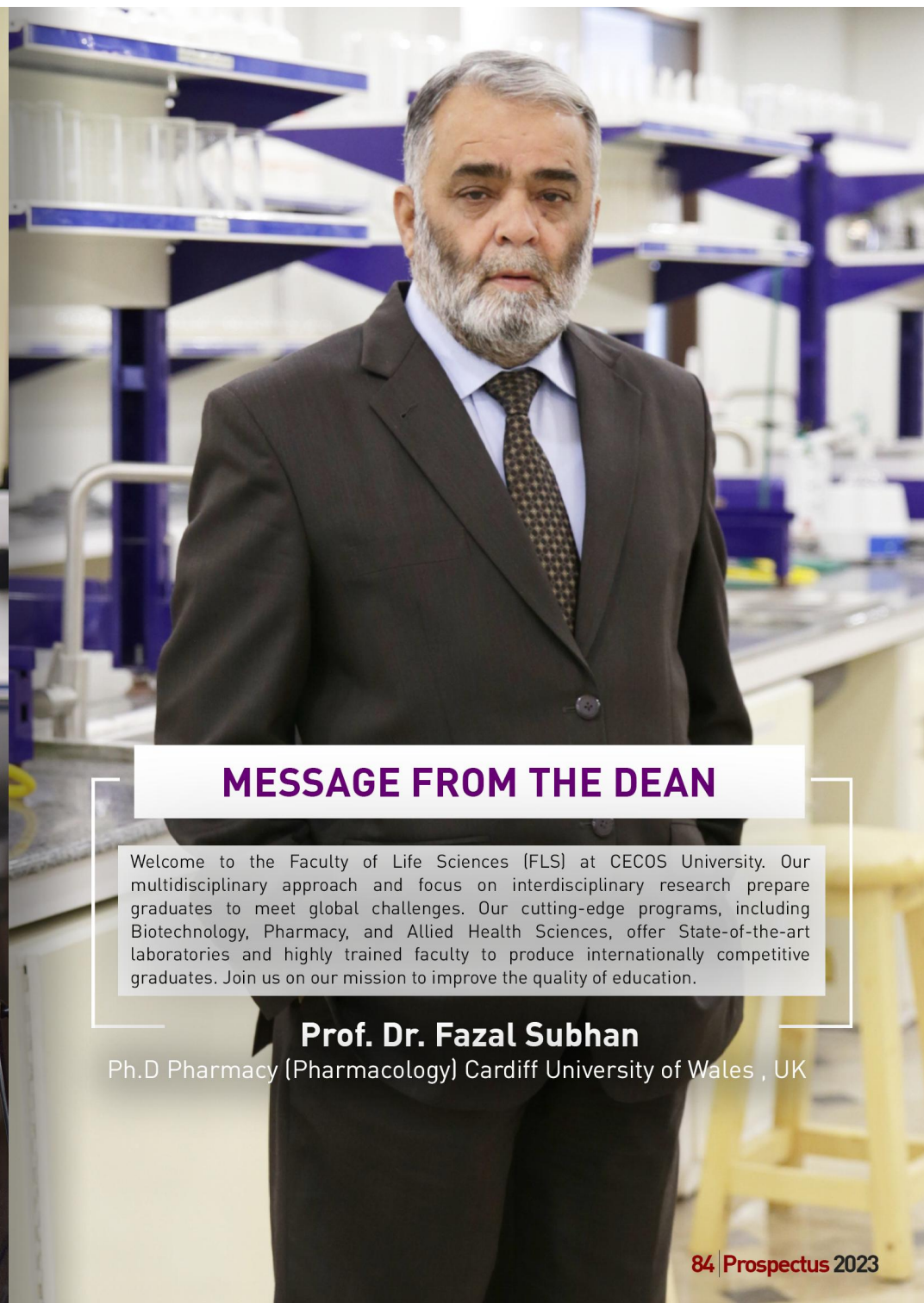
Total Credit Hours = 130

Fact File

Duration: Four Years
Eligibility: Intermediate or equivalent with at least 45% marks; preference will be given to students who have studied English Advance in Intermediate.

FACULTY OF LIFE SCIENCES

Pharmacy
Allied Health Sciences
Institute of Integrative Biosciences



MESSAGE FROM THE DEAN

Welcome to the Faculty of Life Sciences (FLS) at CECOS University. Our multidisciplinary approach and focus on interdisciplinary research prepare graduates to meet global challenges. Our cutting-edge programs, including Biotechnology, Pharmacy, and Allied Health Sciences, offer State-of-the-art laboratories and highly trained faculty to produce internationally competitive graduates. Join us on our mission to improve the quality of education.

Prof. Dr. Fazal Subhan

Ph.D Pharmacy (Pharmacology) Cardiff University of Wales , UK

PHARMACY

Doctor of Pharmacy (Pharm-D)

MISSION STATEMENT

The Department of Pharmacy, CECOS University, Peshawar is committed to providing its students with pharmacy education of the highest quality, promoting the academic and career growth of the students to prepare them for leadership roles in the pharmaceutical care system and striving to improve human health through engagement in the discovery and development of novel drugs as well as drug delivery systems.

MESSAGE FROM THE HEAD OF DEPARTMENT

Welcome to the Department of Pharmacy at CECOS University, where we offer a Doctor of Pharmacy (Pharm-D) program designed to equip you with first-rate education and practical skills necessary for a successful career in the rapidly growing field of Pharmacy. Our faculty is highly qualified and dedicated to your academic and personal growth. We are committed to providing an ideal environment that promotes learning, personality enhancement, and values. Join us and let us help you achieve your full potential in this exciting field!

Prof. Dr. Fazal Subhan

Ph.D Pharmacy (Pharmacology) Cardiff University of Wales , UK

FACULTY OF PHARMACY

Dr. Fazal Subhan

Professor & HoD
Ph.D. Pharmacology
Cardiff University of Wales, UK

Dr. Shehla Akbar

Associate Professor / Academic Coordinator
Ph.D. Pharmaceutical Sciences
University of Peshawar

Dr. Muhammad Shahid

Associate Professor
Ph.D. Pharmaceutical Sciences
University of Peshawar

Dr. Naveed Ullah Khan

Assistant Professor
Ph.D. Pharmaceutical Sciences
Soocho University, China

Mr. Asif Waseem

Lecturer
M.Phil Pharmacy
Abasyn University

Mr. Muhammad Anwar

Lecturer
M.Phil Clinical Pharmacy
Universiti Sains Malaysia

Miss Urooj Aman

Lecturer
M.Phil Pharmacology,
University of Peshawar

Miss Sana Haider

Lecturer
M.Phil Clinical Pharmacy
University of Peshawar

Mr. Fazal Subhan

Lecturer
M.Phil Pharmacology
COMSATS Abbottabad
(On study leave)

Dr. Zia Ullah Shah

Professor
Ph.D. Microbiology,
Quaid-e-Azam University, Islamabad

Dr. Salman ul Islam

Assistant Professor
Ph.D. , Post-doc Cell Biology
Kyongpook National University, South Korea

Dr. Saad Salman

Assistant Professor
Ph.D. Pharmaceutics
GC University, Sargodah

Dr. Muhammad Asif Shahzad

Assistant Professor
Ph.D. Pharmaceutical Chemistry
Gomal University

Mr. Umair Ahmad

Lecturer
M.Phil Pharmaceutics
COMSATS Abbottabad

Mr. Hamzalah

Lecturer
M.Phil Pharmaceutics
University of Peshawar

Miss Haseeba

Lecturer
M.Phil Pharmacology,
COMSATS Islamabad

Miss Yamema Younatan

Lecturer
M.Phil Pharmacognosy
Quaid-e-Azam University

PHARMACY LABORATORIES



STATE-OF-THE-ART
RESEARCH
LABORATORIES

The Coolest Pharmacy Labs in KP!

CURRICULUM OF PHARMACY

Semester-I

Course Code	Course Title	Credit Hours
ENG-100	English-A	2+0
PHARM-111	Pharmaceutics-IA (Physical Pharmacy)	3+1
PHARM-121	Pharmaceutical Chemistry-IA (Organic)	3+1
PHARM-123	Pharmaceutical Chemistry-IA (Biochemistry)	3+1
PHARM-141	Physiology-A	3+1
PHARM-143	Anatomy & Histology	3+1
Total Credit Hours		22

Semester-III

Course Code	Course Title	Credit Hours
SS-200	Islamiat	3
PHARM-213	Pharmaceutics-IIA (Dosage Form Science)	3+1
PHARM-215	Pharmaceutics-IIIA (Pharmaceutical Microbiology and Immunology)	3+1
PHARM-244	Pharmacology and Therapeutics-IA	3+1
PHARM-231	Pharmacognosy-IA (Basic)	3+1
PHARM-251	Pharmacy Practice-IA (Pharmaceutical Mathematics)	3
Total Credit Hours		22

Semester-V

Course Code	Course Title	Credit Hours
PHARM-353	Pharmacy Practice-IIA(Dispensing Pharmacy)	3+1
PHARM-325	Pharmaceutical Chemistry-IIIA(Pharmaceutical Analysis)	3+1
PHARM-346	Pharmacology and Therapeutics-IIA	3+1
PHARM-333	Pharmacognosy-IIA (Advanced)	3+1
PHARM-614	Pathology	3+1
Total Credit Hours		20

Semester-VII

Course Code	Course Title	Credit Hours
PHARM-456	Pharmacy Practice-IVA (Hospital Pharmacy)	3
PHARM-458	Pharmacy Practice-VA (Clinical Pharmacy)	3+1
PHARM-411	Pharmaceutics-IVA (Industrial Pharmacy)	3+1
PHARM-413	Pharmaceutics-VB (Biopharmaceutics and Pharmacokinetics)	3+1
PHARM-415	Pharmaceutics-VIA (Pharmaceutical Quality Management)	3+1
Total Credit Hours		19

Semester-IX

Course Code	Course Title	Credit Hours
PHARM-511	Pharmaceutics-VIIA (Pharmaceutical Technology)	3+1
PHARM-551	Pharmacy Practice-VIA (Advanced Clinical Pharmacy-II)	3+1
PHARM-553	Pharmacy Practice-VIIA (Forensic Pharmacy)	3
PHARM-555	Pharmacy Practice-VIIIA (Pharmaceutical Management and Marketing)	3
PHARM-527	Pharmaceutical Chemistry-IVA(Medicinal Chemistry)	3+1
Total Credit Hours		18

Semester-II

Course Code	Course Title	Credit Hours
ENG-104	English-B	4+0
PHARM-112	Pharmaceutics-IB (Physical Pharmacy)	3+1
PHARM-122	Pharmaceutical Chemistry-IB (Organic)	3+1
PHARM-124	Pharmaceutical Chemistry-IB (Biochemistry)	3+1
PHARM-142	Physiology	3+1
Total Credit Hours		20

Semester-IV

Course Code	Course Title	Credit Hours
PS403	Pakistan Studies	2
PHARM 415	Pharmaceutics-IB (Dosage Form Science)	3+1
PHARM 416	Pharmaceutics-IIIB (Pharmaceutical Microbiology and Immunology)	3+1
PHARM 417	Pharmacology and Therapeutics-IB	3+1
PHARM 418	Pharmacognosy-IB (Basic)	3+1
PHARM 419	Practice-IB (Bio-statistics)	3+1
PHARM 419	Pharmacy	3
Total Credit Hours		22

Semester-VI

Course Code	Course Title	Credit Hours
PHARM-354	Pharmacy Practice-IIB (Community, Social and Administrative Pharmacy)	3
PHARM-326	Pharmaceutical Chemistry-IIIB (Pharmaceutical Analysis)	3+1
PHARM-334	Pharmacology and Therapeutics-IIB	3+1
PHARM-334	Pharmacognosy-IIB (Advanced)	3+1
PHARM-355	Pharmacy Practice-III (Computer and Its Applications in Pharmacy)	3+1
Total Credit Hours		19

Semester-VIII

Course Code	Course Title	Credit Hours
PHARM-457	Pharmacy Practice-IVB (Hospital Pharmacy)	3
PHARM-459	Pharmacy Practice-VB (Clinical Pharmacy)	3+1
PHARM-412	Pharmaceutics-IVB (Industrial Pharmacy)	3+1
PHARM-414	Pharmaceutics-VB (Bio pharmaceutics and Pharmacokinetics)	3+1
PHARM-416	Pharmaceutics-VIB (Pharmaceutical Quality Management)	3+1
Total Credit Hours		19

Semester-X

Course Code	Course Title	Credit Hours
PHARM-512	Pharmaceutics-VIIB (Pharmaceutical Technology)	3+1
PHARM-552	Pharmacy Practice-VIB (Advanced Clinical Pharmacy-II)	3+1
PHARM-554	Pharmacy Practice-VIIB (Forensic Pharmacy)	3
PHARM-556	Pharmacy Practice-VIIIB (Pharmaceutical Management and Marketing)	3
PHARM-528	Pharmaceutical Chemistry-IVB (Medicinal Chemistry)	3+1
Total Credit Hours		18

Total Credit Hours = 198

Fact File **Duration:** Five Years
Eligibility: Minimum 60% marks in F.Sc Pre-Medical or equivalent



ALLIED HEALTH SCIENCES

Doctor of Physical Therapy

BS Medical Lab Technology



MISSION STATEMENT

To achieve academic excellence and innovation in the fields of rehabilitation and allied health sciences by providing an intellectually stimulating environment conducive to educational, professional and personal development. The highly skilled teaching staff of the department is dedicated to equip the students with modern knowledge, skills of health care, ethics and social responsibility; in order to serve the humanity, today and tomorrow.

CECOS
UNIVERSITY

MESSAGE FROM THE HEAD OF DEPARTMENT

Welcome to the Department of Allied Health Sciences at CECOS University. Our department is a vital part of the Faculty of Life Sciences, providing top-notch education and training in Doctor of Physical Therapy and BS Medical Laboratory Technology programs. Our state-of-the-art facilities and experienced faculty are dedicated to academic excellence, evidence-based practice, research, and lifelong learning. Join us in serving humanity and realizing your dreams.

Prof. Dr. Zia Ullah Shah

PhD Microbiology, Quaid-e-Azam University, Islamabad

FACULTY OF ALLIED HEALTH SCIENCES

Prof. Dr. Zia Ullah Shah

HoD AHS/ Dean Graduate Studies
PhD Microbiology
QAU, Islamabad

Dr. Kashmala Zeb

Demonstrator/FYP Coordinator
DPT INU Peshawar / MS*(OMPT)
RIU Islamabad

Dr. Nasiha Rehman

Clinical Physical Therapist (CPT)/Exam Coordinator
DPT INU Peshawar/ MS*(CPPT)
RIU Islamabad

Dr. Jalwa Zahid

Demonstrator
DPT NCS Peshawar/MS*(NMPT)
RIU Islamabad

Mr. Abdullah

Demonstrator
MLT INU Peshawar/ MS *(MLS)
RIU Islamabad

Miss Muneeba Wali

Lecturer
MS Microbiology and Immunology
KMU Peshawar

Mr. Shakir Noor

Lecturer
MPhil Molecular Biology
KMU Peshawar

*(In Progress)

Dr. Shabi ul Hassan

Demonstrator/Academic Coordinator AHS
DPT INU Peshawar/ MS*(OMPT)
RIU Islamabad

Dr. Nazneen Qureshi

Lecturer
DPT KMU, IPMR, Peshawar
MS (MSPT) KMU, IPMR, Peshawar

Dr. Syed Basith Ali Shah

Lecturer
DPT NCS Peshawar/MS (SPT)
RIU Islamabad

Dr. Muhammad Ismail

Demonstrator
DPT Abasyn University Peshawar/MS* (SPT)
RIU Islamabad

Miss Nadia Zeb

Lecturer/FYP Coordinator
MS Microbiology and Immunology
COMSATS UNIVERSITY ISLAMABAD

Miss Rimsha Abid

Lecturer
MPhil Medical Microbiology
KMU Peshawar

Department of Allied Health Sciences events, sessions and trainings:



CURRICULUM OF BS MEDICAL LAB TECHNOLOGY (MLT)

Semester-I

Course Code	Course Title	Credit Hours
ENG-111	English-I	3+0
SS-112	Islamic Studies	2+0
MA-113	Mathematics-I	3+0
MLT-114	Human Physiology-I	2+1
MLT-123	Human Anatomy-1	2+1
MLT-126	Biochemistry 1	2+1
Total Credit Hours		17

Semester-III

Course Code	Course Title	Credit Hours
ENG-211	English-III	3+0
MLT-212	General Pathology-I	2+1
MLT-221	Phlebotomy	2+1
BIO-318	Pharmacology	2+1
MLT-215	Hematology-I	2+1
CH-216	Introduction to MLT	2+1
Total Credit Hours		18

Semester-V

Course Code	Course Title	Credit Hours
MLT-311	Bioinformatics	1+2
MLT-312	Histopathology	2+1
MLT-313	WBC and platelets Disorders	2+1
MLT-314	Clinical Pathology	2+1
CS-315	Introduction to Computer science	2+1
MLT-316	Medical Lab Instrumentation	2+1
Total Credit Hours		18

Semester-VII

Course Code	Course Title	Credit Hours
MLT-411	Fundamental of Forensic sciences & toxicology	2+1
RES-412	Research Methodology	2+0
MLT-413	Epidemiology & Public Health	3+0
MLT-414	Advances in Medical Lab Technology	2+1
MLT-415	Clinical Virology & Mycology	2+1
MLT-416	Fundamentals of Infection Control	2+1
Total Credit Hours		17

Total Credit Hours = 140

Fact File **Duration:** Four Years
Eligibility: Minimum 50% marks in F.Sc Pre-Medical or equivalent

Semester-II

Course Code	Course Title	Credit Hours
ENG-121	English-II	3+0
SS-122	Pak Studies	2+0
MLT-213	Human anatomy -II	2+1
MLT-124	Human Physiology -II	2+1
MA-125	Mathematics-II	3+0
CH-216	Biochemistry II	2+1
Total Credit Hours		17

Semester-IV

Course Code	Course Title	Credit Hours
CH-438	Chemical Pathology	2+1
MLT-323	RBC Disorders	2+1
MLT-223	Introduction to clinical & diagnostic bacteriology	2+1
BIO-224	Human Genetics	2+1
MLT-225	General Pathology-II	2+1
MLT-226	Molecular biology & Biotechnology	2+1
Total Credit Hours		18

Semester-VI

Course Code	Course Title	Credit Hours
MLT-321	Biostatistics	2+1
MLT-322	Immunology & serology	2+1
MLT-323	Blood Banking	2+1
MLT-324	Cytology & Cytogenetics	2+1
MLT-325	Clinical Parasitology	2+1
MLT-326	Techniques used in microbiology	2+1
Total Credit Hours		18

Semester-VIII

Course Code	Course Title	Credit Hours
MLT-421	Biosafety & Biosecurity	2+1
MLT-422	Medical Lab Management Skills	2+1
MLT-423	Biosensors in diagnostics	3+0
MLT-424	Bioethics	2+0
RES-425	Research Project	0+6
	Research seminar	1+0
Total Credit Hours		18

CURRICULUM OF DOCTOR OF PHYSICAL THERAPY (DPT)

Semester-I

Course Code	Course Title	Credit Hours
BIO-101	Fundamentals of biology	3+0
MATH-101	Mathematics-I	3+0
ENG-101	English-I	3+0
SS-101	Islamic Studies	2+0
DPT-110	Anatomy-I	3+1
DPT-114	Physiology-I	2+1
Total Credit Hours		18

Semester-III

Course Code	Course Title	Credit Hours
DPT-222	Medical Physics	3+0
DPT-221	Kinesiology-II	2+1
DPT-212	Anatomy -III	2+1
DPT-216	Physiology-III	2+1
ENG-203	English-III	3+0
DPT-218	Biochemistry-I	3+0
Total Credit Hours		18

Semester-V

Course Code	Course Title	Credit Hours
DPT-310	Pathology & Microbiology-I	2+0
DPT-312	Pharmacology & Therapeutics- I	2+0
DPT-325	Physical Agents & Electrotherapy- I	2+1
DPT-327	Therapeutic Exercises & Techniques	2+1
DPT-328	Biomechanics & Ergonomics-II	3+1
DPT-314	Behavioral Sciences	2+0
DPT-340	Supervised Clinical Practice-I	0+3
Total Credit Hours		18

Semester-VII

Course Code	Course Title	Credit Hours
DPT-415	Medicine-I	3+0
DPT-417	Surgery-I	3+0
DPT-419	Radiology & Diagnostic Imaging	2+1
DPT-534	Manual Therapy	2+1
DPT-451	Evidence Based Practice	2+1
DPT-442	Supervised Clinical Practice-III	0+3
Total Credit Hours		18

Semester-IX

Course Code	Course Title	Credit Hours
DPT-533	Cardiopulmonary Physical Therapy	2+1
DPT-520	Prosthetics & Orthotics	2+0
DPT-546	Clinical Decision-Making & Differential Diagnosis	3+0
DPT-452	Biostatistics	3+0
DPT-521	Professional Practice	2+0
DPT-535	Integumentary Physical Therapy	2+0
DPT-544	Supervised Clinical Practice V	0+3
Total Credit Hours		18

Total Credit Hours = 180

Fact File **Duration:** Five Years
Eligibility: Minimum 60% marks in F.Sc Pre-Medical or equivalent

Semester-II

Course Code	Course Title	Credit Hours
DPT-111	Anatomy -II	3+1
DPT-115	Physiology-II	2+1
DPT-120	Kinesiology-I	2+1
ENG-102	English-II	3+0
SS-102	Pakistan Studies	2+0
MATH-102	Mathematics-II	3+0
Total Credit Hours		18

Semester-IV

Course Code	Course Title	Credit Hours
DPT-213	Anatomy-IV	2+1
DPT-219	Biochemistry-II	2+1
DPT-223	Community Medicine & Rehabilitation	3+0
DPT-224	Biomechanics & Ergonomics-I	2+1
CS-191	Introduction to Computer Sciences	2+1
DPT-217	Exercise Physiology	2+1
Total Credit Hours		18

Semester-VI

Course Code	Course Title	Credit Hours
DPT-311	Pathology & Microbiology-II	2+1
DPT-313	Pharmacology & Therapeutics-II	2+0
DPT-326	Physical Agents & Electrotherapy -II	2+1
SS-109	Sociology	2+0
DPT-330	Musculoskeletal Physical Therapy	2+1
DPT-341	Supervised Clinical Practice-II	0+3
DPT-329	Health and Wellness	2+0
Total Credit Hours		18

Semester-VIII

Course Code	Course Title	Credit Hours
DPT-416	Medicine-II	3+0
DPT-418	Surgery-II	3+0
DPT-431	Neurological Physical Therapy	2+1
DPT-450	Scientific Inquiry & Research Methodology	2+1
DPT-432	Emergency Procedures & Primary Care In Physical Therapy	2+1
DPT-443	Supervised Clinical Practice-IV	0+3
Total Credit Hours		18

Semester-X

Course Code	Course Title	Credit Hours
DPT-536	Obstetrics & Gynecological Physical Therapy	2+0
DPT-537	Pediatric Physical Therapy	2+0
DPT-538	Gerontology & Geriatric Physical Therapy	2+0
DPT-539	Sports Physical Therapy	2+0
DPT-545	Supervised Clinical Practice VI	0+4
DPT-559	Research Project	6
Total Credit Hours		18

INSTITUTE OF INTEGRATIVE BIOSCIENCES

BS Biotechnology

BS Microbiology

MISSION STATEMENT

IIB is a crossdisciplinary life sciences institution that offers world-class degree programmes and undertakes cutting-edge research in different areas and at the interfaces of biological sciences with other disciplines. IIB is a constituent institute of CECOS University of IT and Emerging Sciences, a leading player in engineering education for over 37 years.

MESSAGE FROM THE HEAD OF INSTITUTE

Institute of Integrative Biosciences is a cutting-edge institute that offers undergraduate degree programs in Biotechnology and Microbiology. With a focus on multidisciplinary approaches, IIB's curriculum covers core scientific and social science courses, providing students with a comprehensive understanding of the biological processes from molecular to population scales. Equipped with state-of-the-art facilities, IIB's faculty is committed to nurturing a vibrant research environment that promotes authentic research experiences for students. Join IIB to embark on an exciting journey of discovering innovative solutions to global problems.

Dr. Kashif Mehmood

Ph.D Microbiology, University of Maine, USA

FACULTY OF IIB

Dr. Kashif Mehmood, Fulbright
Head Institute of Integrative Biosciences
Assistant Professor
PhD Microbiology,
Department of Molecular & Biomedical Sciences
The University of Maine, USA

Dr. Faisal F. Khan
Adjunct Professor
D.Phil. Systems Biology & Cell Biology
Oxford University, UK

Mr. Muhammad Aamir Wahab, Gold Medalist
Lecturer & Academic Coordinator
M.Phil. Biotechnology & Genetic Engineering
Institute of Biotechnology & Genetic Engineering
The University of Agriculture Peshawar

Ms. Maryam Anwar
Lecturer
MS Healthcare Biotechnology
Atta Ur Rahman School of Applied Biosciences,
National University of Science & Technology, Islamabad

Mr. Zubair Khan
Lab Technologist
BS Biotechnology
Institute of Integrative Biosciences
CECOS University, Peshawar

Dr. Akhtar Nadhman Shams
Associate Professor
PhD Nanobiotechnology
Department of Biotechnology
Quaid-i-Azam University, Islamabad

Mr. Sulaiman Faisal
Lecturer & Coordinator Post Graduate Studies
M.Phil. Biotechnology
Institute of Biotechnology & Genetic Engineering
The University of Agriculture Peshawar

Ms. Sidrah Amin
Lecturer & FYP Coordinator
M.Phil. Biotechnology & Genetic Engineering
Institute of Biotechnology & Genetic Engineering
The University of Agriculture Peshawar

Ms. Aimon Khan
Senior Instructor
BS Biotechnology
Institute of Integrative Biosciences
CECOS University Peshawar

IIB BOOTCAMPS



Students from different schools and colleges visit Institute of Integrative Biosciences to attend Molecular Biology & Genetic Engineering Bootcamps, every year in summer vacations



CURRICULUM OF BS MICROBIOLOGY

Semester-I

Course Code	Course Title	Credit Hours
BIO-101	Fundamentals of Biology	3+1
BIO-111	Fundamentals of Chemistry-I	3+0
MATH-103	Pre-Calculus	3+0
CS-191	Introduction to ICT	3+0
SS-101	Islamic Studies	2+0
ENG-102	English-I	3+0
Total Credit Hours		18

Semester-II

Course Code	Course Title	Credit Hours
BIO-102	Cell Biology	3+1
SS-102	Pakistan Studies	2+0
BIO-112	Fundamentals of Chemistry-II	3+1
MATH-104	Calculus	3+0
ENG-102	English-II	3+0
BIO-103	Classical Genetics	2+0
Total Credit Hours		18

Semester-III

Course Code	Course Title	Credit Hours
BIO-221	Biochemistry-I	3+0
BIO-204	Plant Physiology & Pathology	3+0
BIO-205	Molecular Biology	4+0
BIO-231	Introduction to Biotechnology	3+0
BIO-206	Fundamentals of Microbiology-I	3+1
Total Credit Hours		17

Semester-IV

Course Code	Course Title	Credit Hours
BIO-222	Biochemistry-II	3+1
BIO-207	Fundamentals of Microbiology-II	2+1
SS-201	Logical and Scientific Reasoning	2+0
BIO-208	Immunology	3+0
BIO-232	Analysis of Biomolecules	3+0
BIO-209	RNA Biology	3+0
Total Credit Hours		18

Semester-V

Course Code	Course Title	Credit Hours
BIO-341	Microbial Taxonomy and Diversity	2+1
BIO-342	Microbial Genetics	3+0
BIO-343	Epidemiology and Public Health	3+0
BIO-333	Genetic Engineering	2+1
BIO-344	Mycology	2+1
CS-109	Computer Programming	1+2
Total Credit Hours		18

Semester-VI

Course Code	Course Title	Credit Hours
BIO-323	Biosafety and Bioethics	2+0
BIO-324	Biostatistics	3+0
BIO-325	Bioinformatics	3+1
BIO-345	Advanced Virology	2+1
BIO-346	Frontiers in Microbiology	3+0
BIO-347	Medical Microbiology	3+0
Total Credit Hours		18

Semester-VII

Course Code	Course Title	Credit Hours
BIO-448	Food Microbiology	3+0
BIO-478	Microscopy and Image Analysis	3+0
BIO-477	Research Methodology and Scientific Writing	2+0
BIO-449	Industrial Microbiology	3+0
BIO-45/46	Elective-I	3+0
BIO-498	Research	3+0
Total Credit Hours		17

Semester-VIII

Course Code	Course Title	Credit Hours
BIO-427	Bio-Entrepreneurship	3+0
BIO-45/46	Elective-II	3+0
BIO-434	Environmental Biotechnology	3+0
BIO-491	Seminar-I	1+0
BIO-499	Research	3+0
Total Credit Hours		13

Total Credit Hours = 137

Fact File

Duration: Four Years
Eligibility: Minimum 50% marks in FSc Pre-medical or equivalent

CURRICULUM OF BS BIOTECHNOLOGY

Semester-I

Course Code	Course Title	Credit Hours
BIO-101	Fundamentals of Biology	3+1
BIO-111	Fundamentals of Chemistry-I	3+0
MATH-103	Pre-Calculus	3+0
CS-191	Introduction to ICT	3+0
SS-101	Islamic Studies	2+0
ENG-101	English-I	3+0
Total Credit Hours		18

Semester-II

Course Code	Course Title	Credit Hours
BIO-102	Cell Biology	3+1
SS-102	Pakistan Studies	2+0
BIO-112	Fundamentals of Chemistry-II	3+1
MATH-104	Calculus	3+0
ENG-102	English-II	3+0
BIO-103	Classical Genetics	2+0
Total Credit Hours		18

Semester-III

Course Code	Course Title	Credit Hours
BIO-221	Biochemistry-I	3+0
BIO-204	Plant Physiology & Pathology	3+0
BIO-205	Molecular Biology	4+0
BIO-271	Introduction to Biotechnology	3+0
BIO-206	Fundamentals of Microbiology-I	3+1
Total Credit Hours		17

Semester-IV

Course Code	Course Title	Credit Hours
BIO-222	Biochemistry-II	3+1
BIO-207	Fundamentals of Microbiology-II	2+1
SS-201	Logical & Scientific Reasoning	2+0
BIO-208	Immunology	3+0
BIO-272	Analysis of Biomolecules	3+0
BIO-209	RNA Biology	3+0
Total Credit Hours		18

Semester-V

Course Code	Course Title	Credit Hours
BIO-373	Evolution, Biodiversity and Conservation	3+0
BIO-323	Biophysics	3+0
SS-105	Introduction to Economics	2+0
BIO-374	Recombinant DNA Technology	2+1
BIO-381	Agriculture Biotechnology	3+0
CS-109	Computer Programming	1+2
Total Credit Hours		17

Semester-VI

Course Code	Course Title	Credit Hours
BIO-375	Biosafety & Bioethics	2+0
BIO-324	Biostatistics	3+0
BIO-325	Bioinformatics-I	3+1
BIO-326	Cell and Tissue Culture	2+1
BIO-382	Industrial Biotechnology	3+0
BIO-383	Health Biotechnology	3+0
Total Credit Hours		18

Semester-VII

Course Code	Course Title	Credit Hours
BIO-427	Bioinformatics-II	3+0
BIO-484	Food Biotechnology	3+0
BIO-485	Elective-I	3+0
BIO-428	Research Methodology and Scientific Writing	2+0
BIO-491	Seminar-I	1+0
BIO-498	Research	3+0
Total Credit Hours		15

Semester-VIII

Course Code	Course Title	Credit Hours
BIO-429	Bio Entrepreneurship	3+0
BIO-486	Elective-II	3+0
BIO-487	Introduction to OMICS	3+0
BIO-492	Seminar-II	1+0
BIO-499	Research	3+0
Total Credit Hours		13

Total Credit Hours = 134

Fact File

Duration: Four Years
Eligibility: Minimum 50% marks in FSc Pre-medical or equivalent

HOW TO APPLY

You can apply for admission in CECOS University through any of the following processes:



ONLINE APPLICATION

You can apply online from anywhere, through the online form available at the University website www.cecocos.edu.pk.

1. Online Form Filling

- Kindly click on APPLY NOW button to create your login
- Click on the new user account and create your login.
- Rs.1500/- has to be paid in following bank accounts of CECOS

2. Bank Account Details

Bank Name:
JS Bank Ltd. (JSBL)
Account No:
9017000000971839
Title:
CECOS UNIVERSITY OF
IT & EMERGING SCIENCES

Bank Name:
Faysal Bank Ltd. (FBL)
Account No:
01140060004449
Title:
CECOS UNIVERSITY OF
IT & EMERGING SCIENCES

Bank Name:
The Bank of Punjab
Account No:
6020199835300010
Title:
CECOS UNIVERSITY OF
IT & EMERGING SCIENCES



PAPER APPLICATION

Interested candidates can obtain the University Prospectus and Admission form from the Main Campus of the University

1. Filling of Admission Form

The candidates have to follow instructions given on the admission form and prospectus, fill in the form, and submit the same in the Admission Cell by hand before the closing date.

2. Visit Campus for Queries

In case of any query you can contact the CECOS admission team on 091-5860291-3 (Ext: 195-196)

or

03450023267. The CECOS Admissions Team will be available to guide you to complete all the formalities.

FEE STRUCTURE

B.Sc Civil Engineering

Semester	Admissions Fee	Semester Registration Fee	Tuition Fee	Exam Fee	Misc Charges	Total
Semester-I	30000	-----	190000	5000	5000	230000
Semester-II	-	15000	190000	5000	5000	215000
Semester-III	-	15000	190000	5000	5000	215000
Semester-IV	-	15000	190000	5000	5000	215000
Semester-V	-	15000	190000	5000	5000	215000
Semester-VI	-	15000	190000	5000	5000	215000
Semester-VII	-	15000	190000	5000	5000	215000
Semester-VIII	-	15000	190000	5000	5000	215000
Complete Charges	30000	105000	1520000	40000	40000	1735000

Note: Students of B.Sc Civil Engineering will be required to pay Rs.20000 as Survey Camp Charges in 5th Semester

B.Sc Electrical Engineering / B.Sc Mechanical Engineering

Semester	Admissions Fee	Semester Registration Fee	Tuition Fee	Exam Fee	Misc Charges	Total
Semester-I	30000	-----	90000	5000	5000	130000
Semester-II	-	10000	90000	5000	5000	110000
Semester-III	-	10000	90000	5000	5000	110000
Semester-IV	-	10000	90000	5000	5000	110000
Semester-V	-	10000	90000	5000	5000	110000
Semester-VI	-	10000	90000	5000	5000	110000
Semester-VII	-	10000	90000	5000	5000	110000
Semester-VIII	-	10000	90000	5000	5000	110000
Complete Charges	30000	70000	720000	40000	40000	900000

B.Sc Engineering Technology (Civil / Electrical / Mechanical)

Semester	Admissions Fee	Tuition Fee	Total
Semester-I	20000	45000	65000
Semester-II	-	45000	45000
Semester-III	-	45000	45000
Semester-IV	-	45000	45000
Semester-V	-	45000	45000
Semester-VI	-	45000	45000
Semester-VII	-	45000	45000
Semester-VIII	-	45000	45000
Complete Charges	20000	360000	380000

Note: Students of B.Sc Engineering Technology will be required to pay Rs.2000 as Final Year Project Fee in 8th Semester.

Bachelor of Architecture

Semester	Admissions Fee	Tuition Fee	Exam Fee	Misc Charges	Total
Semester-I	30000	120000	10000	10000	170000
Semester-II	-	120000	10000	10000	140000
Semester-III	-	120000	10000	10000	140000
Semester-IV	-	120000	10000	10000	140000
Semester-V	-	120000	10000	10000	140000
Semester-VI	-	120000	10000	10000	140000
Semester-VII	-	140000	10000	10000	160000
Semester-VIII	-	140000	10000	10000	160000
Semester-IX	-	140000	10000	10000	160000
Semester-X	-	140000	10000	10000	160000
Complete Charges	30000	1280000	100000	100000	1510000

Doctor of Pharmacy (Pharm-D)

Semester	Admissions Fee	Tuition Fee	Exam Fee	Misc Charges	Total
Semester-I	30000	110000	10000	15000	165000
Semester-II	-	110000	10000	15000	135000
Semester-III	-	110000	10000	15000	135000
Semester-IV	-	110000	10000	15000	135000
Semester-V	-	110000	10000	15000	135000
Semester-VI	-	110000	10000	15000	135000
Semester-VII	-	110000	10000	15000	135000
Semester-VIII	-	110000	10000	15000	135000
Semester-IX	-	110000	10000	15000	135000
Semester-X	-	110000	10000	15000	135000
Complete Charges	30000	1100000	100000	150000	1380000

Doctor of Physical Therapy (DPT)

Semester	Admissions Fee	Tuition Fee	Exam Fee	Misc Charges	Total
Semester-I	30000	80000	5000	15000	130000
Semester-II	-	80000	5000	15000	100000
Semester-III	-	80000	5000	15000	100000
Semester-IV	-	80000	5000	15000	100000
Semester-V	-	80000	5000	15000	100000
Semester-VI	-	80000	5000	15000	100000
Semester-VII	-	80000	5000	15000	100000
Semester-VIII	-	80000	5000	15000	100000
Semester-IX	-	80000	5000	15000	100000
Semester-X	-	80000	5000	15000	100000
Complete Charges	30000	800000	50000	150000	1030000

BS Medical Lab Technology (MLT)

Semester	Admissions Fee	Tuition Fee	Exam Fee	Misc Charges	Total
Semester-I	30000	60000	5000	10000	105000
Semester-II	-	60000	5000	10000	75000
Semester-III	-	60000	5000	10000	75000
Semester-IV	-	60000	5000	10000	75000
Semester-V	-	60000	5000	10000	75000
Semester-VI	-	60000	5000	10000	75000
Semester-VII	-	60000	5000	10000	75000
Semester-VIII	-	60000	5000	10000	75000
Complete Charges	30000	480000	40000	80000	630000

BS Software Engineering

Semester	Admissions Fee	Tuition Fee	Total
Semester-I	30000	100000	130000
Semester-II	-	100000	100000
Semester-III	-	100000	100000
Semester-IV	-	100000	100000
Semester-V	-	100000	100000
Semester-VI	-	100000	100000
Semester-VII	-	100000	100000
Semester-VIII	-	100000	100000
Complete Charges	30000	800000	830000

BS Computer Science / BBA / BS Accounting & Finance

Semester	Admission Fee	Tuition Fee	Total
Semester-I	30000	90000	120000
Semester-II	-	90000	90000
Semester-III	-	90000	90000
Semester-IV	-	90000	90000
Semester-V	-	90000	90000
Semester-VI	-	90000	90000
Semester-VII	-	90000	90000
Semester-VIII	-	90000	90000
Complete Charges	30000	720000	750000

SCHOLARSHIPS

Need some help with your university tuition fees? CECOS University scholarships are designed to reward students who perform well in their studies.

You could be eligible for upto 90% of your tuition fees if successful. All students are welcome to apply, regardless of backgrounds or financial circumstances.

1. Limited merit based scholarships
CECOS offers merit based scholarship for the students who got good grades

- Students who scored 90% will get 100% scholarship
- Student who scored 80% will get 50% scholarship
- Student who scored 70% will get 25% scholarship

For Continuation of Scholarship for every next semester, the student will be required to maintain minimum 3.33 CGPA. In case the CGPA falls below 3.33, the scholarship will be cancelled for remaining subsequent semesters.

2. Worker welfare board scholarship
3. Need based scholarship
4. Female student will get 20% concession in fee
5. Kin-based concession to brothers and sisters studying at CECOS University.
6. Children of staff will get 40% concession in total fee



Visit our website for full details of our scholarships and how to apply:
www.cecocos.edu.pk/scholarships

BS Biotechnology / BS Microbiology

Semester	Admissions Fee	Tuition Fee	Total
Semester-I	30000	70000	100000
Semester-II	-	70000	70000
Semester-III	-	70000	70000
Semester-IV	-	70000	70000
Semester-V	-	70000	70000
Semester-VI	-	70000	70000
Semester-VII	-	70000	70000
Semester-VIII	-	70000	70000
Complete Charges	30000	560000	590000

Note: Students of BS Biotechnology who opt for final year research / wet lab project will be required to pay Rs.15000 as project fee

BS English

Semester	Admissions Fee	Tuition Fee	Exam Fee	Misc Charges	Total
Semester-I	30000	5000	5000	5000	90000
Semester-II	-	50000	5000	5000	60000
Semester-III	-	50000	5000	5000	60000
Semester-IV	-	50000	5000	5000	60000
Semester-V	-	50000	5000	5000	60000
Semester-VI	-	50000	5000	5000	60000
Semester-VII	-	50000	5000	5000	60000
Semester-VIII	-	50000	5000	5000	60000
Complete Charges	30000	400000	40000	40000	510000

BS Mathematics

Semester	Admissions Fee	Tuition Fee	Exam Fee	Misc Charges	Total
Semester-I	30000	40000	5000	5000	80000
Semester-II	-	40000	5000	5000	50000
Semester-III	-	40000	5000	5000	50000
Semester-IV	-	40000	5000	5000	50000
Semester-V	-	40000	5000	5000	50000
Semester-VI	-	40000	5000	5000	50000
Semester-VII	-	40000	5000	5000	50000
Semester-VIII	-	40000	5000	5000	50000
Complete Charges	30000	320000	40000	40000	430000

Summer Semester Fee

B.Sc Engineering / B. Architecture / Pharm-D / BSCS / BBA BS Software Engineering / BS Accounting & Finance / DPT	B.Sc Technology	BS Biotechnology / BS Microbiology BS MLT / BS English / BS Mathematics
12000 per subject	6000 per subject	8000 per subject

Hostel Fee

Admission Fee	Security (Refundable)	Rent	Mess Charges	Electricity Charges (For using Room Cooler)	Gas Charges (For using Room Heater)
5000 (once)	10000 (once)	*6500 (Per Month)	6500 (Per Month)	5000 (Per Room / Per Month)	5000 (Per Room / Per Month)

*6 Months advance Rent will be charged along with Semester Fee

Transport 5000 per month (4 Months advance Rent will be charged along with Semester Fee)

Note:

- 1- The fee structure is subject to change on inflationary basis / other reasons.
- 2- The fee structure is exclusive of levies and taxes.
- 3- Fine will be imposed on submission of fee after due date.
- 4- There will be separate fee structure (in US Dollars) for foreign nationals, for each degree programmes.

"Achieving the scholarships has increased my confidence which will boost me to do better in future".

Mehrose Fatima



"Since receiving my scholarships from CECOS I have been encouraged to have more confidence & motivation to continue my studies".
Sara Khan

TALENT HUNT SCHOLARSHIP



We are thrilled to announce the launch of the Talent Hunt Scholarship program, open to students across Pakistan. This prestigious scholarship aims to recognize and support exceptional individuals who exhibit outstanding academic achievements, talent, and potential in their chosen fields. A total of 20 seats will be awarded, providing an exclusive opportunity for deserving students to pursue their higher education aspirations. Our rigorous selection process ensures fairness and transparency, as we seek to identify the most deserving candidates from diverse backgrounds. We encourage all eligible students to apply and showcase their academic prowess, extracurricular involvement, and passion for learning. This initiative reflects our commitment to nurturing and empowering the future leaders of Pakistan.

No. Seats	Distribution
5	Women
5	All departments 100% scholarship
10	All departments 50% scholarship

Eligibility Criteria:

- The student must have achieved a minimum aggregate score of 60% in their Higher Secondary School Certificate (HSSC) or an equivalent qualification recognized by the scholarship program.
- The student must successfully pass a comprehensive scholarship test administered by the scholarship program. To be eligible, the student must achieve a minimum score of 80% on the test.
- The scholarship test is open to students pursuing higher education, including undergraduate
- The scholarship program does not prioritize students based on financial need. It is open to all eligible students regardless of their financial background.

Continuation of the Scholarship:

For Continuation of Scholarship for every next semester, the student will be required to maintain minimum 3.33 CGPA. In case the CGPA falls below 3.33, the scholarship will be cancelled for remaining subsequent semesters.

RULES & REGULATIONS

1. GENERAL

Admission to any program in this University shall be made strictly on merit and will be equally open to both sexes. The University, however, reserves its right to devise quotas and preferences when circumstances require such action.

2. HOW TO APPLY

Candidates desirous for admission in CECOS University can apply online from anywhere, through the online form available at the University website www.apply.cecos.edu.pk or can obtain the University Prospectus and Admission form from the Main Campus of the University.

3. ELIGIBILITY

3.1 Admission shall be open to the candidates who fulfill the minimum eligibility criteria for the relevant program.

3.2 A candidate having passed any other examination of a Foreign University / Institution / Examination body, with both standard as well as scope wise equivalent to the Higher Secondary School Certificate will have to produce equivalence and conversion of marks certificate issued by the Inter Board Committee of Chairmen (IBCC), Government of Pakistan, Ministry of Education, with the application form.

3.3 A candidate who has passed Diploma of Associate Engineer Examination shall be eligible for admission in the relevant discipline only against the specified reserved seats, if any.

3.4 The eligibility so prescribed shall always remain subservient to the requirements so laid by the relevant accreditation body.

3.5 Apart from the aforementioned criteria, the desiring candidate may also be subjected to any pre-admission test, taken directly or through any third party testing service, as prescribed by relevant accreditation body.

3.6 The University reserves the right to refuse admission, even in case a student fulfils all the requirements / eligibility, without disclosing any reason.

4. ENTRY TEST

All the eligible candidates applying for admission to B.Sc. Engineering programs will have to qualify the Entry Test conducted by Education Testing & Evaluation Authority (ETEA), Government of Khyber Pakhtunkhwa. The candidates applying from other provinces (other than KPK) will have to qualify the Centralized Entry Test of their respective provinces, as prescribed by Pakistan Engineering Council. The candidates applying for admission in other program will have to qualify the Entry Test Conducted by CECOS University.

5. DETERMINATION OF MERIT

The merit of the candidates will be determined according to the following weightage:

- | | |
|---|-----------------------------|
| a) 10% weightage to S.S.C. Examination (Matric) | SSC % marks x 0.1 |
| b) 40% weightage to Intermediate or equivalent examination (unadjusted marks) | Intermediate % marks x 0.4 |
| c) 50% weightage to Entrance Test | Entrance Test % marks x 0.5 |

6. ADMISSION REQUIREMENTS AND PROCESS

6.1 All the eligibility criteria shall always remain subject to the relevant accrediting / registering body.

6.2 Cases of doubtful or undefined equivalence of any academic qualification, may be considered by the University Equivalence Committee. If deemed necessary, the Committee may also consult other organizations/ authorities of Pakistan that deal with the subject and determine equivalence of foreign Degrees and Certificates.

6.3 Candidates selected for admission shall produce the following documents in original along with one set photocopy for verification at the time of applying / admission:

- DMC and Certificate of SSC or equivalent examination.
- DMC and Certificate of Intermediate or equivalent examination.
- Character certificate from most recently attended institution.
- An equivalence certificate or letter from IBCC in case of O/A Level or foreign education.
- CNIC or Form "B" of the applicant and CNIC of his/her father
- Three recent passport size photographs of applicant.
- Undertaking on a Non-Judicial Stamp Paper worth Rs. 100/- minimum, duly attested by the oath commissioner as per prescribed format.
- Permission and Leave Certificate from the employer in case the applicant is employed anywhere.

6.4 After declaration of results of Entry Test, Admission Committee shall consider all valid applications received for admission by the due date. The Admission Committee will process the applications according to the criteria of admission and availability of seats.

6.5 Candidates provisionally selected by the Admission Committee may be called for interview / admission on a specified date. The selected candidates shall be required to deposit the University dues and complete the admission formalities including the filling of the prescribed class enrolment form by a specified date failing which his / her right for admission shall be forfeited and the seat(s) so vacated shall be filled in from the candidate(s) on waiting list.

6.6 The admissions will be provisional and shall not mean any commitment or entail any legal liability till all the documents have been checked for their correctness by the quarters concerned and the admission is otherwise confirmed by the admission committee in writing.

6.7 If any seat remains vacant in a discipline after the specified date, it will be filled up within thirty days of the commencement of classes by adjustment in the merit list strictly according to the choice(s) given in the admission form.

6.8 If a seat becomes available due to cancellation of admission after commencement of classes, it may be filled up by adjustment from among the students already admitted in the University; provided that no such adjustment may be allowed after thirty days of the commencement of the classes.

6.9 Within thirty days of the last date of admission, particulars of candidates such as Name, Parentage (as per SSC), Domicile, Date of birth, Examination passed and the course to which the candidate has been admitted shall be reported to the Controller of Examinations for entry in the Students Register and issuance of Registration number.

6.10 Documents once submitted with application form cannot be changed and shall be considered as final. All the documents shall be verified from the concerned Boards/ Institutions, if desired by the CECOS University.

6.11 The Merit / Selection list will be displayed on the University Notice Board and the website of the University and it will be responsibility of individual candidate to check his status and meet the admission deadlines.

6.12 University Authorities reserve the right to make amendments in Admission Regulations at any stage. As a result of inadvertent mistake on the part of admission office shall not confer any right of admission of the candidate.

6. ADMISSION REQUIREMENTS AND PROCESS (cont...)

- 6.13 University reserves right to cancel any admission without assigning any reason at any stage.
- 6.14 The University may also cancel admission so granted to a student in case his documents / particulars are found fake / false or due to change in eligibility criteria retrospective or prospectively. In such an eventuality, the student shall have no vested right due to his time, efforts consumed and fee deposited.
- 6.15 Admission of any student is liable to be cancelled if his / her conduct at any stage is found unsatisfactory.
- 6.16 Students admitted in any program shall not be allowed to participate in any political or union activities.
- 6.17 The facility of hostel accommodation and transport to students shall be subject to availability of seats.
- 6.18 If any of the particulars given by the candidate in his/her application for admission are 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, the admission shall be cancelled and he/she shall be expelled from the University and shall be liable to any other disciplinary or legal action, the Management may deem fit. A student shall be expelled from the University, if during the course of his/her studies, it is found that he/she was not entitled to admission in the University. Further, the fees and other user charges deposited by him/her shall stand forfeited. In such an eventuality, the student shall have no vested right due to his time, efforts consumed and fee deposited.
- 6.19 A candidate who is already a bonafide full time student in some other institution is ineligible to apply for admission in the University. If such case is detected his / her admission in the University shall be cancelled. The HEC criteria for dual degrees will be followed in letter & spirit.
- 6.20 A candidate convicted by a Court of Law on the grounds of moral turpitude or awarded Sentence in Jail, is ineligible for admission.

7. RE-ADMISSION

- 7.1 If a student on rolls of the University remains absent from classes continuously for a period of 5 weeks, his/her name shall be struck off the rolls of the university by the Head of concerned Department, with the prior approval of the Competent Authority. Such a dropped student may be re-admitted in the same semester as and when it is offered next time, if the authorities are satisfied that the absence was not willful and was due to circumstances beyond human control.
- 7.2 Re-admission shall not be allowed if the time gap between leaving and re-admission is more than one academic years.
- 7.3 A student who has obtained Migration Certificate from CECOS University but has not secured admission in another University may be readmitted to CECOS University if allowed by the Vice Chancellor provided his / her absence does not exceed 15 days and he/she surrenders the Migration Certificate issued to him / her.
- 7.4 Re-admission shall be allowed subject to payment of prescribed fee.

8. TRANSFER OF CREDIT HOURS

8.1 Transfer of Credits from other Universities / Institutions

- a) The President / Vice Chancellor may admit a student to the University by credit transfer from other Universities or Institutions upon the recommendations of the Credit Transfer Committee of the University.
- b) Credit transfer shall not be allowed ordinarily after expiry of two (2) weeks from the commencement of the classes (semester).
- c) Credit transfer application will only be entertained on the prescribed application form available at the Admission Office on payment along with relevant documents mentioned on the form.
- d) The request for credit transfer will be sent to relevant Head of Department for course evaluation and provision for admitting student. After initial evaluation, if candidate fulfill the minimum requirements for migration, the HoD will send the case to the Convener of Credit Transfer Committee which will consider the case in a formal meeting and will send its final recommendations to the Registrar for getting approval from the President of CECOS University through Vice Chancellor. Upon Approval, the Registrar office will issue notification of credit transfer of student to CECOS University in the relevant degree program.
- e) Credit transfer shall only be allowed provided the student seeking credit transfer to CECOS University is still on the rolls of parent University / college / institute.
- f) No student shall be allowed credit transfer from a University or Institution in Pakistan unless he / she produces a certificate of good moral character and a certificate to the effect that the student has neither been debarred from taking University examination nor suspended, expelled or rusticated from the university/college/institution from which he / she intends to transfer credits and that no disciplinary action is pending against him / her.
- g) Students from a Chartered University / Degree Awarding Institution, recognized by Higher Education Commission and accredited by the respective regulatory bodies can only be considered for credit transfer to the concerned degree program of CECOS University.
- h) Credits will be transferred on course to course basis i.e. a person taking course A at University X is allowed to transfer his/her credits to CECOS University provided that course A is equivalent to course B taught at the CECOS University.
- i) The credit will be transferred if the Head of the Department concerned is agreeable to accept the applicant considering physical facilities in the department and the evaluation of academic record. Contents of each Course of the parent University must match 75% contents of corresponding course of this University.
- j) Only Public sector and centralized entry tests of university will be acceptable for credit transfer cases.
- k) For Foreign University Transfer Students, only those cases will be entertained which are listed by the HEC/Accreditation Bodies for the relevant discipline/program.
- l) Promotion to every next semester will be subject to fulfillment of promotion condition of minimum required GPA / CGPA and total 'F' grades.
- m) A transferring student must have a regular admission at CECOS University and should earn a minimum of 60 credit hours out of a total of 130-140 credit hours from CECOS University for award of degree. A student seeking transfer of credits in undergraduate Engineering Programs must possess credits of the relevant accredited program and transfer credit shall not exceed 50% of program total credits required.

n) To meet minimum eligibility criteria for credit transfer, the student must have passed his/her previous semesters at his Parent University with minimum 2.00 CGPA. Upto four backlog courses with a maximum of two "F" grades will be allowed in comparison with the course curriculum of CECOS University. The passed courses with a minimum "C" Grade will only be transferred which correspond to courses offered by CECOS University or equivalent in depth and intensity.

o) An application for admission on credit transfer basis shall be accompanied by Detailed Syllabi and Detailed Marks Certificate showing the examinations passed in the preceding semesters and Intermediate/Graduation examination on the basis of which he / she secured original admission in the parent University or Degree Awarding Institute.

p) The deficient subjects of that class/ semester must be notified as his/her backlog, which he / she must pass along with the later classes / semesters. Additional tuition fee will be payable for the deficient subjects / courses in which he / she actually attends the classes.

q) Upon credit transfer to CECOS University, the student will be exempted from studying those courses which S/he has passed in advance from his/her Parent University/Institution provided that such courses correspond to courses offered by CECOS University or equivalent in depth and intensity

r) CECOS authorities reserve the right to reject cases without assigning any reason.

s) Upon credit transfer, the transferring student shall be bound by all the rules and regulations of the University and shall submit the undertaking(s) otherwise given by the ordinarily admitted students. The admission will be allowed on the production of all relevant documents including enrolment date certificate at parent institution, original Transcript and migration certificate and all other relevant documents.

8.2 Credit Transfer to other Universities / Institutions

a) A student desiring to leave CECOS University in order to join another University or Institution shall apply to the Head of the respective Department on the prescribed form and will deposit the prescribed fee.

b) No NOC / Migration Certificate shall be issued for credit transfer unless the student has cleared all the University dues including full fee of the running semester. Running semester fee will be due after completion of first week of that semester.

c) In case of a student who has been debarred from taking University Examination or has been expelled or rusticated, from the University, no Migration certificate shall be allowed as long as the punishment is in force.

d) A student who has obtained Migration Certificate for credit transfer from CECOS University but has not secured admission in another University may be readmitted to CECOS University if allowed by the Vice Chancellor provided his / her absence does not exceed 15 days and he/she surrenders the Migration Certificate issued to him / her.

9. REFUND POLICY

9.1 Admission Fee paid by the student at the time of admission will not be refundable.

9.2 The Tuition Fee refund policy of the University is as under:

%age of Tuition Fee	Timeline
Full (100%) Tuition Fee Refund	Up to 7 th day of convene of classes
Half (50%) Tuition Fee Refund	From 8 th to 15 th day of convene of classes
No Fee (0%) Refund	From 16 th day of convening of classes

10. SPECIAL PROVISIONS

10.1 Interpretation of these Rules by the authorized officers of the University shall be final. In all cases where these regulations are silent, the decision of the President / Board of Governors of the University shall apply.

10.2 The University /Institution authorities reserve the right to make any change in the existing Statutes, Regulations, Rules and Courses of study that may be considered necessary at any time without prior notice.

10.3 Those candidates, who are employed in some organizations, must produce a permission letter from the employer at the time of their admission, clearly affirming that they shall be on leave from duty, for the daily study hours (6 hrs/day, 6 days/week) during the full duration of the course.

10.4 The Rules and Regulations pertaining to admission, promotions, maintenance of discipline etc. contained in the University Prospectus shall apply to all the students admitted during the session. However, any change / alteration, if deemed necessary shall be made by the University authorities and will be applicable from the date the Management so desires.

10.5 A student will cease to be a regular student as soon as the final semester examination immediately following the academic session, in which he/she was a regular student, concludes. Such a student shall not be entitled to privileges permissible to regular students. The improvement of grade(s) shall only be allowed before issuance of final transcript and within maximum duration of the relevant programme.

10.6 The students are required to be aware of the rules and regulations mentioned in the University Prospectus and notified from time to time. Ignorance of the rules and regulations shall not be an excuse for claiming any relaxation in this regard.

10.7 In case of any litigation, the cost thereto shall always be borne by the student who shall make out the same as his dues towards University.

10.8 The University assumes no responsibility what so ever if any loss of life is occurred or the student(s) get(s) harmed or injured during the course of studies in the University premises, hostel(s), survey camp or on the study / excursion tours.

11. FEE CONCESSION POLICY

11.1 50% concession in Tuition Fee to the employees of CECOS University and its Constituent Institutions / Colleges (who have completed the probation period) in courses of studies offered under the evening/weekend programs (only one course).

11.2 40% concession in Tuition Fee to sons / daughters of the Full Time Regular (who has completed the probation period) employees of the University (only one at one time).

11.3 20% concession in Tuition Fee to real brothers / sisters of the Full Time Regular (who has completed the probation period) employees of the University (only one at one time), on case to case basis.

11.4 30% Tuition Fee concession to students securing 1st, 2nd & 3rd position in BISE / BTE / University examinations (on overall result basis).

11.5 20% Tuition Fee concession to all female students.

11.6 20% Tuition Fee concession to kinship (brother / sister concession).

11.7 15 % Tuition Fee concession to the Sons / Daughters of Armed Forces personnel (including retired personnel).

12. MERIT AND NEED BASED SCHOLARSHIP

12.1 The University need based scholarships are available to all those students who may not be able to support themselves due to financial problems. The University Financial Assistance Committee is constituted to deal with all such cases and based on the recommendations of committee students are given possible financial relief.

12.2 Limited merit based scholarships are available on the basis of Intermediate marks of the candidates. Such scholarships are given on first come first serve basis and are subject to availability of seats. The candidates selected on Intermediate marks based merit scholarship will have to maintain minimum 3.33 CGPA for continuation of scholarship in every next semester. In case the CGPA falls below 3.33 in any semester, the scholarship will be cancelled for subsequent semesters.

Note: A student can avail only one of the above mentioned concessions/scholarships at a time.

EXAMINATION RULES AND REGULATIONS

1. STANDARDIZED FORMAT OF SCHEME OF STUDIES

Degree Program	Minimum Duration	Maximum Duration	Minimum Credit Hours
B.Sc Engineering	4 Years	7 Years	133
B.Sc Engineering Technology	4 Years	7 Years	130
BS Computer Science/BS Software Engineering / BBA / BS Accounting and Finance	4 Years	7 Years	130
BS Biotechnology/BS Microbiology / BS Medical Lab Technology	4 Years	7 Years	130
BS English / BS Mathematics	4 Years	7 Years	130
Bachelor of Architecture	5 Years	8 Years	174
Doctor of Pharmacy	5 Years	8 Years	198
Doctor of Physical Therapy	5 Years	8 Years	160
Semester Duration	16 - 18 Weeks (including examination)		
Number of Regular semester	2 in one Calendar year		
Number of Summer Session	1 in one Calendar year		
Course Load per Semester	15-18 Credit Hours		

2. MEDIUM OF INSTRUCTIONS

2.1 The medium of instruction and examination shall be English except Islamiyat and Pakistan Studies.

2.2 Courses of studies are subject to changes and modifications by the relevant bodies of the University in the light of the guidelines of Higher Education Commission and relevant accreditation bodies.

3. CREDIT HOURS

3.1 A credit hour means teaching/earning a theory course for one hour each week throughout the semester.

3.2 One credit hour in laboratory or practical work/project would require lab contact of three hours per week throughout the semester.

4. COURSE LAYOUT

4.1 All undergraduate degree programs will be composed of minimum 130 credit hours. The minimum credit hours for 5-year degree program will be 160. The minimum and maximum credit hours are subject to meeting the requirements of the respective Accreditation Councils.

4.2 In undergraduate degree programs, major courses will be classified into two categories

- Foundation or core courses
- Elective (courses from area of specialization/major study)

4.3 78-87 credit hours must be earned taking a sequence of introductory, intermediate and advanced level courses prescribed for the major area of concentration that means foundation and electives (courses of area of specialization). The courses for Social and Basic Sciences disciplines will consist of 60-65% of curriculum towards the discipline specific areas. For Engineering/Technology Programs, these will consist of 65-70% of curriculum towards the discipline specific areas of concentration as required by Accreditation Councils. All Undergraduate programs have a required component of 8-9 courses of 22-25 credit of General Education.

4.4 Theory: A theory course will consist of 03 to 04 credit hours as per requirement of discipline.

Course	Duration of Classes
Theory Course of 03 Credit Hours	3 classes of 01 hour per week or 2 classes of 1.5 hour per week or 1 class of 03 hours class per week
Practical (Lab)Work/Field Work of 01 Credit Hours	03 hours per week

4.5 An Undergraduate Degree Program will usually include theory courses, community work/thesis/research report/project/internship.

4.6 Project: Every student should write a project report/thesis/research report/project/ internship in the final year up to maximum of 06 credit hours individually on a research topic approved by Faculty.

4.7 Internship: Students should be encouraged to do internship in a relevant academic, research or business organization relating to the discipline chosen for specialization of maximum of 3 credit hours offered in any upper division semester/summer semester as per requirement of the discipline.

5. FALL/SPRING SEMESTER

There will be two regular semesters (Fall and Spring) in an academic year. Fall/Spring semesters will spread over 16-18 weeks (inclusive of 1 – 2 weeks for exams).

6. SUMMER SEMESTER

6.1 Summer semester will be offered as an optional semester of 08-09 weeks duration. Students will be offered courses to remove deficiencies and can enroll in up to a maximum of three courses (10 credit hours) during summer semester.

6.2 A student who has either failed or has been stopped to take the examination due to shortage of class attendance or wishes to improve his/her grade will be allowed to register in summer.

6.3 The contact hours per week during the Summer Semester will be doubled to ensure that the course is completely taught in a summer session within half of the duration as compared to a regular (Fall/Spring) semester.

6.4 To offer a course in Summer Semester, the minimum number of students should be 5.

6.5 No "A" grade shall be given in Summer Semester. "C+" grade will be used as Class Mean.

7. COURSE LOAD FOR FALL AND SPRING SEMESTERS

7.1 An undergraduate program of instruction generally includes a 15-18 credit hours course load, except PharmD program that ranges 18-22 credit hours, in a regular semester. The required course load for a full time undergraduate is minimum of 15 credit hours per semester.

7.2 In case any student wishes to enroll for one more course beyond 18 credit hours s/he may be allowed by institution in either of the two cases:

7.2.1 If his/her CGPA is above 3.5 and

7.2.2 If the student needs the course to graduate on time

7.3 A student under probation or conditionally promoted (see para-22) shall not be allowed to take more than 15 credit hours. However, in case of PharmD program, a course of minimum 3 credit hours will be dropped from the student(s) who is/are on probation or conditionally promoted as their credit hours vary from 18-22. Furthermore, no student will be offered a Lab course if a theory of same course is dropped from the student. Fee at prescribed rate will be charge in repeat / summer semester for the course(s) which are dropped from the student(s) due to probation.

7.4 The Head of the Department may allow a course load of one credit hour above the maximum limit allowed to a student in a semester if by doing so the student can graduate in that very semester or to a student of Final Year if by doing so the student can graduate with their batch.

7.5 Students will only be allowed to take repeat courses in regular semester if they are in Final year of their degree Program or those who are Relegated Students / Migrated Students, provided that total number of credit hours in one semester must not exceed. No additional fee will be charged for repeating courses in regular semester except from relegated and migrated students.

8 ACADEMIC CALENDAR

8.1 The University will publish an Academic Calendar including schedule of its whole academic year (including Fall and Spring semesters) which will include the following information:

8.1.1 Semester starting date.

8.1.2 Holidays during the semester.

8.1.3 Mid-Term exam week

8.1.4 Last day of classes

8.1.5 Final exam week.

8.1.6 Date of grades announcement by faculty

8.1.7 Date of final grades announcement by Controller of Examinations

8.1.8 Semester break

8.2 In case the university is closed due to unusual circumstances, then special makeup classes must be arranged converting weekends or holidays to working days to cover the lapsed period of the students.

9 ENROLLMENT/REGISTRATION / WITHDRAWAL OF COURSES

9.1 A student must register for all courses in the semester within 7 days of the commencement of the semester.

9.2 Students, with the consent of the concerned Dean / Head of Department, may be allowed to:

9.2.1 Add/change a course within 14 days of the commencement of semester.

9.2.2 Drop a course within 4 weeks of the commencement of semester.

(No Summer / Repeat Fee will be charged for those courses which are dropped by students within 4 weeks of the regular semester. However, this exemption will be for their first attempt of dropped course(s).

9.3 Students may withdraw from one or more courses upto 6th week of Semester with the approval of the Head of respective department. Approval of the withdrawal shall be notified by the concerned HoD and sent to the Controller of Examinations immediately. In case of withdrawal of the course (s), no fee shall be refunded. Fee at prescribed rate will be charged for repeating the courses withdrawn.

9.4 In case of withdrawal, grade W will be awarded to the student which shall have no impact on the calculation of the CGPA of the student.

9.5 A student can withdraw upto maximum of seven (7) courses at a time throughout his/her degree program.

9.6 Those students who withdraw all courses in a semester at one time shall be liable to repeat the same semester to become eligible for promotion to the next semester.

9.7 A student withdrawing after the 6th week shall be automatically awarded "F" grade which shall count in the GPA and stay on the transcript.

10 REPEATING COURSES / IMPROVEMENT OF CGPA

10.1 If a student gets 'F' grade, s/he will be required to repeat the course or its recommended alternate, if any. However, "F" grade obtained earlier will also be recorded on the transcript.

10.2 Students may be allowed to repeat a course in which s/he has obtained grade below "C". In such a case both the previous and new grade obtained will be recorded on the transcript, however, only the better grade shall be used in the calculation of CGPA.

10.3 In case of CGPA improvement, it would be recorded with (Imp) on the transcript.

11 ATTENDANCE

11.1 A student must have attended at least 75% of the classes held in a course in order to be allowed to sit in the final examination.

11.2 Student having class attendance less than 75% in a particular course will be required to repeat the course when offered again.

11.3 Absence from classes for a period of three weeks at a stretch during a regular semester and two weeks in summer semester will put the student on Attendance Probation. The instructor may report a student's absences to his/her dean/HOD and it will be notified to the student by the concerned department.

11.4 Absence from classes for a period of five weeks at a stretch during a regular semester and three weeks in summer semester shall result in automatic cancellation of the registration of a student from all courses in that semester.

11.5 Only actual attendance in classes shall be considered in calculating the shortage of attendance and no concession in the attendance requirements shall be given on the basis of leave applications including leave on medical grounds. The attendance shall be rounded upto two decimal places only.

11.6 There shall be no makeup classes in order to make up the shortage of attendance of any particular student.

12 EXAMINATION

12.1 In each semester, students may be required to appear in quizzes, tests, midterm, final examination, presentations (individual/group), group discussion, and submit projects/assignments/lab reports etc. These assessment marks will have different weightage contributing towards the overall assessment in aggregate percent marks. This weightage for aggregate percent marks may be determined on the basis of following guidelines:

Course (Theory)		Course (Lab)	
Nature of Examination	Weightage	Nature of Examination	Weightage
Quizzes / Assignments / Presentations / Projects	25%	Lab work (includes lab assessment, attendance, quizzes and assignments)	30%
Tests/mid semester exam	25%	Mini Project	20%
Final Exam	50%	Lab Exam	50%

The distribution of Sessional Marks (Quizzes / Assignments / Presentations) will be as under:

- a) 4 Assignments per subject (3rd, 6th, 10th and 13th week) 10 marks
- b) 4 Quizzes per subject (4th, 7th, 11th and 14th week) 10 marks
- c) One Presentation per subject (15th or 16th week) 05 marks

12.2 A student will be considered as Pass or Fail in Theory or Lab course, separately.

12.3 There will be no supplementary / special exam in semester system.; if a student fails any course he/she will have to repeat that course or an equivalent course, if the failed course is not offered by the University.

12.4 In case of any litigation pending, involving the student and university in respect of any dispute regarding eligibility to appear in any examination or affecting the student(s)' performance in the examination, the university shall have a right to postpone the result of such examination in respect of the student concerned and would declare such result only upon the final settlement of the dispute if other rules and regulations allow such settlement.

12.5 In case a student is allowed to attend classes or sit in any examination provisionally / as an interim measure by the order of any judicial or other authority, including a court of law, university shall have the right to postpone the declaration of his / her result pending final determination of the dispute where for the proceedings were initiated and such provisional / interim steps were ordered. In case the determination is to the effect that the student was not eligible to take such examination, the university shall have the further right to cancel the examination(s)/paper(s) provisionally taken under the interim order(s).

13 GRADING POLICY

13.1 RELATIVE GRADING

13.1.1 If number of students in a course are 20 or more, then Relative Grading System will be implemented.

13.1.2 For relative grading the grades shall be determined as below:

- a) The aggregate marks of each student registered in the course shall be rounded up to two decimals places and the Mean and Standard Deviation of the aggregate marks in the course will be used to determine the distribution of grades.
- b) Obtaining 35 aggregate marks (50 in case of Pharm-D) in a course will be a minimum requirement for passing a course.

13.1.3 Letter grading shall only be used for representing the individual courses and not for the semester GPA or CGPA. The following grade points for each letter grade will be used:

Relative Grading Table:

Grade point	Letter Grade
4.00	A
3.67	A-
3.33	B+
3.00	B
2.67	B-
2.33	C+
2.00	C
1.67	C- (Below Average)
1.33	D+
1.00	D (Minimum Acceptable)
0.00	F (Failure)
--	W (Withdrawn)

13.2 ABSOLUTE GRADING

13.2.1 If number of students in a course is less than 20, then Absolute Grading System will be implemented.

13.2.2 The aggregate marks of each student registered in the course shall be rounded up to two decimals places and grades will be assigned to students on the basis of aggregate marks of each student as per the grading table given below:

Absolute Grading Table

Aggregate %age marks obtained	Grade point	Letter Grade
84.50 and above	4.00	A
79.50 – 84.49	3.67	A-
74.50 – 79.49	3.33	B+
70.50 – 74.49	3.00	B
67.50 – 70.49	2.67	B-
63.50 – 67.49	2.33	C+
60.50 – 63.49	2.00	C
57.50 – 60.49	1.67	C- (Below Average)
53.50 – 57.49	1.33	D+
49.50 – 53.49	1.00	D (Minimum Acceptable)
Below 49.50	0.00	F (Failure)
--	--	W (Withdrawn)

13.3 There shall be no other grade point values except the above points. The percentage of marks or value of grades other than grade points shall not be reported on the transcripts whether they are relative grades or absolute grades.

13.4 Grade point average (GPA) shall be calculated and rounded upto two decimal places. In case of close competition between / amongst students for merit position, the third fraction will be calculated.

13.5 Absolute grading system will be used for Final Year Project. In case the project is split into two semesters, separate grades will be assigned to each part based on the work carried out in that semester.

14 COMPUTATION OF SEMESTER GRADE POINT AVERAGE (GPA) AND CUMULATIVE GRADE POINT AVERAGE (CGPA)

14.1 This is a figure ranging preferably from 0.00 to 4.00 be used to indicate the performance of a student in the semester concerned. A standard scale of 0.00 to 4.00 will be followed.

14.2 Semester Grade Point Average (GPA) and Cumulative Grade Point Averages (CGPAs) will be calculated using the following relationships:

$$\text{GPA} = \frac{\text{Sum over all courses in a Semester (Course Credit Hours x Grade Point Earned)}}{\text{Total Semester Credit Hours}}$$

$$\text{CGPA} = \frac{\text{Sum over all taken courses in all Semesters (Course Credit Hours x Grade Point Earned)}}{\text{Total Credit Hours taken in all Semester}}$$

15. CGPA REQUIRED FOR THE COMPLETION OF DEGREE

15.1 For completion of the degree, the minimum qualifying CGPA will be 2.00.

15.2 In case a student secures less than 2.00 CGPA (minimum qualifying CGPA) at the end of final Semester, s/he may be allowed to get re-admission in one or more courses, in which his/her Grade is below C, along with the forthcoming semester, provided that s/he is not debarred under the CGPA Improvement Regulation and time duration specified for the program.

16. STUDENT GRIEVANCES

16.1 A Grievance Committee headed by Director Welfare will be constituted to redress the grievances of the student(s) related to academic matters, assessment, victimization, conduct of examination or any other grievances which may be determined by the competent authority and that have not been resolved at the departmental / faculty levels.

16.2 A student must submit the grievance application if any, in writing/electronically to the Head of the Department within (15) fifteen working days. The HoD will then analyze the complaint and would try to address it at the departmental level. If, however, the grievance cannot be addressed at the departmental level then it will be forwarded to the respective Dean. The respective Dean will then determine if the complaint should be assigned to the Student Grievance Committee (SGC) for adjudication. If the Dean assigns the case to the SGC, then the Chair will call a meeting of the Committee as soon as possible.

16.3 If the SGC decides that the evidence submitted warrants a detailed investigation and/or formal hearing, the Convener SGC will take up the grievances as per University SGC process.

17. CANCELLATION OF ENROLMENT

If a student fails to attend any lecture during the first four weeks after the commencement of the semester as per announced schedule, his/her admission shall stand cancelled automatically without any notification.

18. COURSE FILE

Maintaining the Course File will compulsory for all faculty members. It should have complete record of every activity that happens during the course. The course file should contain:

- Course Code and Title
- Description of Course Learning Outcomes
- Course syllabus and changes, if any, made over at least 3 semesters
- Weekly Teaching Schedule
- Dates of Mid-Semester Examination
- Grading Policy will identify each activity. such as Homework, Quizzes, Mid Semester Examination, Final Examination and Term Papers etc.
- Copy of each Homework Assignment
- Copy of each Quiz Assigned
- Copy of Question Papers for Mid Semester Examination
- Copy of Question Papers for Final/Semester End Examination
- Grading Sheets of the Course, Detailing Statistical Data on the Grades obtained by Students
- Difficulties/Problems faced by the Teacher

19. FREEZING OF SEMESTER

19.1 If a student freezes a semester(s), s/he will resume his/her studies from the same stage where s/he left (froze). Application for freezing a semester must be submitted to the HoD before the commencement of semester. No freezing during the semester will be allowed. The maximum duration of the degree program shall remain the same.

19.2 If a student is not enrolled in any course in a semester, s/he will not be considered a regular student of university in that period. The student may then enroll in these courses in a subsequent semester; however, s/he will have to meet pre-requisites of any course taken. In addition, it is understood that the university is not required to offer all courses in each semester.

19.3 In special hardship cases, a student can be allowed to freeze his/her semester upto 4th week with the prior permission of the Vice Chancellor.

19.4 The duration of Freezing is one year; a candidate who gets a semester freeze can get readmission next year with upcoming session but hardship cases can be considered by the competent authority only.

19.5 Freezing of first two semesters is not allowed.

19.6 Under special hardship circumstances freezing of second semester can be considered by the competent authority on the recommendations of a special committee. Such circumstances include:

- a) Iddat
- b) Maternity/Delivery
- c) Death in the immediate family
- d) Any other reason subject to acceptance on justified rationale

Note: Freezing of Semester will only be allowed after successful completion of 1st Semester as prerequisite as the case may be for other semester's predecessor to the freezing Semester.

20. MEDICAL CERTIFICATE

Medical certificate from a registered medical practitioner shall be considered on case to case basis through the recommendation of committee.

21. INDISCIPLINE IN EXAMINATIONS

21.1 The case of candidate(s) accused of following matters will be referred to Unfair Means Committee of the University:

- a) Removes a leaf from his/her answer book. (The answer book shall be cancelled).
- b) Submits forged or fake documents in connection with the examination.
- c) Commits impersonation in the examination.
- d) Copies from any paper, book or notes.
- e) Mutilates the Answer Book.
- f) Possesses any kind of material, which may be helpful to him/her in the examination.
- g) Does anything that is immoral or illegal in connection with the examination and which may be helpful to him/her in the examination.
- h) Refuses to obey the invigilation staff or refuses to follow the instructions issued by the University in connection with the examination.
- i) Misbehaves or creates any kind of disturbance in or around the examination centre
- j) Uses abusive or obscene language on the answer script.
- k) Possesses any kind of weapon in or around examination centre.
- l) Possesses any kind of electronic device which may be helpful in the examination

21.2 His/her case shall result in penalties keeping in view the nature and intensity of offence which may include the following:

- a) Cancellation of paper.
- b) Suspension from program for one semester.
- c) Heavy and light Fine
- d) Expulsion forever from the University.
- e) Any other.

21.3 Appeal against the decision of the Unfair Means Committee

- a) The aggrieved student can file an appeal to the Appellate Committee against the punishment awarded by the Unfair Means Committee within one week on payment of Rs. 1000/- (rupees one thousand only) as appeal fee. The Appellate Committee can review the decision of the Unfair Means Committee.
- b) The student, if not satisfied with the review decision of the Appellate Committee can submit representation to the President within one week, whose decision shall be final.

22. PROBATION/CONDITIONAL PROMOTION / RELEGATION

22.1 Probation / conditional promotion is a status granted to the student whose academic performance falls below the following minimum standard:

- a) Students acquiring less than 2.00/4.00 CGPA in a semester will be put on probation for the next semester. Whereas, a student securing less than 2.00/4.00 SGPA in a semester will be conditionally promoted to the next semester.
- b) Students who remain on probation for a full academic year (Fall semester and Spring semester of the same academic year) and are unable to come out of probation even after the summer semester or those having 5 "F" grades in theory courses at any particular time during the course of studies will be Relegated. They will be considered external students till they improve their CGPA and come out of two consecutive probations / relegation. However, the condition of relegation will be relaxed for those students who are in a position where there will be no following batch with whom they should join after the improvement of their CGPA / becoming eligible for the next semester.

22.2 After improving the GPA and becoming eligible for next semester, Relegated students will be allowed re-admission as a regular student.

22.3 Relegation (two consecutive probations) will be only allowed twice during the 4 / 5 years' degree program.

22.4 No consecutive probations will be allowed in the first four semesters.

22.5 A student who is on probation 2nd time even after attending summer semester in first four semesters shall be removed from rolls of university. However, s/he can take re-admission only once during 4 / 5 years BS degree program.

22.6 The student(s) will be allowed to complete studies within the stated periods as prescribed by the relevant accreditation body.

22.7 However, the programs where the maximum duration is not prescribed by the relevant accreditation body, the student(s) will be allowed to complete his/her studies within 7 years for 4 years' degree programs and within 8 years for 5 years degree programs. The above duration will be inclusive of the period of relegation/freezing.

22.8 The student(s) who will not complete studies within stated periods shall be struck off from the rolls of the university.

23. PERMISSION OF WRITER FOR SPECIAL STUDENTS

23.1 A visually impaired student may be allowed to attempt the Mid/Final Examinations of the University on Braille/ Computer/any other means of facilitation.

23.2 In case a student is physically handicapped/visually impaired, s/he may apply to the Head of the respective department (with medical certificate as proof of her/his disability) for permission to engage a writer in Tests/ Examinations of the University two weeks before the start of Tests/ Examinations. S/he will be allowed 45 minutes (maximum) extra time to solve the question paper.

23.3 The qualification of the person who acts as writer of a handicapped student must be at least one step lower than that of the student. (e.g. for level 6 student, the writer should be at the most of level 5).

24 RECHECKING OF EXAMINATION SCRIPT

The answer book of a candidate shall not be re-assessed under any circumstances:

- a) Whereas the re-checking does not mean re-assessment/re-evaluation/re-marking of the answer book. The Controller of Examination will arrange for re-checking of examination script by any faculty member from the relevant discipline on the complaint/request of students. The Controller of Examination or any officer or rechecking committee appointed shall see that:

- i There is no computational mistake in the grand total on the title page of the answer book.
- ii The total of various parts of a question has been correctly made at the end of each question.
- iii All totals have been correctly brought forward on the title page of the answer book.
- iv No portion of any answer has been left un-marked.
- v Total marks in the answer book tally with the marks sheet.
- vi The hand-writing of the candidate tally in the questions/answer book.

- b) The candidate or anybody on his behalf has no right to see or examine the answer books for any purpose.
- c) The marks of a candidate could even decrease in light of (a) (iii) above. In the event of reduction of marks, the record shall be corrected accordingly and revised transcript will be issued.

25. DAMAGED/LOST ANSWER SCRIPT

In an exceptional case where an answering script is damaged, lost, or destroyed due to unavoidable circumstances, then the student may be given the following options:

- a) Average marks shall be awarded to the student in that subject/course.
- b) If the candidate so desires, s/he shall be given another chance as a special case to take the make-up assessment in that subject/course soon after the termination of the relevant exam wherein the answer script is damaged/lost.

26. ELIGIBILITY OF CANDIDATES FOR AWARD OF DISTINCTION

Candidates securing CGPA \geq 3.67 shall be declared to have passed the Degree Course with Distinction; provided that Distinction shall be awarded to such candidates only who have passed all the Examinations in first attempt, within four Academic years from the date of joining the First year class.

27. ELIGIBILITY OF CANDIDATES FOR AWARD OF DISTINCTION IN CASE OF MIGRATION FROM OTHER UNIVERSITIES:

- a) Students having been admitted on migration basis from other universities shall be required to pass the deficient subjects, if any, due to difference in the course of studies of the universities, in first attempt within the immediately following two examinations.
- b) Students otherwise eligible for the award of Distinction shall not be deprived of the same on account of Regulation 28.1(a); provided the candidates have passed the previous examination(s) in first attempt and also passed the remaining examination(s) in first attempt, and have passed the deficient subjects in one attempt as a whole.

28. ELIGIBILITY OF CANDIDATES FOR GOLD MEDAL

The gold medal shall be awarded to a graduate in each batch of all the disciplines who fulfills the following conditions:

- 28.1 Passed all the University Examinations in first attempt and completed all the requirements for award of degree within consecutive semesters after joining the first semester and within the minimum duration of the program.
- 28.2 Obtained first position amongst all the passed students.
- 28.3 Secured CGPA $>$ 3.67.
- 28.4 For determination of positions, CGPA shall be calculated and rounded up to two decimal places. In case of tie between/amongst students, the third decimal place will be considered. If the tie still exists even after considering the third decimal place in CGPA, the actual marks obtained by the students in the subjects shall be considered.
- 28.5 Completed Research Project/Internship within minimum duration of the program.
- 28.6 Any graduate who has been penalized by the University Discipline Committee/UFM Committee/Appellate Committee shall not be eligible for the award of Gold Medal.
- 28.7 One Gold Medal will be awarded to all the batches of the same course commenced within six months' duration.

28.8 There should be minimum five regular/active students in the last/final semester examination of the class for the award of gold medal to a student, if otherwise eligible.

28.9 Gold Medal will be awarded on the occasion of convocation only.

29. CHANGE/CORRECTION/ADDITION/DELETION OF STUDENT NAME/ FATHER'S NAME

29.1 When a student wishes to change his/her name as originally entered in the University record, he/she shall proceed as under:

- a) He/she shall apply to the Registrar Office through the Head of the Department concerned.
- b) He/she shall submit the revised SSC & HSSC documents.
- c) He/she shall submit the cutting of the newspaper containing the published notice of change of name in at least one Daily Newspaper.
- d) He/she shall support his/her application with an affidavit on a non-judicial stamp paper (not less than Rs. 50/-) duly sworn before Notary Public/Oath Commissioner by the Students himself/herself with signatures of the respectable witnesses thereon.

29.2 For change/correction of entries, the student may be required to furnish good cause together with necessary proofs/proceedings of the court of law, if any.

30. FINAL YEAR PROJECT ASSESSMENT

30.1 The procedure for the evaluation of Final Year Projects shall be as under:

- a) Panel of Examiners
A panel of Examiners consisting of the following members will be constituted by the Head of Department in 7th semester for project(s) evaluation.
 - i) Chairperson (Head of the Department) or his nominee
 - ii) Project Supervisor
 - iii) FYP Coordinator of the Department
 - iv) Two Faculty Members nominated by Head of the Department
 The quorum of the members of the Evaluation Committee shall not be less than 3 members for project assessment and the average of marks given by the Committee members shall be awarded to the student for activities as mentioned in the Distribution Criteria.

b) Marks distribution Criteria in 7th Semester
100 marks may be awarded to the student(s) for the first part of FYP in 7th semester (3 Credit Hours), as per the following criteria:
10% marks for initial Project Proposal (1st presentation) - 4th week
25% marks for Project Proposal Details & Defense (2nd presentation) - 8th week
45% marks for Progress of the project (3rd presentation) - 16th week
20% marks shall be awarded by the project supervisor based on work done between 4th and 16th week of the 7th semester

c) Marks distribution Criteria in 8th Semester
100 marks may be awarded to the student(s) for the first part of FYP in 8th semester (3 Credit Hours), as per the following criteria:
20% marks (4th presentation) - 8th week.
40% marks (Final presentation) 16th week.
20% marks shall be awarded by the project supervisor for the work done on the project between 8th and 16th week of the semester.
20% marks for the open house presentation (after Theory Examination).

30.2 The Student will submit thesis after final presentation after the approval of the Supervisor.

PART-II APPLICABLE TO BACHELOR OF ARCHITECTURE PROGRAM ONLY

31. SCHEME OF STUDIES

31.1 Course work for earning the degree in Architecture comprises of theory courses, studio courses and thesis design.

31.2 Each course offered at the University is allocated certain credit hours, describing the weekly amount of work required for that course. For theory courses, each credit hour means one hour of lecture per week, and for studio courses, each credit hour means two hours of practical studio work.

31.3 As a pre-requisite of the B. Architecture degree, each student shall carry out a thesis design in the final year of their studies, comprising of a written report and a complete Design project of appropriate level. Thesis Design will be offered in each semester of the final year and will be evaluated separately in each semester by the panel of jurors approved by the University authority who has been assigned such responsibilities/ powers.

32. DEGREE REQUIREMENTS

To earn a B. Architecture degree, a student must:

- Pass all the courses of study prescribed in the relevant Scheme of Studies.
- Obtain a minimum of 2.00 CGPA.
- Students must complete six weeks of internship during 3rd and 4th years with reputable architectural firms. The internship must be monitored and verified by the Department of Architecture and students shall submit the internship certificates as issued by the relevant architectural firm to the Department.

33. EXAMINATION

34.1 Each subject in the B. Architecture course has an overall weightage of 100% marks. A student shall be evaluated in each course on the basis of assignments, presentations, mid semester and final examination. 25% marks will be allocated for sessional work (including tests, assignments, presentation and class participation), 25% marks will be specified for the mid-semester examination (to be conducted at the culmination of eighth week of each semester) and 50% marks for the final examination of the semester.

34.2 The subjects of Basic Design, Architectural Design and Thesis Design are considered to be the Core Subjects of the relevant semesters and shall form a stream and each preceding course shall be a pre- requisite for next course in line.

34.3 Marks distribution in Core subjects will be 40:60 for Sessional and Final examination. Further break up of sessional marks will, however, be on the approval of the Head of Department.

34.4 There shall be 60:40 of marks for external and internal examiner for Final Exam Project/Jury of core subjects i.e. Architecture Design.

34.5 Thesis Projects shall be evaluated by a panel of external examiners for 60% marks whereas, 40% marks shall be awarded to the student by his/her internal supervisor during the course of his/her semester in the form of sessional assessment and keeping track of progress made on the thesis project. Those students who acquire minimum aggregate of 50% marks with minimum 50% marks from the external examiners in the final thesis juries shall be declared successful, whereas unsuccessful students shall be given a second chance to reappear in the next semester to present their thesis.

34. SPECIAL PROVISION

34.1 In all cases where these regulations are silent, the decision of the President shall be final.

34.2 The University authorities reserve the right to make any change in the rules, regulations, fee structure and courses of study that may be considered necessary at any time without prior notice.

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