RANKED # 1 THE IMPACT RANKINGS
PRIVATE SECTOR UNIVERSITY IN KPK IN 2023

Highly Ranked Government Chartered University of KPK

Chartered by Government of Khyber Pakhtunkhwa

Recognized by Higher Education Commission (HEC)

Accredited by Pakistan Engineering Council (PEC)

Accredited by Pakistan Council of Architects and Town Planners (PCATP)

Accredited by Pharmacy Council of Pakistan (PCP)

Accredited by National Computing Education Accreditation Council (NCEAC)

Certified by ISO 9001:2015

Member of the United Nations Academic Impact (UNAI)

Member of Asia Pacific Quality Network (APQN)

Member of Association of Management Development Institutions in South Asia (AMDISA)

Accredited by Technology Council of Pakistan

Sector F-5, Phase 6, Hayatabad, Peshawar   www.cecos.edu.pk

/cecosofficial   091-5860291-3

For More information call / Whataspp Us
0345-0023267

CECOS
UNIVERSITY

Inspire the World

RANKED # 1 THE IMPACT RANKINGS
PRIVATE SECTOR UNIVERSITY IN KPK IN 2023

CONTENT

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.

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.

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
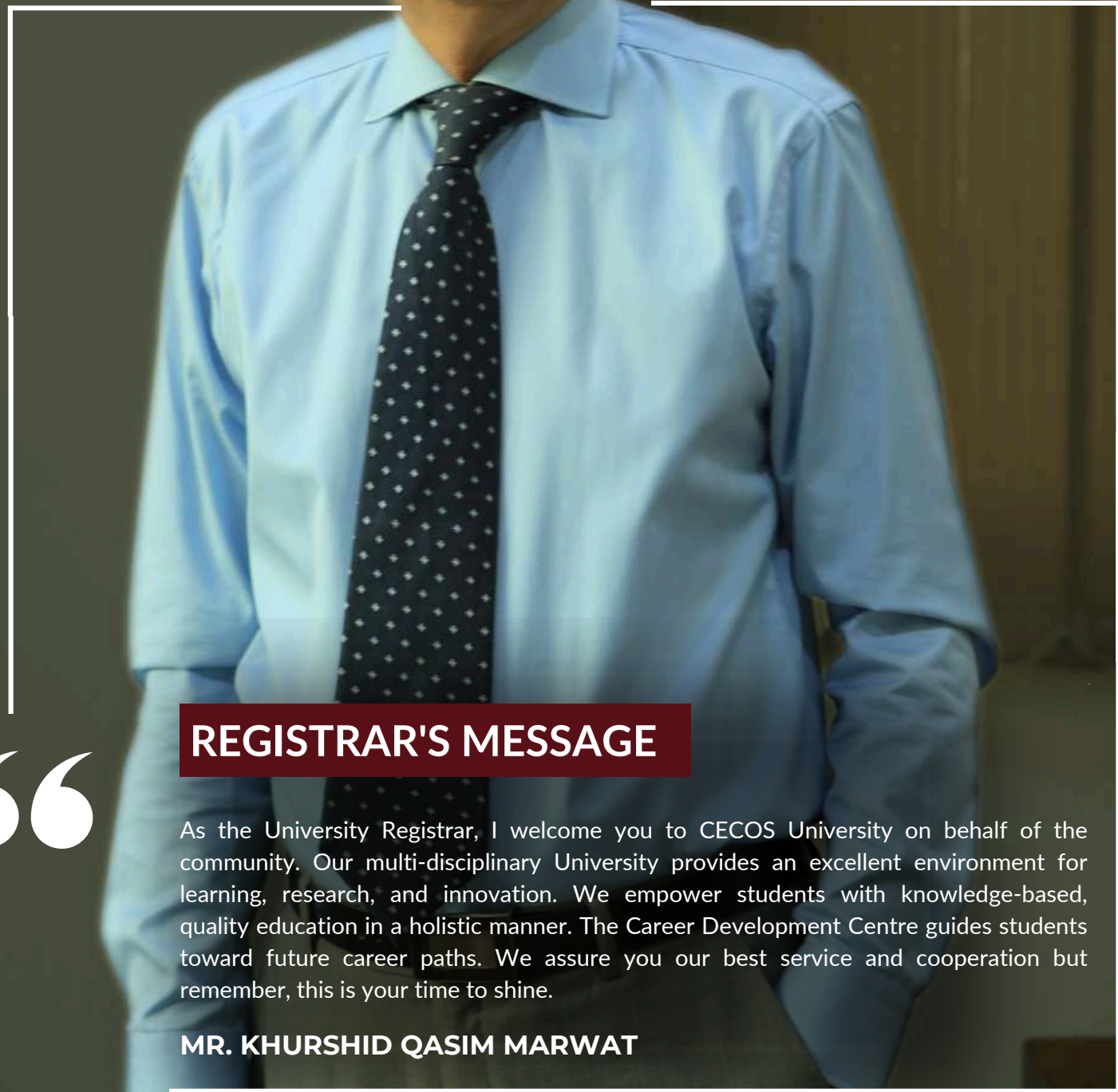
REGISTRAR'S MESSAGE

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 Facuty of Engineering	**Prof. Dr. Fazal Subhan** Dean - Faculty of Life Sciences	**Prof. Dr. Zia Ullah Shah** Dean- Post Graduate Studies
Dr. Nudrat Aamir 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, Establishment	**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	**Umer Mehmood** 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, Departmnet 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. Muhmmad Aleem** HOD, Management Sciences	**Dr. Tahir Ahmad** HOD Computer Science
Ar. Sehrish Ghani 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 Aamir HOD, Basic Sciences & Humanitie	**Dr. Fazal Subhan** HOD, Pharmacy	**Prof. Dr. Zia Ullah Shah** HOD, Allied Health Sciences
Miss. Faiza Program Manager Department of Basic Sciences	**Dr. Shehla Akbar** Academic Coordinator Department of Pharmacy	**Mr. Muhmmad Ismail Khan** Academic Coordinator, Department of Allied Health Sciences
Dr. Muhmmad Shahid HOD Integrative Biosciences	**Miss Mushkbar fatima** Academic Coordinator, IIB	

BOARD OF GOVERNORS

Engr. Muhammad Tanveer Javed
President, CECOS University

Engr. Sohaib Tanveer
Vice President, CECUS University

Dr. Naseer Ahmed
Vice Chancellor, CECOS University

Justice (R) Muhammad 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. Akif Khan
(Managing Director, KP Information Technology Board)

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

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

(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

CECOS
MILESTONES

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

2001-2007

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

1995-2000

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

2008-2014

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

1986-1994

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

Playgroup To A-Levels

A CAMBRIDGE APPROVED SCHOOL

THE EDEX SCHOOL

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-centred 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.

THE RAFSAN SCHOOL

An institution where we prioritize delivering high-quality education and empowering under-privileged 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.

A NON-PROFIT SCHOOL

THAT SUPPORTS EDUCATION OF UNDERPRIVILEGED CHILDREN

CECOS COLLEGE LONDON

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.

Higher Education Programmes

- Business Management BBA (Hons)
- Health and Social Care BSc (Hons)
- HNC/HND Business
- Diploma in Education & Training (Level 5 Teacher Training)
- Master in 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.

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

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.

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

Knowledgems Day Nurseries is 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 is 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.
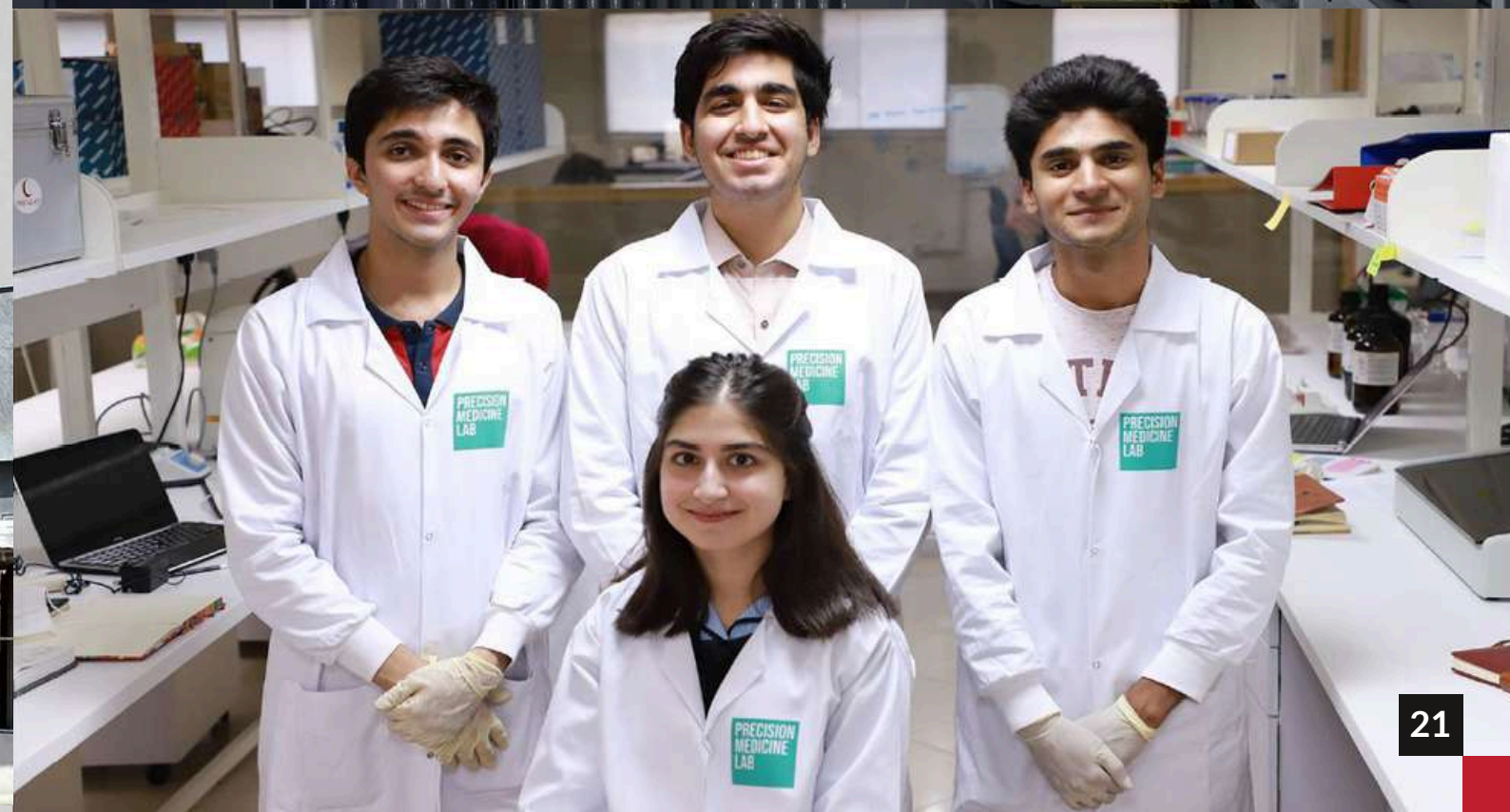
WHY CECOS

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 Univeristy is the perfect choice.

PKR 230 Million
Scholarships disbursal during last 5 years

30+
Undergraduate Major

3200+
Students Enrolled

RANKED # 1 **THE** IMPACT RANKINGS
PRIVATE SECTOR UNIVERSITY IN KPK IN 2023

41000+
Alumni Community

1000+
Research Papers published

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

1st Private Sector University
to set up a dedicated Industrial Liasion Center

1st Private Sector University
to offer Architecture Program in Peshawar

Positions in Workshop on Innovative Building Facades

CECOS University excelled at a recent design workshop on innovative building facades at Hazara University securing 1st, 3rd, and 4th places with Assistant Professor Ar. Awais Saeed Agha leading the winning teams. The event aimed to emphasize the significance of facades in addressing climate change and thermal comfort, with CECOS standing out among participants from 12 architecture schools.

RUNNER-UP Position at the "Zindagi Prize

CECOS University students Yaseen Khattak, Nouman Kamal Afridi, Osama Akbar, and Muhammad Fawad clinched the RUNNER-UP position at the "Zindagi Prize" Business Idea Competition hosted by GIKI, outshining participants from 70 universities nationwide.This achievement underscores CECOS' commitment to excellence, providing a nurturing environment where creativity thrives.

Best Delegation Award at IRTIQA'24

The Architecture students at GIKI showcased exceptional dedication and excellence at the prestigious IRTIQA'24 event hosted by the Naqsh Society. Their remarkable talents led to a deserving victory, with Sana Saeed earning the prestigious Best Delegation award. Ghulam Fatima was recognized as the Best Director (Mime), and Huzefa Sadozai secured the top position in Fine Art. These achievements highlight our commitment to nurturing artistic excellence and empowering students to excel on a larger platform.

1 Position in Venture Contest by IPPUS

AsTechSolutions, an innovative venture established by the distinguished CECOS University alumnus Mr. Abdullah Hidayatullah, achieved significant success at the renowned New Venture Contest organized by IPPUS at UET Lahore.

1st MEGA ENGINEERING CAPSTONE EXPO

(FYDP - Final Year Engineering Design Project Exhibition)

The CAPSTONE EXPO held in KPK, Peshawar on July 1, 2024. An initiative by the PEC Pakistan Development Committee (PPDC), showcased 82 projects from 20 universities

CECOS University Department of Mechanical Engineering for the Design and Development of Modular RC Plane for Inflight Multitasking Operations (Supervisor: Engr. M Irfan Khan) won the first prize. Also, CECOS University for the Design and Fabrication of a Smart Intravenous Injection and Vein Detection Device (Supervisor: Engr. M Owais Awan) won second prize.

Kalam Robo Tec 2023

Students of Electrical Engineering Department participated in Kalam Robo Tec 2023. Kalam Robo Tech is a robotic competition in which more than 300 students participated from well known Universities of Pakistan including both private and public sectors, schools and colleges.

Engr Abdul Subhan and Engr Ali Mujtaba Durrani along with students from Electrical and Mechanical Department participated in different modules.

Team Venom from Electrical Engineering participated in Sumo Wrestling Event and stood 2nd among 18 teams.

International Conference on Health Research (ICHR-23)

The Rehman College of Dentistry (RCD) successfully organized the esteemed International Conference on Health Research (ICHR-23) with collaborative partners CECOS University, Khyber Medical University, and HITEC.

Abdul Ahad, a talented student of the 6th Semester from the department of pharmacy, achieved an outstanding second position in the highly competitive Best Poster Presentation Competition and was proudly awarded a shield prize by the President of Pakistan.

HEC Intervarsity Volleyball Zonal Championship 2023-24

The volleyball team from CECOS University recently took part in the HEC Intervarsity Volleyball Zonal Championship 2023-24, held from September 20th to September 25th, 2023. They showcased remarkable performance and teamwork, which led them to the semi-finals.

The CECOS team's exceptional skills and sportsmanship were evident throughout the tournament. The university commends the players for their outstanding achievement, and their hard work and dedication during the game.

National Ideas and Design Competition

A Competition held by Institute of Architects Pakistan - Peshawar Chapter (IAP-PC) in collaboration with the Fanoon Consultants, Entity X-USA and Wadaan Consultants.

CECOS UNIVERSITY is proud to announce that its alumni Mr. Shahzad Khattak - Batch (2012-2017) holds 2nd position and Mr. Abdur Rehman - Batch (2014-2019) holds 3rd position in the competition.

Architects from all over Pakistan Participated in the Competition.

1st Pakistani Institute of Participate & win IGEM's

CECOS University participated in the IGEM (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.

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.

CECOS Team won Sumo Robot Competition in Youth Robo Tec '22

Youth Robo Tec '22 was organized in UET Peshawar. It was the first National Level event which was funded by Pakistan Science Foundation.

More than 15 Universities and colleges across the country participated in different robotic modules like line follower, obstacle avoiding, project exhibition, sumo robot and robo wars.

A team from the Electrical Engineering Department from CECOS University participated in this mega event and stood 1st in the category of Sumo Robot among 17 teams from all over Pakistan.

BEYOND THE CLASSROOM
BUILD YOUR PASSION

STUDENTS SOCIETIES

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.

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	

LEARN TO BUILD & SCALE YOUR E-COMMERCE BUSINESS FROM PAKISTAN with Sunny Ali
July 24, 2022 | CECOS UNIVERSITY

Events & Activites

Visits & Trips

CONVOCATION 2024

CECOS University hosted a convocation ceremony where parent's claps and weeping of joy honored the most historical event of their sons and daughters.

Engr. Muhammad Tanveer Javed, President CECOS University congratulated all the students addressing that *"Education is the Cornerstone of Progress, and your Achievements today are a testament to your Dedication and hard work".*

Chief Guest Ghulam Ali (Governor of KPK) & Guest of Honor Dr. Qasim Ullah Jan graced the event and congratulated the graduates and parents on their big day.

FACILITIES

HOSTELS

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 commom 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.

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.

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 textbooks. 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.

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.

Attached Washrooms

Laundry Facility

24/7 Security

Summit Cafe
with Fresh Food

3 Time Fresh Meal

Wi Fi High Speed

10000+ Books in Libraries

E-Library

Hassle-Free Transportation

Bus Routes
All over the Peshawar

BRT Near CECOS

FACULTY OF ENGINEERING & ARCHITECTURE

CIVIL ENGINEERING
ELECTRICAL ENGINEERING
MECHANICAL ENGINEERING
ARCHITECTURE

DEAN MESSAGE

"

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
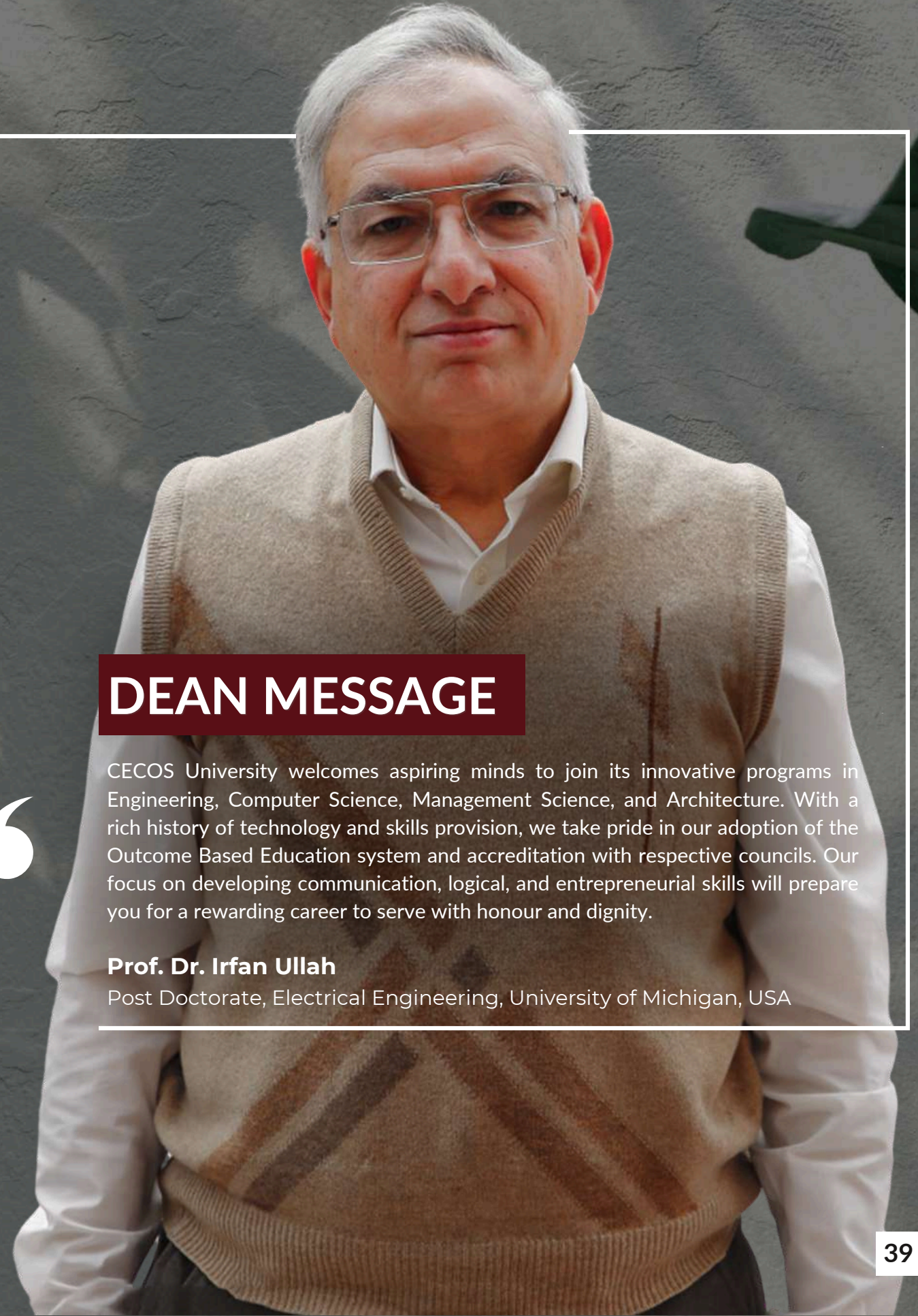
B.Sc CIVIL ENGINEERING
B.Sc CIVIL ENGINEERING TECHNOLOGY

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.

HOD MESSAGE

"

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

Prof. 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
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

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

Dr. M. Ali Sikandar
Associate Professor
P.hD. 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 / PG Coordinator
MS. Structure Engineering
CECOS University

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

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

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

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

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

Prof. Bakht Zamin
Associate Professor
Ph.D. Geotechnical Engineering
CECOS University

Dr. 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. Ijaz Ahmad
Lab Engineer
B.Sc Civil Engineering
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 TECHNOLOGY

Semester-I

Course Code	Course Title	Credit Hours
ENG-101	Functional English	3+0
MATH-106	Calculus and Analytical Geometry	3+0
CS-191	Applications of ICT	2+1
SS-101	Islamic Studies	2+0
SS-204	Civics and Community Engagement	2+0
CT-111	Concrete Technology	2+2
SS-207	Understanding Quran	0+0
	Total Credit Hours	14+3

Semester-II

Course Code	Course Title	Credit Hours
CT-101	Civil Engineering Drawing	1+2
MATH-108	Linear Algebra and Differential Equations	3+0
CT-103	Applied Mechanics	2+2
CT-104	Materials and Methods of Construction	1+1
SS-203	Ideology and Constitution of Pakistan	2+0
AR-138	Introduction to Art and Design	0+2
	Total Credit Hours	9+7

Semester-III

Course Code	Course Title	Credit Hours
CT-251	Quantity Surveying and Contract Documents	1+2
CT-212	Mechanics of Solids	2+2
MGT-431	Entrepreneurship	2+0
CT-102	Surveying	2+2
CT-323	Geology and Earthquake Engineering	2+0
ENG-102	Expository Writing	3+0
	Total Credit Hours	12+6

Semester-IV

Course Code	Course Title	Credit Hours
SS-205	Engineering Economics	3+0
CT-241	Water Supply and Waste Water Management	2+1
CT-242	Environmental Management	2+1
CT-206	Occupational Health & Safety Management	1+0
CT-231	Fluid Mechanics	2+1
CT-205	Introduction to Architecture & Town Planning	2+0
	Total Credit Hours	12+3

Semester-V

Course Code	Course Title	Credit Hours
CT-332	Hydrology	2+1
CT-314	Reinforced Concrete Structures	2+1
CT-352	Construction and Hydraulic Machinery	2+0
CT-307	Computer-Aided Building Modeling & Design	1+2
CT-322	Foundation Engineering	2+1
CT-261	Transportation Engineering	2+1
	Total Credit Hours	11+6

Semester-VI

Course Code	Course Title	Credit Hours
CT-315	Pre-Stressed and Precast Concrete	2+0
CT-221	Soil Mechanics	2+1
CT-333	Irrigation and Hydraulic Structures	2+1
CT-316	Steel Structures	2+0
MGT-333	Project Management	2+0
CT-498	Project	0+3
CT-213	Theory of Structures	3+0
	Total Credit Hours	13+5

Semester-VII

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

Semester-VIII

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

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 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 Engineer- ing 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.

CURRICULUM OF CIVIL ENGINEERING

Semester-I

Course Code	Course Title	Credit Hours
ENG-101	Functional English	3+0
MATH-106	Calculus and Analytical Geometry	3+0
CE-101	Engineering Mechanics	3+1
NS-101	Applied Physics	2+1
CE-103	Engineering Drawing	1+1
CS-191	Applications of ICT	2+1
SS-203	Ideology and Constitution of Pakistan	2+1
SS-207	Understanding Quran	0+0
Total Credit Hours		**14+4**

Semester-II

Course Code	Course Title	Credit Hours
CE-101	Engineering Mechanics	1+1
MATH-108	Linear Algebra and Differential Equations	3+0
CE-154	Occupational Health And Safety	1+0
ENG-102	Expository Writing	3+0
CE-105	Basic Electro-Mechanical Engineering	2+1
SS-101	Islamic Studies	2+0
AR138	Introduction to Art and Design	0+2
Total Credit Hours		**12+4**

Semester-III

Course Code	Course Title	Credit Hours
CE-104	Surveying-I	2+1
CE-206	Civil Engineering Drawing and Graphics	1+1
CE-211	Mechanics of Solid-I	2+1
CE-212	Concrete Technology	1+1
MGT-431	Entrepreneurship	2+0
MATH-202	Numerical Analysis	3+0
SS-204	Civics and Community Engagement	2+0
Total Credit Hours		**13+4**

Semester-IV

Course Code	Course Title	Credit Hours
CE-121	Engineering Geology and Seismology	2+0
CE-207	Surveying-II	2+1
CE-213	Structural Analysis-1	3+0
CE-231	Fluid Mechanics-I	3+1
CE-317	Mechanics of Solids-II	2+1
SS-205	Engineering Economics	2+0
Total Credit Hours		**14+3**

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		**16+2**

Semester-VI

Course Code	Course Title	Credit Hours
CE-335	Engineering Hydrology	2+0
CE-341	Environmental Engineering-I	2+0
CE-316	Reinforced Concrete Design-II	3+1
CE-222	Geotechnical Engineering-I	3+1
CE-222	Transportation Engineering-I	3+0
CE-409	Geo-Informatics	1+1
Total Credit Hours		**14+3**

Semester-VII

Course Code	Course Title	Credit Hours
CE-423	Geotechnical Engineering-II	3+1
MGT-333	Project Management	2+0
CE-442	Environmental Engineering-II	2+1
CE-462	Transportation Engineering-II	3+1
CE-433	Hydraulics Engineering	2+0
CE-498	Final Year Design Project-I	0+3
Total Credit Hours		**12+6**

Semester-VIII

Course Code	Course Title	Credit Hours
CE-434	Irrigation Engineering	2+0
CE-453	Construction Management	1+1
CE-418	Steel Structures	3+0
CE-408	Architecture and Town Planning	2+0
CE-401	Hazards and Disaster Management	2+0
CE-433-L	Final Year Design Project-II	0+3
CE-499	Hydraulics and Hydrology (Lab)	0+1
Total Credit Hours		**10+5**

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.

B.Sc ELECTRICAL (COMPUTER SYSTEM) 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.

HOD MESSAGE

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.

Prof. Dr. Azhar Qazi
Ph.D Electrical Engineering, CECOS University
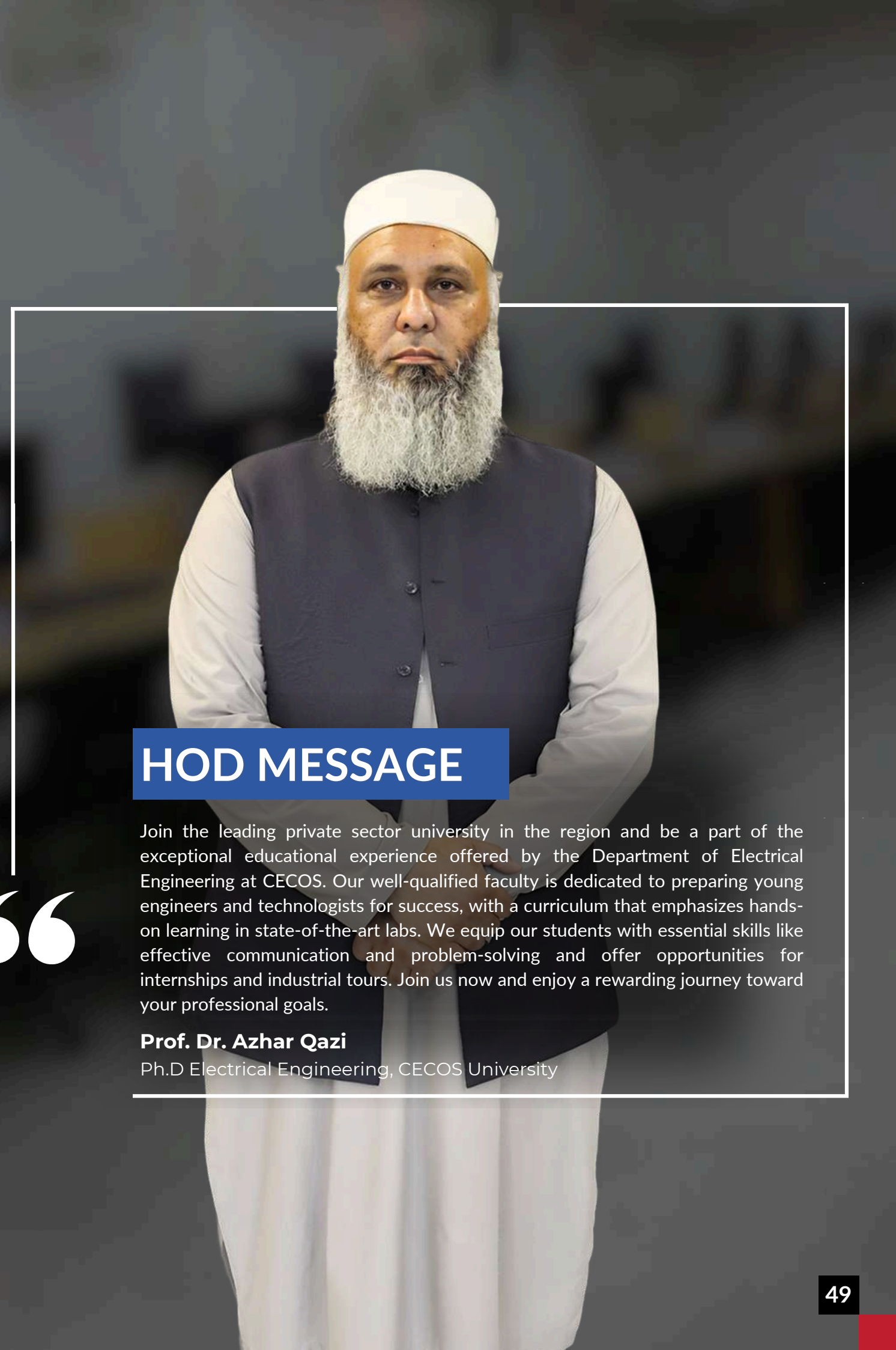
FACULTY OF ELECTRICAL ENGINEERING

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Head of Department / Associate Professor
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CECOS University, Peshawar

Engr. Ahmad Junaid
Lecturer
M.Sc Computer System Engineering
UET, Peshawar

Engr. Muhammad Qasim
Lab Engineer
B.Sc Computer System Engineering
CECOS University, Peshawar

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

Prof. Dr. Azzam ul Asar
Professor
Post-Doctorate Electrical Engineering
New Jersey Institute of Technology,
USA

Dr. Khalid Rehman
Associate Professor
Ph.D Electrical Engineering
CECOS University, Peshawar

Engr. Ali Mujtaba Durrani
Lecturer
MS Power & Control
CECOS University, Peshawar
Ph.D (In Progress)
CECOS University

ELECTRICAL (COMPUTER SYSTEM) ENGINEERING LABORATORIES

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

CURRICULUM OF ELECTRICAL (COMPUTER SYSTEM) ENGINEERING
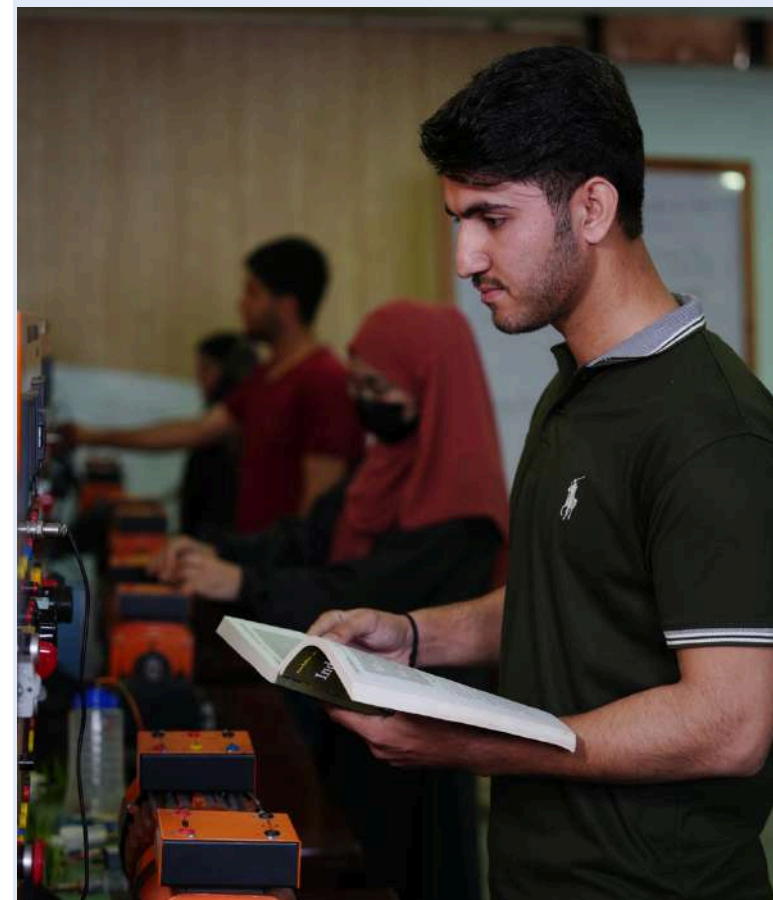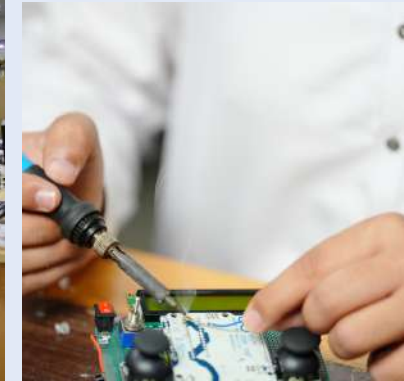
Semester-I

Course Code	Course Title	Credit Hours
ENG-101	Functional English	3+0
ME-101	Engineering Mechanics & Thermodynamics	3+0
MATH-106	Calculus and Analytical Geometry	3+0
CS-110	Applications of ICT	2+1
NS-101	Applied Physics	2+1
SS-203	Ideology and Constitution of Pakistan	2+0
SS-207	Understanding Quran	0+0
Total Credit Hours		17

Semester-II

Course Code	Course Title	Credit Hours
EE-101	Linear circuit Analysis	3+1
MATH-108	Linear Algebra and Differential Equations	3+0
EE-102	Engineering Drawing	0+1
CS-111	Computer Programming	2+1
EE-112	Occupational Health & Safety	1+0
EE-102	Electrical Workshop Practice	0+1
SS-101	Islamic Studies	2+0
Total Credit Hours		16

Semester-III

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

Semester-IV

Course Code	Course Title	Credit Hours
MGT-331	Organizational Behavior	2+0
EE-231	Electrical Machines	3+1
MATH-202	Numerical Analysis	3+0
EE-223	Electronic Circuit Design	3+1
Ar-138	Introduction to Art & Design	2+0
SS-204	Civics & Community Engagement	2+0
Total Credit Hours		17

Semester-V

Course Code	Course Title	Credit Hours
EE-338	Power Distribution and Utilization	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 & Systems	3+1
Total Credit Hours		18

Semester-VI

Course Code	Course Title	Credit Hours
Mgt-338	Project Management	3+0
EE-312	Digital Signal Processing	3+1
EE-313	Communication Systems	3+1
EE-339	Digital System Design	3+1
EE-306	Linear Control Systems	3+1
Total Credit Hours		17

Semester-VII

Course Code	Course Title	Credit Hours
EE-414	Computer Communication Networks	3+1
EE-415	Data Structure & Algorithams	3+1
EE-435	Internet of Things	3+0
EE-436	Operating Systems	3+0
EE-498	Senior Design Project 1	0+2
Total Credit Hours		16

Semester-VIII

Course Code	Course Title	Credit Hours
MGT-431	Entrepreneurship	2+0
EE-416	Computer Architecture	3+1
EE-417	Artificial Intelligence	3+0
EE-499	Senior Design Project II	0+5
Total Credit Hours		13

Total Credit Hours = 132

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 ELECTRICAL ENGINEERING

PEO 1: Graduate demonstrating a blend of engineering technology & professional skills in Electrical Engineering & allied disciplines.

PEO 2: Graduate performing ethically & socially in a sustainable & responsible manner, as an individual & 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.

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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	16

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	16

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 & Utilization	3+1
ET-223	Power Electronics	2+1
ENG-202	Technical Report Writing	3+0
	Total Credit Hours	17

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	3+1
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+0
ET-333	Industrial Drives and PLC	2+2
MGT-333	Project Management	3+0
ET-498	Project-I	0+3
	Total Credit Hours	18

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	15

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 a 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

PEO 1: **Engineering 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.

PEO 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.

PEO 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.

PEO 4: **Investigation:** 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:** An ability to create, select and apply appropriate techniques, resources, and modern technology and IT tools, including prediction and modelling, to broadly-defined technology problems, with an understanding of the limitations.

PEO 6: **The Engineer and Society:** An ability to demonstrate an 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.

PEO 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.

PEO 8: **Ethics:** Understand and commit to professional ethics and responsibilities and norms of technology practice.

PEO 9: I**ndividual and Team Work:** An ability to function effectively as an individual, and as a member or leader in diverse teams.

PEO 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.

PEO 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.

PEO 12: **Lifelong Learning:** An ability to recognize the need for, and have the ability to engage in independent and lifelong learning in specialist technologies.

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.

HOD MESSAGE

"

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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Heriot-Watt University, Edinburgh, UK

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Assistant Professor
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Dr.M. Imran Hanif
Assistant Professor
Ph.D in Industrial Engineering
UET, Peshawar

Engr. Umair Ali
Lecturer
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CECOS University, Peshawar

Engr. Hashim Khan
Lecturer
M.Sc Mechanical Engineering
CECOS University, Peshawar

Engr. Ihtisham khan
Lab Engineers/Safety Officer
B.Sc U.E.T Peshawar
M.Sc (In Progress)
U.E.T Peshawar

Dr. Irfan Ullah
Professor/Dean
Post-Doctorate Mechanical Engineering
University of Michigan, USA

Dr. Saim Saher
Professor
Ph.D Mechanical Engineering
University of Twente, Netherlands

Engr. M. Irfan Khan
Lecturer/Academic Coordinator
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Ph.D (In Progress)
UET, Peshawar

Engr. M. Owais Awan
Lecturer
M.Sc Mechanical Engineering
Sarhad University, Peshawar
Ph.D (in Progress)
UET, Peshawar

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	3+0
	Total Credit Hours	18

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 & 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 & 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 & 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 = 136

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

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: I**ndividual 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 MECHANICAL ENGINEERING TECHNOLOGY

Semester-I

Course Code	Course Title	Credit Hours
MATH-106	Calculus and Analytic Geometry	3+0
CS-190	Introduction to Computer Fundamentals	1+2
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	17

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-101	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	18

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 = 136

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 & 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 & 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

PEO 1: **Engineering Technology:** An ability to apply knowledge of mathematics, natural science, technology fundamentals and technology specialization to defined and applied technology procedures, processes, systems or methodologies.

PEO 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.

PEO 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.

PEO 4: **Investigation:** 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:** An ability to create, select and apply appropriate techniques, resources, and modern technology and IT tools, including prediction and modelling, to broadly-defined technology problems, with an understanding of the limitations.

PEO 6: **The Engineer and Society:** An ability to demonstrate an 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.

PEO 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.

PEO 8: **Ethics:** Understand and commit to professional ethics and responsibilities and norms of technology practice.

PEO 9: **Individual and Team Work:** An ability to function effectively as an individual, and as a member or leader in diverse teams.

PEO 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.

PEO 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.

PEO 12: **Lifelong Learning:** An ability to recognize the need for, and have the ability to engage in independent and lifelong learning in specialist technologies.

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.

HOD MESSAGE

"

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.

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

FACULTY OF ARCHITECTURE

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

Ar. Sehrish Ghani
Assistant Professor
Academic Coordinator
M. Arch
CECOS University, Pakistan

Ar. Majid Khan
Assistant Professor
B.Arch
National College of Arts (NCA), Lahore

Ar. Attique Ur Rehman
Assistant Professor
Exam Coordinator
M.Arch
BAU Istanbul, Turkey

Ar. Nosheed Ullah Shah
Lecturer
B.Arch
National College of Arts (NCA) Lahore

Ar. Awais Saeed Agha
Lecturer
M. Arch
The University of Sydney, Australia

Ms. Sana Arshad
Lecturer
Master of Fine Arts
University of Peshawar

Ar. Marwat Khan
Associate Professor
M.Arch
UET Lahore, Pakistan

Ar. Farhat Chishti
Assistant Professor
Alumni Coordinator
M.Arch
CECOS University, Pakistan

Ar. Naeem Ullah
Assistant Professor
Master
UET, Peshawar

Ar. Salim Ullah
Assistant Professor
B.Arch
MUET, Jamshoro

Ar. Muhammad Tariq
Assistant Professor
B. Arch
UET-Abbottabad

Mr. Arshad Jabbar
Lecturer
Master of Fine Arts
University of Peshawar

Hunar

A Signature Event is organized by the Department of Architecture every year.

CURRICULUM OF ARCHITECTURE

Semester-I

Course Code	Course Title	Credit Hours
AR-121	Basic Design-I	6 (1,5,11)
AR-134	Visual Communication-I	2 (1,1,3)
AR-111	History of Architecture-I	2 (2,0,2)
AR110	Introduction to Architecture	2 (2,0,2)
SS-101	Islamic Studies	2 (2,0,2)
AR196	Mathematics for Architects-I	2 (2,0,2)
ENG105	English-I (Functional English)	2 (2,0,2)
	Total Credit Hours	18 (12,6,24)

Semester-II

Course Code	Course Title	Credit Hours
AR-122	Basic Design-II	6 (1,5,11)
AR-135	Visual Communication-II	2 (1,1,3)
AR-112	History of Architecture-II	2 (2,0,2)
AR-141	Materials & Construction-I	2 (1,1,3)
SS102	Pakistan Studies	2 (2,0,2)
AR197	Mathematics for Architects-II	2 (2,0,2)
ENG-106	English-II (Communication skills)	2 (2,0,2)
	Total Credit Hours	18 (11,7,25)

Semester-III

Course Code	Course Title	Credit Hours
AR-223	Architectural Design-I	8 (1,7,15)
AR-236	Visual Communication-III	2 (1,1,3)
AR-213	History of Architecture-III	2 (2,0,2)
AR-242	Materials & Construction-II	2 (1,1,3)
AR225	Energy and Environment	2 (2,0,2)
AR 271	Structure for Architects-I	2 (2,0,2)
	Total Credit Hours	18 (9,9,27)

Semester-IV

Course Code	Course Title	Credit Hours
AR-224	Architectural Design-II	8 (1,7,15)
AR-214	History of Architecture-IV	2 (2,0,2)
AR-243	Materials & Construction-III	2 (1,1,3)
AR-231	Digital Tools for Architects-I	2 (0,2,4)
AR275	Surveying & Leveling	2 (2,0,2)
AR-272	Structure for Architects-II	2 (2,0,2)
	Total Credit Hours	18 (8,10,28)

Semester-V

Course Code	Course Title	Credit Hours
AR325	Architectural Design-III	8 (1,7,15)
AR344	Materials and Construction-IV	2 (1,1,3)
AR317	Theory of Architecture-I	2 (2,0,2)
AR353	Sustainable Design	2 (2,0,2)
AR332	Digital Tools for Architects-II	2 (0,2,4)
AR373	Building Services and System-I	2 (1,1,3)
	Total Credit Hours	18 (7,11,29)

Semester-VI

Course Code	Course Title	Credit Hours
AR-326	Architectural & Design-IV	8 (1,7,15)
AR318	Theory of Architecture-II	2 (2,0,2)
AR-310	Architecture in Pakistan	2 (2,0,2)
AR-319	Vernacular Architecture	2 (2,0,2)
AR-333	Advance Computer Application for Architects	2 (2,0,2)
AR-374	Building Services & System-II	2 (1,1,3)
	Total Credit Hours	18 (10,8,26)

Semester-VII

Course Code	Course Title	Credit Hours
AR-427	Architectural Design-V	8 (1,7,15)
AR-461	Urban Design-I	3 (2,1,4)
AR-454	Design for Disaster Risk	2 (2,0,2)
AR-437	Interior Design	3 (2,1,4)
AR-445	Heritage & Conservation	2 (2,0,2)
	Total Credit Hours	18 (9,9,27)

Semester-VIII

Course Code	Course Title	Credit Hours
AR-428	Architectural Design-VI	8 (1,7,15)
AR-462	Urban Design-II	2 (2,0,2)
AR-481	Architectural Research Method	2 (2,0,2)
AR-463	Landscape Architecture	2 (2,0,2)
AR-476	Specification & Quantity Surveying	2 (2,0,2)
AR456	Universal Design Accessibility	2 (2,0,2)
	Total Credit Hours	18 (11,7,26)

Semester-IX

Course Code	Course Title	Credit Hours
AR-529	Thesis Design-I	4 (1,3,7)
ENG-501	English - III	2 (2,0,2)
AR583	Professional Practice	2 (2,0,2)
AR521	Focus Studio	8 (1,7,15)
	Total Credit Hours	16 (6,9,26)

Semester-X

Course Code	Course Title	Credit Hours
AR520	Thesis Design-II	8 (1,7,15)
AR-583	Marketing & Entrepreneurship for Architects	2 (2,0,2)
	Total Credit Hours	12 (5,7,19)

Total Credit Hours = 172

Fact File

Duration: Five Years
Eligibility: a. Students with minimum 60% marks in intermediate/ 12 years of schooling/ A-levels/ HSSC or an equivalent qualification with Mathematics, Physics and one more natural science subject are eligible for admission in the B. Arch program.
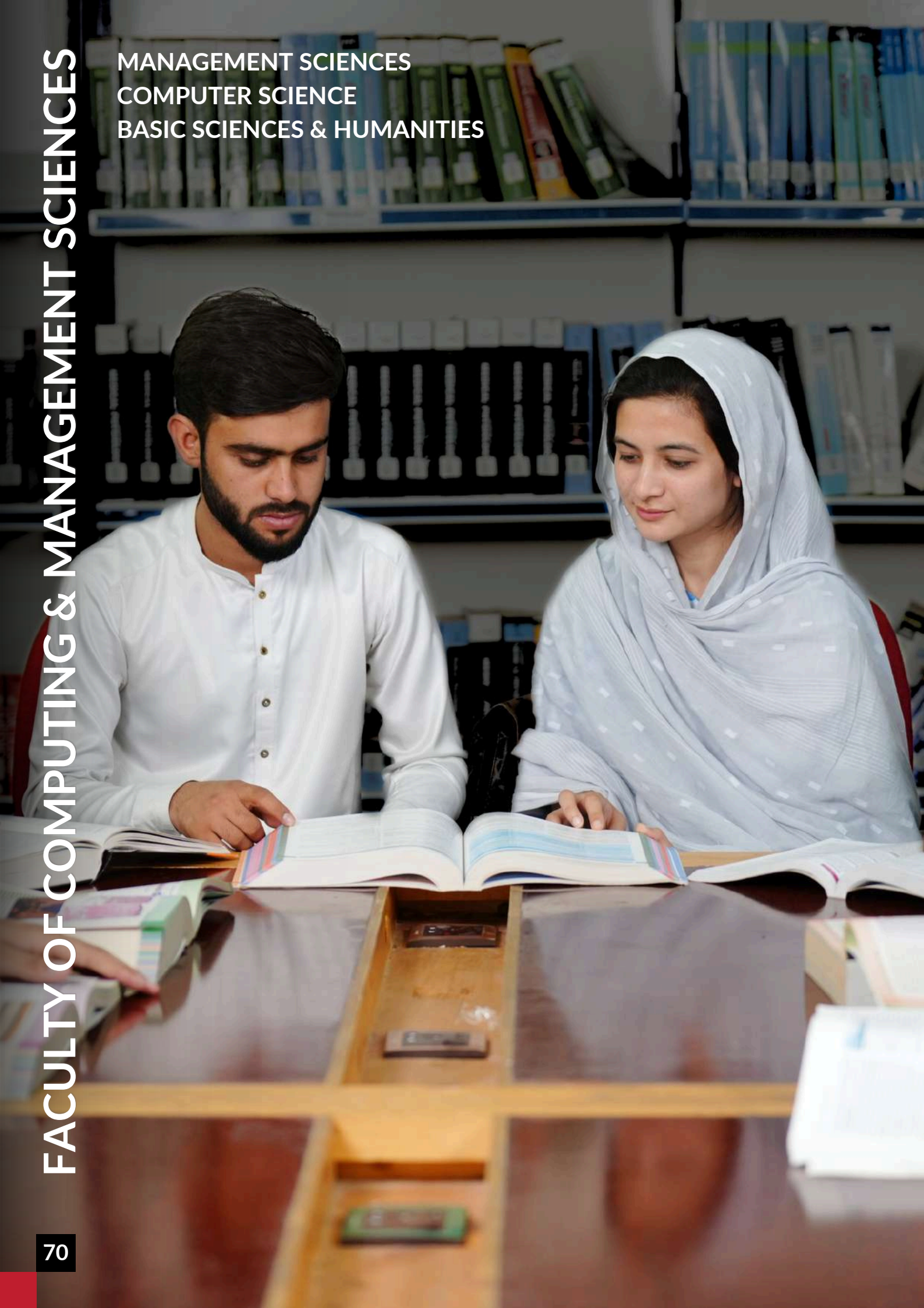b. Passing aptitude and drawing test of CECOS.

ARCHITECTURE STUDIOS

Studios where architects endorse creativity and turn ideas into reality.
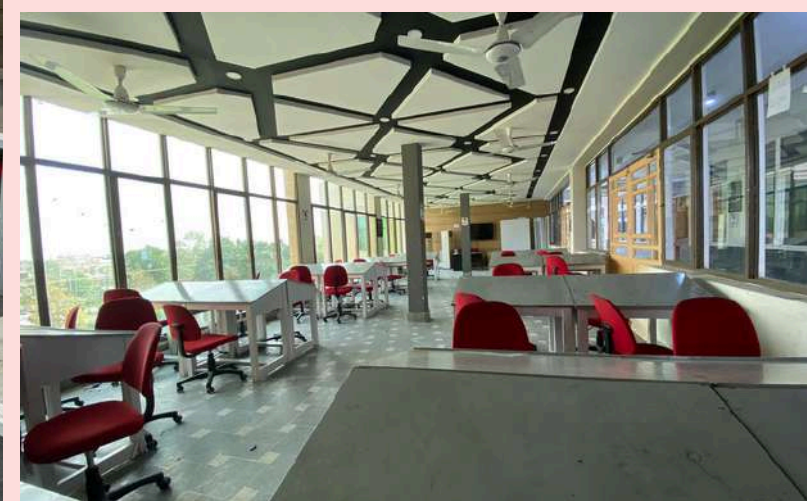
FACULTY OF COMPUTING & MANAGEMENT SCIENCES

DEAN MESSAGE

"

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.
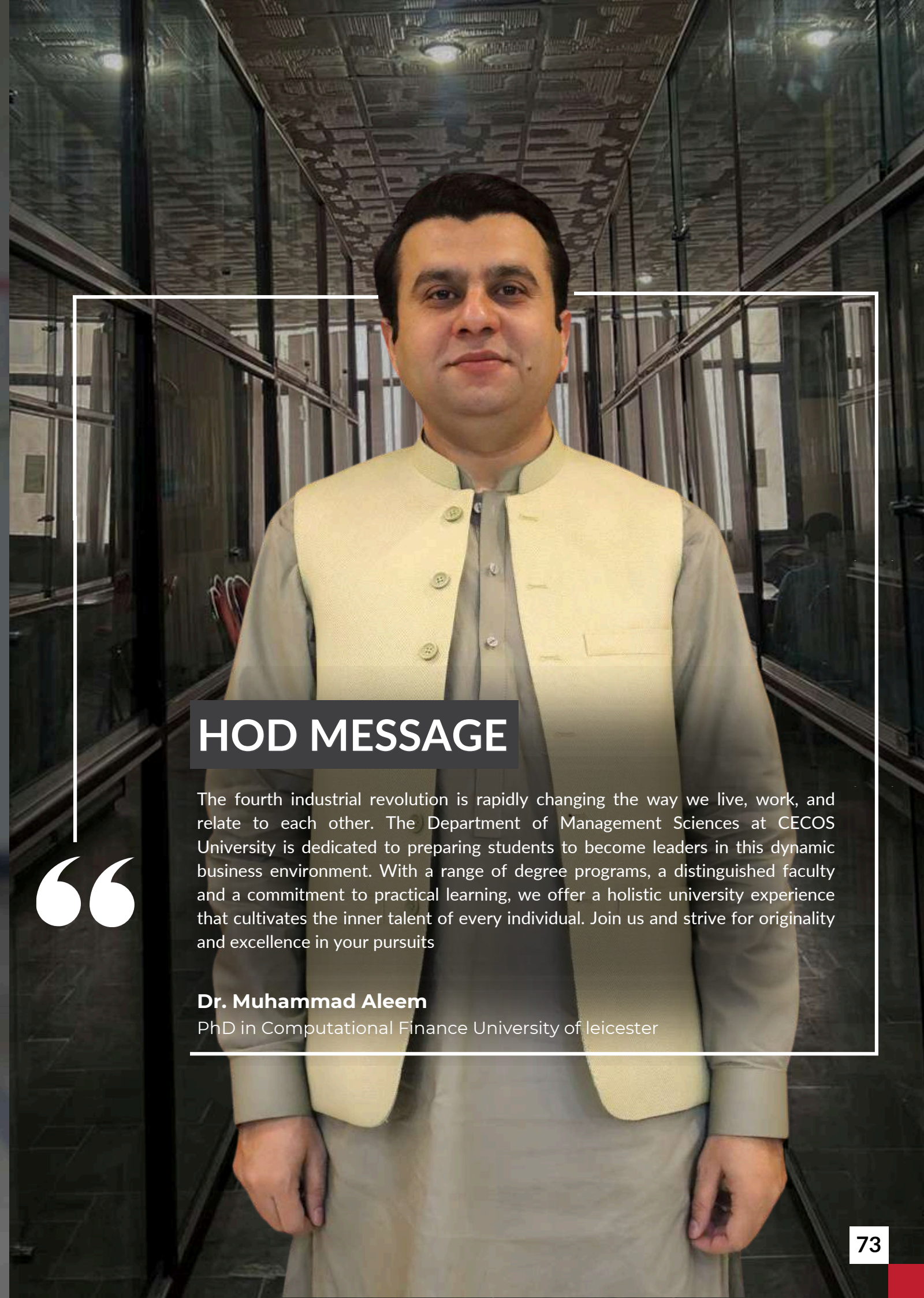
Prof. Dr. Irfan Ullah (Acting Dean)
Post Doctorate, Electrical Engineering, University of Michigan, USA

BACHELOR OF BUSINESS ADMINISTRATION
BS ACCOUNTING & FINANCE

HOD MESSAGE

" 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. Muhammad Aleem
PhD in Computational Finance University of leicester

MISSION STATEMENT
To develop effective and responsible managers and entrepreneurs by imparting insightful knowledge, durable skills, and business acumen.

FACULTY OF MANAGEMENT SCIENCES

Dr. Muhammad Aleem
Head of Department
Assistant Professor
PhD in Management Sciences,
University of Leicester, Uk

Dr. Farooq Shah
Assistant Professor
Ph.D Management Sciences,
University of Peshawar

Mr. Imran Siddiqi
Assistant Professor
P.hD (In Progress)
CECOS University, Peshawar

Mr. Bashir Akbar
Lecturer
MS in Finance,
Institute of Management Studies,
University of Peshawar

Mr. Muhammad Imran
Lecturer
MS in Finance,
Institute of Business & Management Sciences (IBMS),
Peshawar

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

M**r. Imad Javed**
Lecturer
MS in Finance,
Institute of Management Sciences, Peshawar
PhD (In Progress)
Institute of Management Sciences, Peshawar

Dr. Shiraz Khan
Associate Professor
PhD in Management Sciences,
CECOS University, Peshawar

Mr. Ubaid Ullah
Assistant Professor
MS (Finance)
CECOS University Peshawar
M.Sc Statistics,
University of Peshawar
P.hD (In Progress)
Qurtaba University Peshawar

Ms. Farkhanda Tayyab
Lecturer
MS (Finance)
CECOS University Peshawar
P.hD (In Progress)
Qurtaba University Peshawar

Ms. Maria Saeed Khattak
Lecturer
MS (HRM)
IBMS Peshawar
P.hD (In Progress)
Qurtaba University Peshawar

Mr. Naeem Khan
Lecturer
MA English
University of Peshawar

Ms. Sana Irshad
Lecturer
MS (Sociology)
International Islamic University, Islamabad

Ms. Zainab Khattak
Lecturer
MS in Finance,
Institute of Management Studies, University of Peshawar

Biz Nest

A Signature Event organized by the Department of Management Sciences

CURRICULUM OF ACCOUNTING & FINANCE

Semester-I

Course Code	Course Title	Credit Hours
ENG-101	Functional English	3
SS-109	Introduction to Sociology	2
BT-101	Introduction to Biology	2+1
MGT-131	Principles of Management	3
MGT-121	Fundamentals of Marketing	3
MGT-111	Fundamentals of Accounting	3
	Total Credit Hours	17

Semester-II

Course Code	Course Title	Credit Hours
SS-207	Understanding Quran	0
CS-110	Applications of Information & Communication Technologies	2+1
ENG-102	Expository Writing	3
SS-101	Islamic Studies	2
MGT-241	Business Statistics	3
MGT-112	Financial Accounting	3
MGT-151	Introduction to Business	3
	Total Credit Hours	17

Semester-III

Course Code	Course Title	Credit Hours
SS-110	Foriegn Language	3
MGT-341	Statistical Inference	3
ENG-203	English-III	3
SS-104	Introduction to Philosophy	2
MGT-211	Cost Accounting	3
MGT-201	Business Mathematics	3
	Total Credit Hours	17

Semester-IV

Course Code	Course Title	Credit Hours
MGT-262	Taxation	3
SS-204	Civic and Community Engagement	2
MGT-431	Entrepreneurship	3
SS-203	Ideology and Constitution of Pakistan	2
MATHS-104	Calculus	3
MGT-212	Introduction to Business Finance	3
	Total Credit Hours	16

Semester-V

Course Code	Course Title	Credit Hours
MGT-302	Business Law	3
SS-108	Introduction to Psychology	3
MGT-161	Accounting Information System	3
MGT-101	Economics	3
MGT-311	Financial Management	3
MGT-333	Project Management	3
	Total Credit Hours	18

Semester-VI

Course Code	Course Title	Credit Hours
SS-106	Logic and Critical Thinking	3
MGT-261	Auditing	3
MGT-361	Financial Institutions and Markets	3
MGT-331	Organizational Behavior	3
MGT-441	Business Research Methods	3
MGT-362	Central, Commercial and Corporate Banking	3
	Total Credit Hours	18

Semester-VII

Course Code	Course Title	Credit Hours
MGT-303	Corporate Social Responsibility	3
MGT-462	Computer Application in Finance	3
	Accounting/Finance Elective - 1	3
	Accounting/Finance Elective - 2	3
	Internship	3
	Total Credit Hours	15

Semester-VIII

Course Code	Course Title	Credit Hours
MGT-411	Corporate Finance	3
	Accounting/Finance Elective - 3	3
	Accounting/Finance Elective - 4	3
	Final Year Project	3
	Total Credit Hours	12

Total Credit Hours = 130

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

CURRICULUM OF BUSINESS ADMINISTRATION

Semester-I

Course Code	Course Title	Credit Hours
ENG-101	Functional English	3
SS-109	Introduction to Sociology	2
BT-101	Introduction to Biology	2+1
MGT-131	Principles of Management	3
MGT-121	Fundamentals of Marketing	3
MGT-111	Fundamentals of Accounting	3
	Total Credit Hours	17

Semester-II

Course Code	Course Title	Credit Hours
SS-207	Understanding Quran	3
CS-110	Applications of Information & Communication Technologies	2+1
ENG-102	Expository Writing	3
SS-101	Islamic Studies	2
MGT-241	Financial Accounting	3
MGT-241	Business Statistics	3
MGT-122	Marketing Management	3
	Total Credit Hours	17

Semester-III

Course Code	Course Title	Credit Hours
SS-108	Introduction to Psychology	3
MGT-341	Statistical Inference	3
ENG-203	English-III	3
SS-104	Introduction to Philosophy	2
MGT-211	Cost Accounting	3
MGT-201	Business Mathematics	3
	Total Credit Hours	17

Semester-IV

Course Code	Course Title	Credit Hours
MGT-442	Quantitative Techniques in Management	3
SS-204	Civic and Community Engagement	2
MGT-431	Entrepreneurship	3
SS-203	Ideology and Constitution of Pakistan	2
MGT-231	Human Resource Management	3
MGT-212	Introduction to Business Finance	3
	Total Credit Hours	16

Semester-V

Course Code	Course Title	Credit Hours
MGT-302	Business Law	3
SS-110	Foreign Language	3
MGT-321	Consumer Behaviour	3
MGT-101	Micro Economics	3
MGT-311	Financial Management	3
MGT-333	Project Management	3
	Total Credit Hours	18

Semester-VI

Course Code	Course Title	Credit Hours
SS-106	Logic & Critical Thinking	3
MGT-331	Organization Behaviour	3
MGT-303	Corporate Social Responsibility	3
MGT-441	Business Research Methods	3
MGT-203	Macro Economics	3
MGT-204	Pakistan Economy	3
	Total Credit Hours	18

Semester-VII

Course Code	Course Title	Credit Hours
MGT-401	Management Information System	3
MGT-334	Supply Chain Management	3
	Internship	3
	Specialization Courses 1	3
	Specialization Courses 2	3
	Total Credit Hours	15

Semester-VIII

Course Code	Course Title	Credit Hours
MGT-332	Strategic Management	3
	Specialization Courses 3	3
	Specialization Courses 4	3
	Final Year Project	3
	Total Credit Hours	12

Total Credit Hours = 130

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

BS COMPUTER SCIENCE
BS SOFTWARE ENGINEERING
BS ARTIFICIAL INTELLIGENCE
BS COMPUTER ENGINEERING

MISSION STATEMENT

To impart computing knowledge, problem-solving techniques, and practical skills to our graduates with a high level of professionalism and ethical values for addressing the challenges of modern society through innovative solutions.

HOD MESSAGE

"

Welcome to the Department of Computer Science, where we are dedicated to cultivating professionals with exceptional computing skills, innovative thinking, and strong ethical values. Our mission is to equip graduates with the knowledge and practical abilities to tackle modern societal challenges. We are committed to fostering lifelong learning, teamwork, and professional growth, ensuring our students excel in their careers and contribute positively to society. Join us in our journey towards excellence and innovation in computer technologies.

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

FACULTY OF COMPUTER SCIENCE
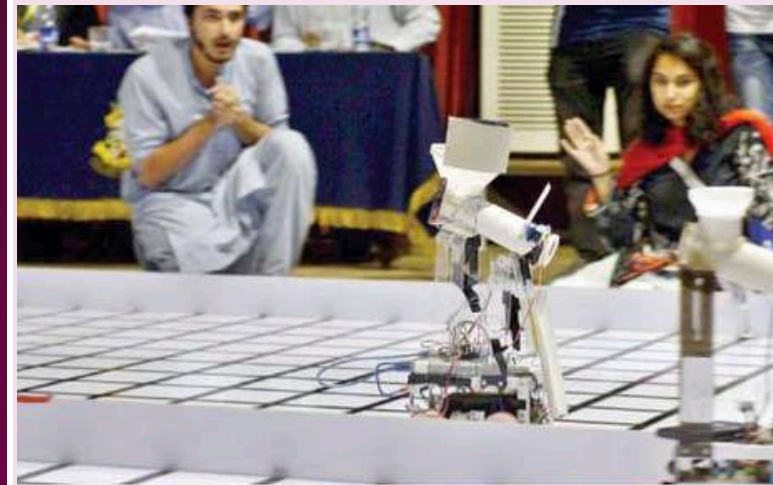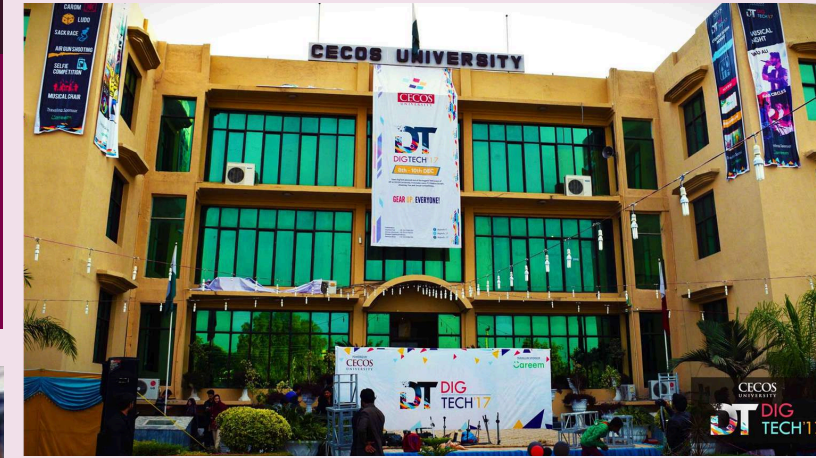
Dr. Tahir Ahmad
Professor/ Head of Department
PhD Computer Sciences and Systems
Engineering.
University of Genoa, Italy

Col. Ashfaq Ahmad (R)
Associate Professor
M.Sc Computer System Engineering
NUST, Islamabad

Dr. Maryam Mahsal Khan
Assistant Professor
PhD Computer Science
University of Newcastle, Australia

Dr. Kiran Raheel
Assistant Professor
PhD Electrical Engineering
CECOS University

Mr. Attiq ur Rehman
Assistant Professor/Academic coordinator
MS Computer Science
Agriculture University, Peshawar
PhD (in Progress)

Mr. Shiraz Hassan
Lecturer/ Alumni Coordinator
MS Computer Science
CECOS University

Mr. Rahmat Shah
Lecturer/Manager IT
MS Computer Science
Agriculture University, Peshawar
PhD (in Progress)

Mr. Nasir Sayed
Lecturer
MS Computer Science
Islamia College, Peshawar
PhD (in Progress)

Mr. Muhammad Yahya
Lecturer
MS Computer Science
Qurtuba University of Science and
Information Technology, Peshawar

Miss. Sumaira Imtiaz
Lecturer
PhD (in progress)
Taiyuan University of Technology, Taiyuan,
China

Engineer Muhammad Younas
Lecturer
MS Computer Engineering, UET Taxila

Dr. Kifayat Ullah
Associate Professor
PhD Computer Science
University of Sao Paulo, Brazil
(On Study Leave)

Dr. Mansoor Qadir
Assistant Professor
PhD Computer Science
Iqra National University Peshawar

Mr. Zahid Sarwar
Assistant Professor/FYP coordinator
MS Computer Science
CECOS University

Mr. Zaheer Aslam
Lecturer
MS Computer Science
Gandahara University Peshawar

Mr. Kamal Ahmad
Lecturer
MS Software Engineering
Gandhara University Peshawar

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

Mr. Arshad Iqbal
Lecturer
MS Computer Science
Agriculture University, Peshawar

Miss. Arshi Pervaiz
Lecturer
MS Computer Science
NUST Islamabad

Mr. Kashif Aman
Lecturer
MS Computer Science
Bahria University Islamabad

Engineer Usman Khalil
Lecturer
MS Electrical Engineering
Sarhad University Peshawar

Engineer Muhammad Adeel Khan
Lecturer
MS Electrical Engineering
CECOS University

Engineer Muhammad Qasim
Junior Lecturer
BS Computer System Engineering
UET Peshawar

Dr. Ghassan Husnain
Associate Professor
PhD AI & Robotics (Mechatronics Engineering)
UET Peshawar

Dr. Zaheer Farooq
Assistant Professor
PhD Power and Control
CECOS University

Miss. Mona Khalid
Assistant Professor
MS(HRM), MS Computer Science
CECOS University
MBA Gomal University, D.I.Khan

Mr. Abdul Hanan
Assistant Professor
MS Computer Science
CECOS University

Engr. Ahmad Junaid
Lecturer
M.Sc Computer System Engineering
UET, Peshawar

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

Mr. Muhammad Shoaib
Lecturer
MS Computer Science
Islamia College, Peshawar
PhD (in Progress)

Mr. Maaz Khan
Lecturer
MS Computer Science
Institute of Management Sciences

Mr. Jalal Khan
Junior Lecturer
MS (in Progress)
University of Peshawar

Engineer Ali Mujtaba Durrani
Lecturer
PhD (in Progress)
CECOS University

Engineer Muhammad Qasim
Junior Lecturer
BS Computer System Engineering
UET Peshawar

Dig Tech

A Signature Event organized by the Department of Computer Science. Dig Tech is Biggest Tech Event of KPK held every year at CECOS

CURRICULUM OF BS SOFTWARE ENGINEERING

Semester-I

Course Code	Course Title	Credit Hours
CS-110	Applications of Information and Communication Technologies	2+1
CS-112	Programming Fundamentals	3+1
ENG-101	Functional English	3+0
MATH-106	Calculus and Analytical Geometry	3+0
CS-111	Discrete Structures	3+0
SS-101	Islamic Studies/ Ethics	2+0
	Total Credit Hours	18

Semester-II

Course Code	Course Title	Credit Hours
CS-113	Object Oriented Programming	3+1
MATH-204	Multivariable Calculus	3+0
CS-114	Database Systems	3+1
MATH-107	Linear Algebra	3+0
CS-115	Digital Logic Design	3+1
	Total Credit Hours	18

Semester-III

Course Code	Course Title	Credit Hours
CS-222	Operating Systems	3+1
CS-220	Software Engineering	3+0
SS-203	Ideology and Constitution of Pakistan	2+0
CS-216	Data Structures	3+1
ENG-102	Expository Writing	3+0
	University Elective-I	2+0
	Total Credit Hours	18

Semester-IV

Course Code	Course Title	Credit Hours
CS-223	Analysis of Algorithms	3+0
CS-221	Computer Organization & Assembly Language	3+1
NS-101	Applied Physics	3+0
SE-233	Software Quality Engineering	3+0
SE-234	Software Requirement Engineering	3+0
	Total Credit Hours	16

Semester-V

Course Code	Course Title	Credit Hours
CS-319	Computer Networks	3+1
SE-331	Software Construction & Development	2+1
SE-330	Software Design & Architecture	3+0
CS-318	Artificial Intelligence	3+0
SE-340	SE Elective-I	3+0
	Total Credit Hours	16

Semester-VI

Course Code	Course Title	Credit Hours
SE-332	Software Project Management	3+0
SE-335	Parallel & Distributed Computing	3+0
SE-341	SE Elective-II	3+0
SE-342	SE Elective-III	3+0
SE-343	SE Elective-IV	3+0
SE-344	SE Elective-V	3+0
	Total Credit Hours	18

Semester-VII

Course Code	Course Title	Credit Hours
CS-417	Information Security	3+0
MATH-211	Probability & Statistics	3+0
CS-424	Final Year Project - I	3+0
	University Elective-II	3+0
	University Elective-III	3+0
	Total Credit Hours	15

Semester-VIII

Course Code	Course Title	Credit Hours
CS-425	Final Year Project - II	0+3
ENG-203	Technical & Business Writing	3+0
	University Elective-IV	3+0
	University Elective-V	2+0
	Total Credit Hours	11

Total Credit Hours = 130

CURRICULUM OF BS COMPUTER SCIENCE

Semester-I

Course Code	Course Title	Credit Hours
CS-110	Applications of Information and Communication Technologies	2+1
CS-112	Programming Fundamentals	3+1
ENG-101	Functional English	3+0
MATH-106	Calculus and Analytical Geometry	3+0
CS-111	Discrete Structures	3+0
SS-101	Islamic Studies/ Ethics	2+0
	Total Credit Hours	18

Semester-II

Course Code	Course Title	Credit Hours
CS-113	Object Oriented Programming	3+1
MATH-204	Multivariable Calculus	3+0
CS-114	Database Systems	3+1
MATH-107	Linear Algebra	3+0
CS-115	Digital Logic Design	3+1
	Total Credit Hours	18

Semester-III

Course Code	Course Title	Credit Hours
CS-222	Operating Systems	3+1
CS-220	Software Engineering	3+0
SS-203	Ideology and Constitution of Pakistan	2+0
CS-216	Data Structures	3+1
ENG-102	Expository Writing	3+0
	University Elective-I	2+0
	Total Credit Hours	18

Semester-IV

Course Code	Course Title	Credit Hours
CS-223	Analysis of Algorithms	3+0
CS-221	Computer Organization & Assembly Language	3+1
CS-230	Theory of Automata	3+0
CS-218	Artificial Intelligence	3+0
NS-101	Applied Physics	3+0
	Total Credit Hours	16

Semester-V

Course Code	Course Title	Credit Hours
CS-333	Computer Architecture	3+0
CS-319	Computer Networks	3+1
CS-332	Human Computer Interaction	3+0
CS-340	CS Elective-I	3+0
CS-341	CS Elective-II	3+0
	Total Credit Hours	16

Semester-VI

Course Code	Course Title	Credit Hours
CS-334	Compiler Construction	3+0
CS-342	CS Elective-III	3+0
CS-343	CS Elective-IV	3+0
CS-344	CS Elective-V	3+0
CS-345	CS Elective-VI	3+0
	Total Credit Hours	18

Semester-VII

Course Code	Course Title	Credit Hours
CS-417	Information Security	3+0
MATH-211	Probability & Statistics	3+0
CS-424	Final Year Project - I	0+3
CS-435	Parallel & Distributed Computing	3+0
	University Elective-III	3+0
	Total Credit Hours	15

Semester-VIII

Course Code	Course Title	Credit Hours
CS-425	Final Year Project - II	0+3
ENG-203	Technical & Business Writing	3+0
	University Elective-IV	3+0
	University Elective-V	2+0
	Total Credit Hours	11

Total Credit Hours = 130

CURRICULUM OF BS ARTIFICIAL INTELLIGENCE

Semester-I

Course Code	Course Title	Credit Hours Theory	Credit Hours Lab
CS-110	Applications of Information and Communication Technologies	2	1
CS-112	Programming Fundamentals	3	1
ENG-101	Functional English	3	0
MATH-106	Calculus and Analytical Geometry	3	0
CS-111	Discrete Structures	3	0
SS-101	Islamic Studies/ Ethics	2	0
Total Credit Hours		16	2

Semester-II

Course Code	Course Title	Credit Hours Theory	Credit Hours Lab
CS-113	Object Oriented Programming	3	1
MATH-204	Multivariable Calculus	3	0
CS-114	Database Systems	3	1
MATH-107	Linear Algebra	3	0
CS-115	Digital Logic Design	2	1
Total Credit Hours		14	3

Semester-III

Course Code	Course Title	Credit Hours Theory	Credit Hours Lab
CS-222	Operating Systems	2	1
CS-220	Software Engineering	3	0
CS-216	Data Structures	3	1
MATH-211	Probability & Statistics	3	0
CS-218	Artificial Intelligence	3	0
SS-203	Ideology and Constitution of Pakistan	2	0
Total Credit Hours		16	2

Semester-IV

Course Code	Course Title	Credit Hours Theory	Credit Hours Lab
CS-221	Computer Organization & Assembly Language	2	1
AI-230	Programming for AI	2	1
CS-219	Computer Networks	2	1
NS-101	Applied Physics	3	0
AI-231	Machine Learning	3	0
ENG-102	Expository Writing	3	0
Total Credit Hours		15	3

Semester-V

Course Code	Course Title	Credit Hours Theory	Credit Hours Lab
CS-323	Analysis of Algorithms	3	0
CS-317	Information Security	3	0
AI-345	Digital Image & Signal Processing	3	0
AI-355	Internet of Things	2	1
AI-349	Natural Language Processing	2	1
	University Elective-I	3	0
Total Credit Hours		16	2

Semester-VI

Course Code	Course Title	Credit Hours Theory	Credit Hours Lab
AI-332	Artificial Neural Networks & Deep Learning	2	1
AI-333	Computer Vision	2	1
AI-340	Mobile Application Development	2	1
AI-356	Cloud Computing	3	0
AI-350	Human-Computer Interaction	3	0
	University Elective-II	3	0
Total Credit Hours		15	3

Semester-VII

Course Code	Course Title	Credit Hours Theory	Credit Hours Lab
AI-434	Parallel & Distributed Computing	3	0
AI-454	Knowledge Representation & Reasoning	2	1
	University Elective-III	2	0
	University Elective-IV	2	0
CS-424	Final Year Project - I	0	3
Total Credit Hours		9	4

Semester-VIII

Course Code	Course Title	Credit Hours Theory	Credit Hours Lab
Eng-203	Technical & Business Writing	3	0
AI-444	Reinforcement Learning	2	1
	University Elective-V	2	0
CS-425	Final Year Project - II	0	3
Total Credit Hours		7	4

Total Credit Hours = 131

CURRICULUM OF BS COMPUTER ENGINEERING

Semester-I

Course Code	Course Title	Credit Hours
CS-110	Applications of Information and Communication Technologies	2+1
CS-112	Programming Fundamentals	3+1
ENG-101	Functional English	3+0
MATH-106	Calculus & Analytical Geometry	3+0
COMP-130	Linear Circuit Analysis	3+0
SS-101	Islamic Studies/ Ethics	2+0
Total Credit Hours		18

Semester-II

Course Code	Course Title	Credit Hours
CS-113	Object Oriented Programming	3+1
MATH-204	Multivariable Calculus	3+0
CS-114	Database Systems	3+1
MATH-107	Linear Algebra	0+1
COMP-132	Electronic Devices & Circuits	2+1
Total Credit Hours		17

Semester-III

Course Code	Course Title	Credit Hours
COMP-231	Electrical Network Analysis	2+1
CS-220	Software Engineering	3+0
CS-215	Digital Logic Design	2+1
MATH-211	Probability & Statistics	3+0
CS-219	Computer Networks	2+1
CS-223	Analysis of Algorithms	3+0
Total Credit Hours		18

Semester-IV

Course Code	Course Title	Credit Hours
CS-221	Computer Organization & Assembly Language	2+1
CS-111	Discrete Structures	3+0
CS-216	Data Structures	2+0
NS-101	Applied Physics	3+0
ENG-102	Expository Writing	2+1
COMP-234	Signals & System	
Total Credit Hours		19

Semester-V

Course Code	Course Title	Credit Hours
CS-322	Operating Systems	2+1
CS-318	Artificial Intelligence	3+0
COMP-345	Digital Signal Processing	2+1
COMP-344	Theory of Automata	3+0
COMP-340	Parallel Computer Architectures	2+1
	University Elective-2 (Introduction to Management)	2+0
Total Credit Hours		17

Semester-VI

Course Code	Course Title	Credit Hours
CS-317	Information Security	2+1
COMP-335	Parallel & Distributed Computing	2+1
COMP-346	Embedded Systems	2+1
COMP-343	Control Engineering	3+1
COMP-347	Digital Image Processing	3+1
	University Elective-II (Technical & Business Writing)	3+0
Total Credit Hours		19

Semester-VII

Course Code	Course Title	Credit Hours
COMP-449	Artificial Neural Networks & Deep Learning	2+1
COMP-441	Digital System Design	3+0
SS-403	Introduction to Marketing	3+0
GE-404	Entrepreneurship	2+0
CS-424	Final Year Project - I	0+3
Total Credit Hours		14

Semester-VIII

Course Code	Course Title	Credit Hours
GE-405	Ideology & Constitution of Pakistan	2+0
GE-406	Civics & Community Engagement	2+0
GE-407	Arts & Humanities	2+0
CS-425	Final Year Project - II	0+3
SS-408	Financial Accounting	2+0
Total Credit Hours		11

Total Credit Hours = 133
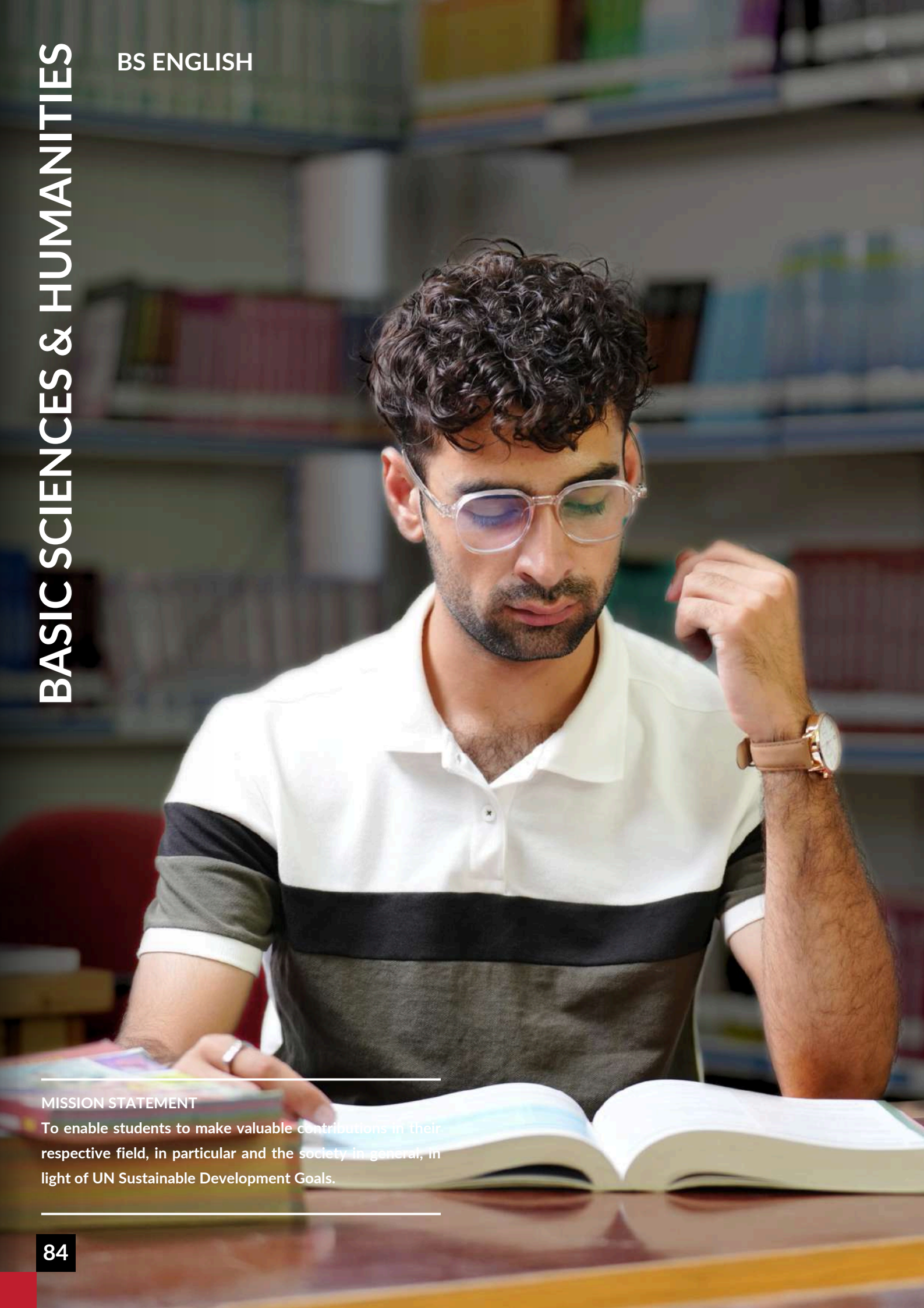
MISSION STATEMENT
To enable students to make valuable contributions in their
respective field, in particular and the society in general, in
light of UN Sustainable Development Goals.

HOD MESSAGE

"
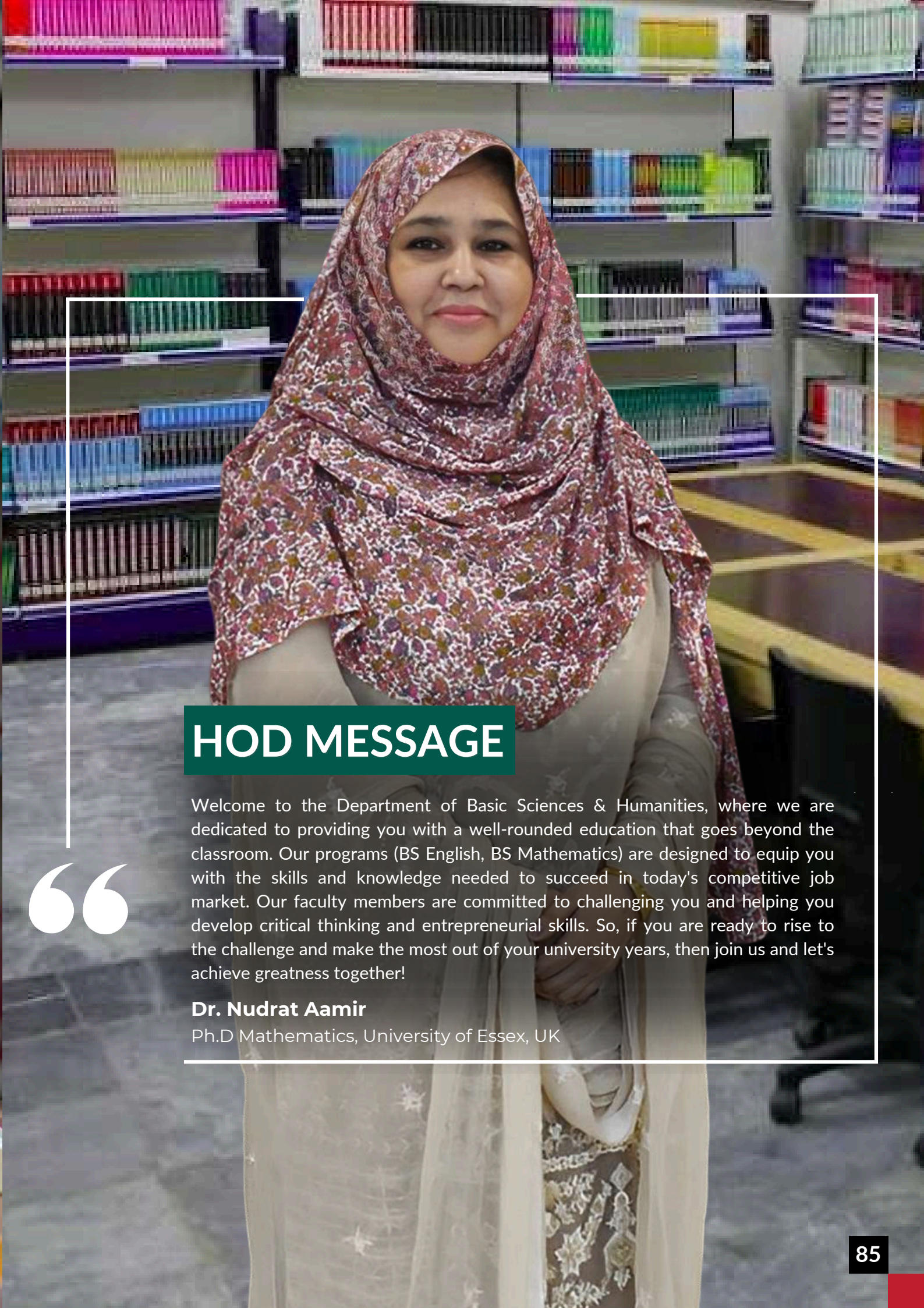
Welcome to the Department of Basic Sciences & Humanities, where we are dedicated to providing you with a well-rounded education that goes beyond the classroom. Our programs (BS English, BS Mathematics) are designed to equip you with the skills and knowledge needed to succeed in today's competitive job 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
Doctorate in Applied Mathematics
University of Essex United Kingdom

Dr. Muhammad Ibrahim
Assistant Professor
Doctorate in Applied Mathematics
University of Science & Technology Beijing, China

Dr. Farah Jaffer
Assistant Professor
Doctorate in Applied Mathematics
Shaheed Benazir Bhutto University

Mr. Adnan Hussain
Lecturer
PhD (Progress)
Qurtuba University, Peshawar

Mr. Haroon Niaz Ali Khan
Lecturer
PhD Mathematics (In Progress)
University of Peshawar

Molana Faiz ur Rehman
Lecturer
Master Islamiyat & Arabic
University of Peshawar

Ms. Arfa Noor
Lecturer
MS English University of Peshawar

Ms. Sana Irshad
Lecturer
MS Sociology IIU Islamabad

Mr. Naeem Khan
Lecturer
Master in English
University of Peshawar

Mr. Shakeel Ahmad
Lecturer
MPhil
Mathematics
University of Peshawar

Dr. Zaheer ud Din
Associate Professor
Doctorate in Applied Mathematics
UET, Peshawar

Dr. Muhammad Jamshed
Assistant Professor
Doctorate in Islamiat
Qurtba University, Peshawar

Mr. Sajjad Ahmed
Lecturer
MS in English (In Progress)
University of Peshawar

Muhammad Shahkar Khan
Lecturer
PhD Mathematics (In Progress)
University of Peshawar

Mr. Naveed Ahmad Khan
Lecturer
Ph.D Mathematics (In Progress)
University of Chinese Academy of Sciences

Muhammad Ilyas Khalil
Senior Instructor
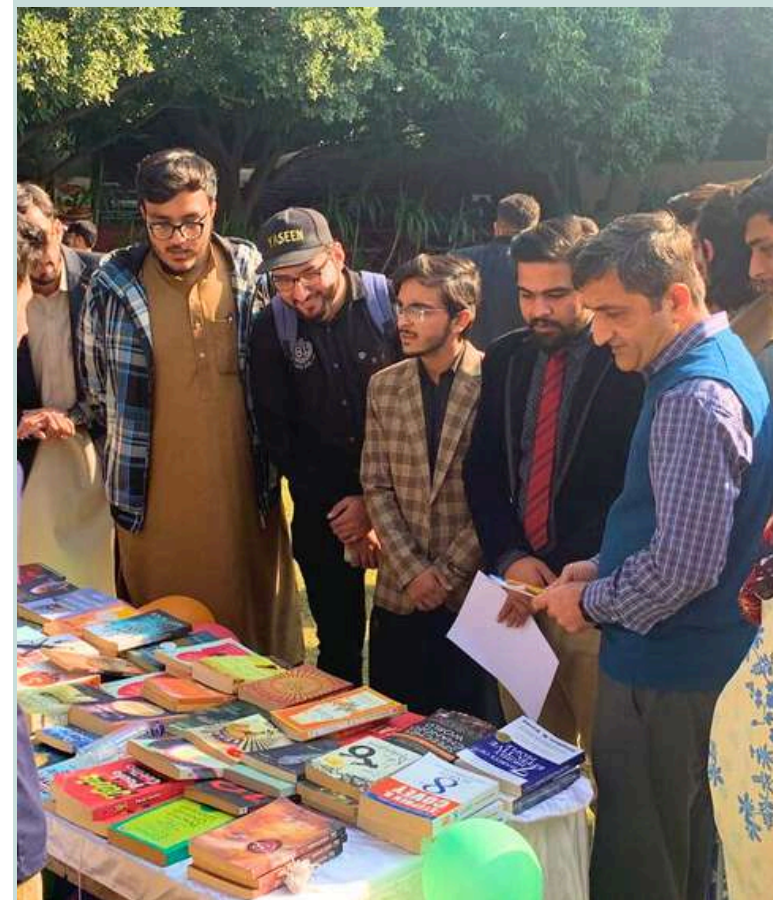MS in Pak Studies (In Progress)
University of Peshawar

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

Ms. Rimsha Gillani
Lecturer
M.Phil Mathematics
Islamia College University Peshawar

Ms. Shadab Aziz Qureshi
Lecturer
MS in English
Qurtuba University

Events

- BOOK FAIR
- LITERARY FESTIVAL
- ISTAQBAL-E-RAMAZAN

CURRICULUM OF ENGLISH

Semester-I

Course Code	Course Title	Credit Hours
ENG-101	Functional English	3+0
SS-103	Introduction to History	3+0
MATH-101	Mathematics-I	3+0
SS-109	Introduction to Sociology	2+0
BIO-104	Introduction to Biology	2+1
ENG-113	Introduction to English Literature	3+0
Total Credit Hours		17

Semester-II

Course Code	Course Title	Credit Hours
MGT-431	Entrepreneurship	2+0
SS-104	Introduction to Philosophy	2+0
MATH-102	Mathematics –II	3+0
CS-191	Applications of Information & Communication Technology	2+1
SS-204	Civics & Community Engagement	2+0
ENG-115	History of English Literature-I	3+0
ENG-121	Introduction to Linguistics	3+0
SS-207	Understanding Quran	
Total Credit Hours		18

Semester-III

Course Code	Course Title	Credit Hours
SS-108	Introduction to Psychology	3+0
ENG-211	English Poetry	3+0
ENG-222	Morphology and Syntax	3+0
ENG-223	TEFL-I	3+0
ENG-102	Expository Writing	3+0
Total Credit Hours		15

Semester-IV

Course Code	Course Title	Credit Hours
SS-101	Islamic Studies	2+0
ENG-221	Semantics	3+0
ENG-216	History of English Literature-II	3+0
ENG-212	Critical Reading Towards Critical Writing	3+0
ENG-213	Literary Criticism-I	3+0
SS-203	Ideology & Constitution of Pakistan	2+0
ENG-224	TEFL-II	3+0
Total Credit Hours		19

Semester-V

Course Code	Course Title	Credit Hours
ENG-312	English Drama	3+0
ENG-313	Literary Criticism-II	3+0
ENG-326	Psycholinguistics	3+0
ENG-322	Sociolinguistics	3+0
ENG-314	English Novel	3+0
LLB-101	Introduction to Law	3+0
Total Credit Hours		18

Semester-VI

Course Code	Course Title	Credit Hours
SS-206	Introduction to Journalism	3+0
ENG-315	English Prose	3+0
ENG-324	Language Teaching Methodologies	3+0
ENG-325	Discourse Analysis	3+0
ENG-321	Stylistics	3+0
Total Credit Hours		15

Students will undertake internships during the summer break after their sixth semester. Consequently, the evaluation of their internship will be incorporated into their seventh-semester before the submission of their internship reports to the respective department.

Semester-VII

Course Code	Course Title	Credit Hours
ENG-411	Post-Colonial Literature	3+0
ENG-413	Creative Writing	3+0
ENG-412	Women's Writings	3+0
ENG-421	Pragmatics	3+0
ENG-422	Phonetics and Phonology	3+0
ENG-491	Research Methodology	3+0
SS-401	Internship	3+0
Total Credit Hours		21

Semester-VIII

Course Code	Course Title	Credit Hours
ENG-492	Research Project	3+0
ENG-499	Elective Subjects	3+0
ENG-	Elective Subjects	3+0
ENG-	Elective Subjects	3+0
Total Credit Hours		12

Total Credit Hours = 135

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.

PHARMACY
ALLIED HEALTH SCIENCES
INSTITUTE OF INTEGRATIVE BIOSCIENCES

DEAN MESSAGE

" 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

DEPARTMENT OF PHARMACY

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.

HOD MESSAGE

"
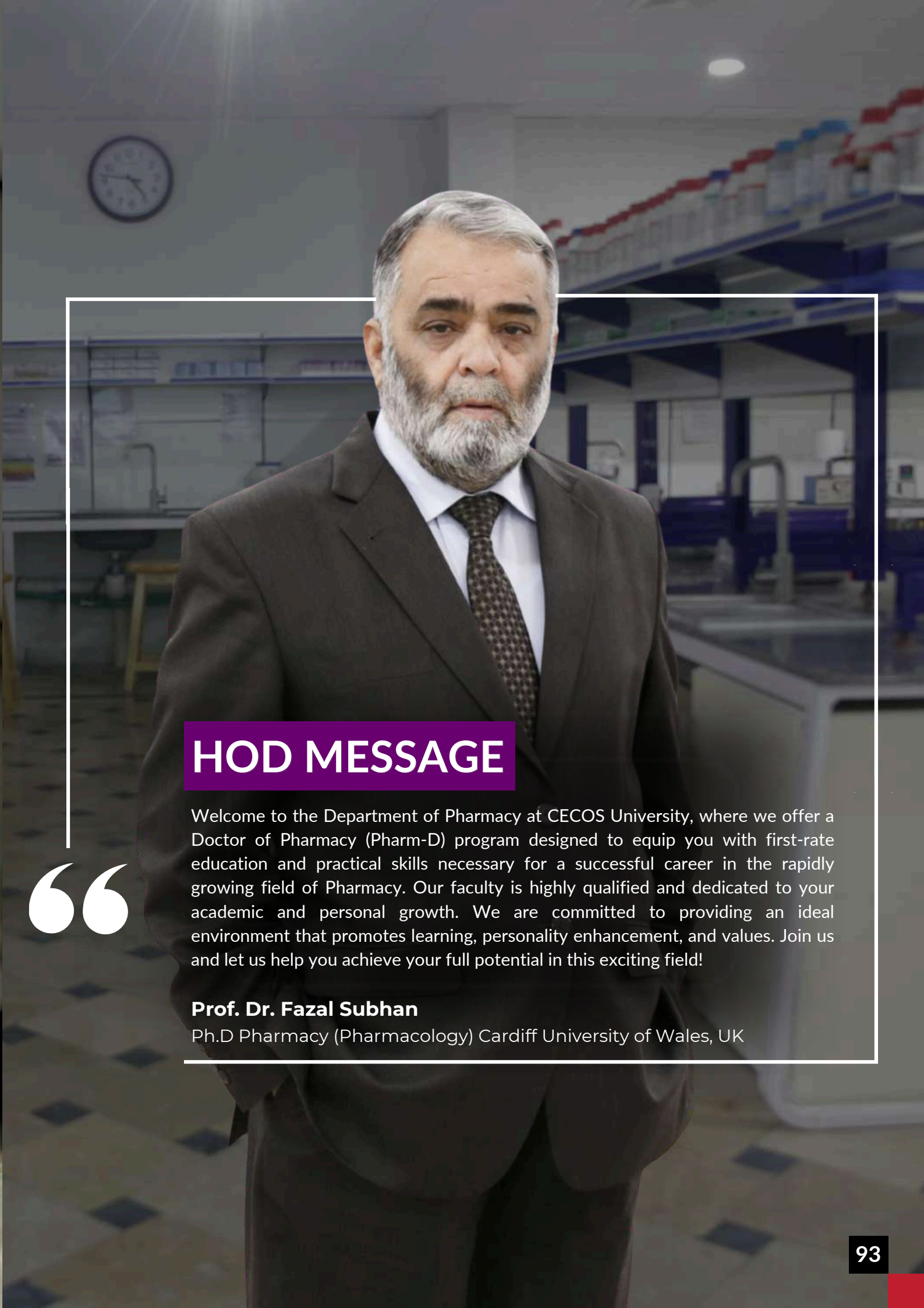
Welcome to the Department of Pharmacy at CECOS University, where we offer a Doctor of Pharmacy (Pharm-D) program designed to equip you with first-rate education and practical skills necessary for a successful career in the rapidly growing field of Pharmacy. Our faculty is highly qualified and dedicated 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 Pharmacy
Ph.D. Pharmacology
Cardiff University of Wales, UK

Dr. Shehla Akbar
Associate Professor/Academic
Coordinator
Ph.D. Pharmacology
University of Peshawar

Dr. Muhammad Shahid
Associate Professor
Ph.D. Pharmacy
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 Pharmacy Practice
Universiti Sains Malaysia

Mrs. Urooj Aman
Lecturer
M.Phil Pharmacology
University of Peshawar

Miss Sana Haider
Lecturer
Ph.D Clinical Pharmacy
University of Peshawar

Ms. Anam Talat
Lecturer
M-Phil
Pharmaceutics
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. Saad Salman
Assistant Professor
Ph.D. Pharmaceutics
Government College University Faisalabad

Dr. Muhammad Asif Shahzad
Assistant Professor
Ph.D. Pharmaceutical Chemistry
Gomal University, Dera Ismail Khan

Dr. Siraj
Assistant Professor
Ph.D.Pharmaceutical Chemistry
Quaid-i-Azam University, Islamabad,

Mr. Umair Ahmad
Lecturer
M.Phil Pharmaceutics
COMSATS Abbottabad

Mr. Hamzalah
Lecturer
M.Phil Pharmaceutics
University of Peshawar

Ms Haseeba Khan
Lecturer
MS Pharmacology
COMSATS Islamabad

Miss Yamema Younatan
Lecturer
M.Phil Pharmacognosy
Quaid-e-Azam University

Mr. Attaullah
Lecturer
M-Phil Pharmacology
AUKM, Mardan

Dr. Abdul Baseer
Professor
Ph.D. Pharmaceutics
Saarland University, Germany

Dr. Hamid Iqbal
Assistant Professor
Ph.D.Basic Medical Sciences
Sungkyunkwan University, South Korea

Dr. Muzna Ali Khattak
Assistant Professor
Ph.D. Pharmaceutics
University of Peshawar, Pakistan

Dr. Mehreen Rahman
Assistant Professor
Ph.D. Pharmaceutics
University of Peshawar, Pakistan

Dr. Kamran Hidayat Ullah
Assistant Professor
Ph.D. Pharmaceutics
Quaid-i-Azam University, Islamabad,
Pakistan

Dr. Faiz Ullah Khan
Assistant Professor
Ph.D. Clinical Pharmacy
Xi'an Jiaotong University, China

Dr. Farman Ullah Khan
Assistant Professor
Ph.D. Clinical Pharmacy
Xi'an Jiaotong University, China

Dr. Mujeeb Ur Rahman
Assistant Professor
Ph.D.Pharmacology
Quaid-i-Azam University, Islamabad,
Pakistan

Mrs. Sidra Batool
Lecturer
M-Phil Pharmaceutics
Riphah International University
Islamabad

Pharma Fair

Every year, the Department of Pharmacy organizes Pharma Fair event to create awareness on drug misuse, public health, advanced medicine, treatment, medicine development and the use of medicine.

CURRICULUM OF PHARMCY

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-IIA (Biochemistry)	3+1
PHARM-141	Physiology-A	3+1
PHARM-143	Anatomy & Histology	3+1
Total Credit Hours		22

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-IIB (Biochemistry)	3+1
PHARM-142	Physiology-B	3+1
Total Credit Hours		20

Semester-III

Course Code	Course Title	Credit Hours
SS-200	Islamiat	3+0
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+0
Total Credit Hours		22

Semester-IV

Course Code	Course Title	Credit Hours
SS-102	Pakistan Studies	2+0
PHARM 214	Pharmaceutics-IIB (Dosage Form Science)	3+1
PHARM 216	Pharmaceutics-IIIB Pharmaceutical Microbiology & Immunology	3+1
PHARM 245	Pharmacology and Therapeutics-IB	3+1
PHARM 232	Pharmacognosy-IB (Basic)	3+1
PHARM 252	Pharmacy Practice-IB (Biostatistics)	3+0
Total Credit Hours		21

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-348	Pathology	3+1
Total Credit Hours		20

Semester-VI

Course Code	Course Title	Credit Hours
PHARM-354	Pharmacy Practice-IIB (Community, Social and Administrative Pharmacy)	3+0
PHARM-326	Pharmaceutical Chemistry-IIIB (Pharmaceutical Analysis)	3+1
PHARM-347	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-VII

Course Code	Course Title	Credit Hours
PHARM-456	Pharmacy Practice-IVA (Hospital Pharmacy)	3+0
PHARM-458	Pharmacy Practice-VA (Clinical Pharmacy)	3+1
PHARM-411	Pharmaceutics-IVA (Industrial Pharmacy)	3+1
PHARM-413	Pharmaceutics-VA (Biopharmaceutics & Pharmacokinetics)	3+1
PHARM-415	Pharmaceutics-VIA (Pharmaceutical Quality Management)	3+1
Total Credit Hours		19

Semester-VIII

Course Code	Course Title	Credit Hours
PHARM-457	Pharmacy Practice-IVB (Hospital Pharmacy)	3+0
PHARM-459	Pharmacy Practice-VB (Clinical Pharmacy)	3+1
PHARM-412	Pharmaceutics-IVB (Industrial Pharmacy)	3+1
PHARM-414	Pharmaceutics-VB (Biopharmaceutics & Pharmacokinetics)	3+1
PHARM-416	Pharmaceutics-VIB (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)	3+1
PHARM-553	Pharmacy Practice-VIIA (Forensic Pharmacy)	3+0
PHARM-555	Pharmacy Practice-VIIIA (Pharmaceutical Management and Marketing)	3+0
PHARM-527	Pharmaceutical Chemistry-IVA(Medicinal Chemistry)	3+1
Total Credit Hours		18

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-VIIIB (Forensic Pharmacy)	3+0
PHARM-556	Pharmacy Practice-VIIIB (Pharmaceutical Management and Marketing	3+0
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

PHARMACY LABS

- Basic Medical Science Lab
- Pharmaceutical Chemistry
- Pharmaceutics Lab
- Pharmacognosy Lab
- Industrial Lab
- Quality Control Lab

DOCTOR OF PHYSICAL THERAPY
BS MEDICAL LAB TECHNOLOGY
BS ANESTHESIA TECHNOLOGY
BS DENTAL TECHNOLOGY
BS RADIOLOGY 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.

HOD MESSAGE

"

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

P.hD 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
Lecturer
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. Samiullah
Lecturer
MLT
MPhil Molecular Biology ICU Peshawar

Dr. Tanzeela Rehman
Lecturer
DPT RMI Peshawar
MS (SPT) RIU Islamabad

Dr. Muhammad Ismail Khan
Lecturer/Academic Coordinator
DPT Abasyn University Peshawar
MS (SPT) RIU, Islamabad

Dr. Nazneen Qureshi
Lecturer
DPT KMU, Peshawar
MS (MSPT) KMU, IPMR, Peshawar

Dr. Syed Basith Ali Shah
Lecturer
DPT NCS 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

Mr. Zeeshan Nazir
Lecturer
MLT KMU, IPMS, Peshawar
MPhil Molecular Biology ICU Peshawar

Dr. Aftab Ahmed Khan
Demonstrator
DPT Abasyn University Peshawar
MS*(NMPT) STMU, Islamabad

Dr. Suneeta Tariq
Lecturer
DPT NCS University, Peshawar
MS (SPT) RIU Islamabad

HEALTH SCIENCES LABS

- Biomechanics and skill Lab
- Anatomy and Physiology Lab
- MLT Lab
- Physical Therapy Clinic
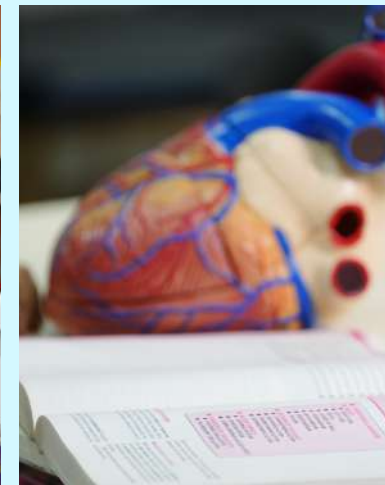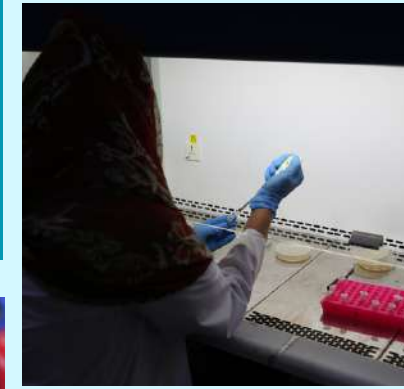
CURRICULUM OF BS MEDICAL LAB TECHNOLOGY

Semester-I

Course Code	Course Title	Credit Hours
ENG-101	Functional English	3+0
SS-101	Islamic Studies/Ethics	2+0
SS-104	Introduction to Philosophy	2+0
BIO-101	Fundamentals of Biology	3+1
BIO-111	Fundamentals of Chemistry	3+0
MATH-109	Mathematics	3+0
Total Credit Hours		17

Semester-II

Course Code	Course Title	Credit Hours
ENG-102	Expository writing	3+0
SS-203	Ideology & Constitution of Pakistan	2+0
MLT-141	Human Physiology –I	2+1
MLT-142	Human Anatomy-I	2+1
DPT-314	Behavioral Sciences	3+0
CS-110	Applications of Information & comuunication Techonolies	2+1
SS-205	Understanding Quran	
Total Credit Hours		17

Semester-III

Course Code	Course Title	Credit Hours
MLT-231	General Pathology-I	2+1
MLT-242	Human Physiology-II	2+1
MLT-241	Phlebotomy	2+1
MLT-244	Hematology-I	2+1
MLT-243	Human anatomy -II	2+1
CH-211	Biochemistry-I	2+1
Total Credit Hours		18

Semester-IV

Course Code	Course Title	Credit Hours
MLT-245	Hematology-II	2+1
MLT-202	Human Genetics	2+0
MLT-232	General Pathology-II	2+1
SS-204	Civic and Community Engagement	2+0
MGT-431	Entrepreneurship	2+0
CH-212	Biochemistry II	2+1
BIO-324	Biostatistics	3+0
Total Credit Hours		18

Semester-V

Course Code	Course Title	Credit Hours
MLT-303	Molecular biology	2+1
MLT-333	Histopathology	2+1
MLT-322	Clinical Virology & Mycology	2+1
MLT-334	Clinical Pathology	2+1
MLT-342	Pharmacology-I	2+1
MLT-341	Medical Lab Instrumentation	2+1
Total Credit Hours		18

Semester-VI

Course Code	Course Title	Credit Hours
MLT-344	Bioinformatics	2+1
MLT-321	Bacteriology	2+1
MLT-345	Blood Banking	2+1
MLT-346	Cytology & Cytogenetics	2+1
MLT-323	Clinical Parasitology	2+1
MLT-343	Pharmacology-II	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-435	Chemical pathology	2+1
MLT-421	Immunology & Serology	2+1
MLT-442	Advances in medical Lab technology	2+1
	Internship	3+0
Total Credit Hours		17

Semester-VIII

Course Code	Course Title	Credit Hours
MLT-443	Biosafety & Biosecurity	2+1
MLT-444	Medical Lab Management Skills	2+1
MLT-445	Epidemiology & Public Health	3+0
MLT-446	Bioethics	2+0
RES-425	Research Project	0+3
MLT-447	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

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CURRICULUM OF DOCTOR OF PHYSICAL THERAPY

Semester-I

Course Code	Course Title	Credit Hours
DPT-110	Human Anatomy-I	3+1
DPT-114	Human Physiology-I	2+1
SS-104	Introduction to Philosophy	2+0
SS-101	Islamic Studies/Ethics	2+0
ENG-101	Functional English	3+0
BIO-101	Fundamental of Biology	3+1
Total Credit Hours		18

Semester-II

Course Code	Course Title	Credit Hours
DPT-111	Human Anatomy-II	3+1
DPT-115	Human Physiology-II	2+1
CS-110	Application of Information & Communication Technologies	2+1
ENG-102	Expository Writing	3+0
SS-203	Ideology & Constitution of Pakistan	2+0
DPT-314	Behavioral Sciences	3+0
SS-207	Understanding Quran	
Total Credit Hours		18

Semester-III

Course Code	Course Title	Credit Hours
DPT-212	Human Anatomy-III	2+1
DPT-216	Human Physiology-III	2+1
DPT-120	Kinesiology-I	2+1
DPT-224	Medical Physics	3+0
MATH-109	Mathematics	3+0
SS-204	Civics & Community Engagement	2+0
Total Credit Hours		17

Semester-IV

Course Code	Course Title	Credit Hours
DPT-213	Human Anatomy-IV (Neuroanatomy)	2+1
DPT-217	Human Physiology-IV (Exercise Physiology)	2+1
DPT-121	Kinesiology-II	2+1
BIO-324	Biostatistics	3+0
MGT-431	Entrepreneurship	2+0
DPT-218	Biochemistry & Genetics I	2+0
Total Credit Hours		16

Semester-V

Course Code	Course Title	Credit Hours
DPT-310	Basic Pathology & Microbiology	2+0
DPT-311	Pharmacology-I	2+0
DPT-321	Physical Agents & Electrotherapy-I	2+1
DPT-323	Health and Wellness	2+0
DPT-340	Supervised Clinical Practice-I	0+3
DPT-219	Biochemistry & Genetics-II	2+1
DPT-222	Biomechanics & Ergonomics-I	3+0
Total Credit Hours		18

Semester-VI

Course Code	Course Title	Credit Hours
DPT-223	Biomechanics & Ergonomics-II	2+1
DPT-312	Pharmacology-II	3+0
DPT-322	Physical Agents & Electrotherapy-II	2+1
DPT-330	Musculoskeletal Physical therapy	2+1
DPT-341	Supervised Clinical Practice-II	0+3
DPT-313	Therapeutic Exercises & Techniques	2+1
Total Credit Hours		18

Semester-VII

Course Code	Course Title	Credit Hours
DPT-410	Medicine-I	3+0
DPT-412	Surgery-I	3+0
DPT-450	Evidence Based Physical Therapy	2+1
DPT-430	Manual Therapy	2+1
DPT-440	Supervised Clinical Practice-III	0+3
DPT-225	Community Medicine & Rehabilitation	2+1
Total Credit Hours		18

Semester-VIII

Course Code	Course Title	Credit Hours
DPT-411	Medicine-II	3+0
DPT-413	Surgery-II	3+0
DPT-431	Neurological Physical Therapy	2+1
DPT-414	Radiology & Diagnostic Imaging	2+1
DPT-441	Supervised Clinical Practice-IV	0+3
DPT-432	Emergency procedures & primary care in physical therapy	2+1
Total Credit Hours		18

Semester-IX

Course Code	Course Title	Credit Hours
DPT-530	Cardiopulmonary Physical Therapy	2+1
DPT-520	Prosthetics & Orthotics	2+0
DPT-531	Integumentary Physical therapy	2+0
DPT-542	Clinical Decision Making & Differential Diagnosis	3+0
DPT-451	Scientific inquiry & Research methodology	2+1
DPT-540	Supervised Clinical Practice-V	0+3
DPT-521	Professional Practice	2+0
Total Credit Hours		18

Semester-X

Course Code	Course Title	Credit Hours
DPT-532	Obstetrics & Gynecological Physical Therapy	2+0
DPT-533	Pediatric Physical Therapy	2+0
DPT-534	Gerontology & Geriatric Physical Therapy	2+0
DPT-535	Sports Physical Therapy	2+0
DPT-541	Supervised Clinical Practice-IV	0+4
DPT-551	Research Project	0+6
Total Credit Hours		18

Total Credit Hours = 177

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

CURRICULUM OF BS ANESTHESIA TECHNOLOGY

Semester-I

Course Code	Course Title	Credit Hours
ANS-111	Human Anatomy-I	2+1
ANS-121	Human Physiology-I	2+1
SS-104	Introduction to Philosophy	2+0
SS-101	Islamic Studies/Ethics	2+0
ENG-101	Functional English	3+0
AHS-101	Fundamental of Physics	3+0
Total Credit Hours		16

Semester-II

Course Code	Course Title	Credit Hours
ANS-112	Human Anatomy-II	2+1
ANS-122	Human Physiology-II	2+1
CS-110	Application of Information & Communication Technologies	2+1
ENG-102	Expository Writing	3+0
SS-203	Ideology & Constitution of Pakistan	2+0
DPT-314	Behavioral Sciences	3+0
SS-207	Understanding Quran	
Total Credit Hours		17

Semester-III

Course Code	Course Title	Credit Hours
ANS-213	Microbiology	2+1
ANS-223	Biochemistry-I	2+1
ANS-241	Hematology	2+1
ANS-251	General Pathology-I	2+1
MATH-109	Mathematics	3+0
SS-204	Civics & Community Engagement	2+0
Total Credit Hours		17

Semester-IV

Course Code	Course Title	Credit Hours
ANS-224	Community Medicine	2+0
ANS-225	Biochemistry-II	2+1
ANS-242	General Pathology-II	2+1
BIO-324	Biostatistics & Research Methodology	2+0
MGT-431	Entrepreneurship	2+0
ANS-252	Pharmacology-I	2+0
ANS-261	Epidemiology	2+0
Total Credit Hours		17

Semester-V

Course Code	Course Title	Credit Hours
ANS-343	Anatomy Related to Anesthesia	2+1
ANS-353	Pharmacology-II	2+1
ANS-362	Blood Banking	2+1
ANS-371	Physics Related To Anesthesia	2+1
ANS-363	Physiology Related To Anesthesia	2+1
ANS-372	Anesthesia Equipment's	2+1
Total Credit Hours		18

Semester-VI

Course Code	Course Title	Credit Hours
ANS-344	Pharmacology Related To Anesthesia	2+1
ANS-354	History Taking Pre-Operative Assessment & Medication Post-Op Care	2+1
ANS-364	Critical Care	2+1
ANS-373	Leadership And Management	2+0
ANS-374	Anesthesia And Co-Existing Diseases	2+1
ANS-345	Different Types of Anesthesia	2+1
Total Credit Hours		17

Semester-VII

Course Code	Course Title	Credit Hours
ANS-446	Anesthesia Related Complications And Their Management	2+1
ANS-455	Anesthesia For Cardiothoracic Surgery	2+1
ANS-465	Anesthesia For Neuro, Emergency And Geriatric Surgery	2+1
ANS-475	Anesthesia For General Surgery, Orthopedic and Urological Procedures	2+1
ANS-456	Anesthesia For Eye Surgical Procedures	2+1
ANS-466	Anesthesia For Ear Nose And Throat Surgeries	2+1
Total Credit Hours		18

Semester-VIII

Course Code	Course Title	Credit Hours
ANS-447	Anesthesia For Obstetric And Pedantic Surgery	2+1
ANS-457	Electrocardiograph For Anesthetist	2+1
ANS-467	Anesthesia For Dental, Maxillofacial, Head and Neck Surgeries	2+1
ANS-476	Bioethics	2+0
ANS-477	Research Project	0+6
Total Credit Hours		17

Total Credit Hours = 137

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

CURRICULUM OF BS DENTAL TECHNOLOGY

Semester-I

Course Code	Course Title	Credit Hours
DT-111	Human Anatomy-I	2+1
DT-121	Human Physiology-I	2+1
SS-104	Introduction to Philosophy	2+0
SS-101	Islamic Studies/Ethics	2+0
ENG-101	Functional English	3+0
BIO-101	Fundamental of Biology	3+1
Total Credit Hours		17

Semester-II

Course Code	Course Title	Credit Hours
DT-112	Human Anatomy-II	2+1
DT-122	Human Physiology-II	2+1
CS-110	Application of Information & Communication Technologies	2+1
ENG-102	Expository Writing	3+0
SS-203	Ideology & Constitution of Pakistan	2+0
DPT-314	Behavioral Sciences	3+0
SS-207	Understanding Quran	
Total Credit Hours		17

Semester-III

Course Code	Course Title	Credit Hours
DT-231	Oral Biology	2+1
DT-241	Biochemistry-I	2+1
DT-251	Dental Materials-I	2+1
DT-261	General Pathology	2+1
MATH-109	Mathematics	3+0
SS-204	Civics & Community Engagement	2+0
Total Credit Hours		17

Semester-IV

Course Code	Course Title	Credit Hours
DT-232	Dental Materials-II	2+1
DT-242	Biochemistry-II	2+1
DT-252	Microbiology	2+1
BIO-324	Biostatistics & Research Methodology	2+1
MGT-431	Entrepreneurship	2+0
DT-262	Pharmacology-I	2+0
Total Credit Hours		17

Semester-V

Course Code	Course Title	Credit Hours
DT-333	Tooth Morphology	2+1
DT-343	Pharmacology-II	2+1
DT-353	Oral Pathology and Oral Medicine-I	2+1
DT-363	Periodontology	2+1
DT-371	Partial Denture Prosthesis	2+1
DT-334	Minor Oral Surgery-I	2+1
Total Credit Hours		18

Semester-VI

Course Code	Course Title	Credit Hours
DT-344	Oral Pathology and Oral Medicine-II	2+1
DT-354	Community and Preventive Dentistry	2+1
DT-364	Fundamentals of Dental Radiology	2+1
DT-372	Operative Dentistry	2+1
DT-373	Orthodontics-I	2+1
DT-355	Minor Oral Surgery-II	2+1
Total Credit Hours		18

Semester-VII

Course Code	Course Title	Credit Hours
DT-455	Orthodontics-II	2+1
DT-465	Pediatric Dentistry	2+1
DT-474	Evidence-Based Dentistry	2+1
DT-436	Endodontics	2+1
DT-445	Complete Denture Prosthesis	2+1
DT-475	Fixed Prosthesis	2+1
Total Credit Hours		18

Semester-VIII

Course Code	Course Title	Credit Hours
DT-456	Fundamentals of Implantology	2+1
DT-466	Medical Emergencies in Dental Practice	2+1
DT-446	Maxillofacial Prosthesis	2+1
DT-476	Bioethics	2+0
DT-438	Research Project	0+6
Total Credit Hours		17

Total Credit Hours = 139

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

CURRICULUM OF BS RADIOLOGY TECHNOLOGY

Semester-I

Course Code	Course Title	Credit Hours
RAD-111	Human Anatomy-I	2+1
RAD-121	Human Physiology-I	2+1
SS-104	Introduction to Philosophy	2+0
SS-101	Islamic Studies/Ethics	2+0
ENG-101	Functional English	3+0
AHS-101	Fundamental of Physics	3+0
Total Credit Hours		16

Semester-II

Course Code	Course Title	Credit Hours
RAD-112	Human Anatomy-II	2+1
RAD-122	Human Physiology-II	2+1
CS-110	Application of Information & Communication Technologies	2+1
ENG-102	Expository Writing	3+0
SS-203	Ideology & Constitution of Pakistan	2+0
DPT-314	Behavioral Sciences	3+0
SS-207	Understanding Quran	
Total Credit Hours		17

Semester-III

Course Code	Course Title	Credit Hours
RAD-213	Regional & Radiological Anatomy-I	2+1
RAD-223	Biochemistry-I	2+1
RAD-241	General Radiology	2+1
RAD-251	General Pathology	2+1
MATH-109	Mathematics	3+0
SS-204	Civics & Community Engagement	2+0
Total Credit Hours		17

Semester-IV

Course Code	Course Title	Credit Hours
RAD-214	Regional & Radiological Anatomy-II	2+1
RAD-224	Biochemistry-II	2+1
RAD-242	Radiation Sciences & Technology	2+1
BIO-324	Biostatistics & Research Methodology	2+1
MGT-431	Entrepreneurship	2+0
RAD-252	Pharmacology	2+0
Total Credit Hours		17

Semester-V

Course Code	Course Title	Credit Hours
RAD-343	Clinical Medicine-I	1+1
RAD-353	Conventional Radiological Procedures & Clinical Practice	2+1
RAD-361	Radiological Positioning & Clinical Practice	2+1
RAD-371	Computed & Digital Radiography (CR & DR)	1+1
RAD-344	Radiobiology & Radiation Protection	1+1
RAD-354	Computed Tomography (CT)	2+1
RAD-362	General Surgery	1+1
Total Credit Hours		18

Semester-VI

Course Code	Course Title	Credit Hours
RAD-345	Mammography & Special Radiological Techniques	2+1
RAD-355	Magnetic Resonance Imaging (MRI)	2+1
RAD-363	Interventional Radiology	1+1
RAD-372	Clinical Medicine-II	1+1
RAD-373	Radiological & Cross Sectional Anatomy	2+1
RAD-364	Computed Tomography (CT) Procedures & Clinical Practice	2+1
Total Credit Hours		17

Semester-VII

Course Code	Course Title	Credit Hours
RAD-446	Magnetic Resonance Imaging (MRI) Procedures & Clinical Practice	2+1
RAD-456	Therapeutic Radiology	2+1
RAD-474	Clinical Sonography	2+1
RAD-447	Angiography & Cardiac Imaging	2+1
RAD-475	Nuclear Medicine	2+1
Total Credit Hours		15

Semester-VIII

Course Code	Course Title	Credit Hours
RAD-476	Echocardiography	1+1
RAD-466	Electrocardiography (ECG)	1+1
RAD-457	Clinical Pathology & Radiology Presentation	1+1
RAD-448	Patient Care & Management	2+0
RAD-477	Bioethics	2+0
RAD-467	Research Project	0+6
Total Credit Hours		16

Total Credit Hours = 130

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

INSTITUTE OF INTEGRATIVE BIOSCIENCES

HOD MESSAGE

The Institute of Integrative Biosciences (IIB) is dedicated to nurturing future innovators and leaders in life sciences through our BS in Biotechnology and BS in Microbiology programs.

The BS in Biotechnology program offers a comprehensive understanding of biotechnology principles and applications, with hands-on experience in cutting-edge labs, preparing you for a career in the biotechnology industry.

The BS in Microbiology program delves into the study of microorganisms and their impacts on health, agriculture, and the environment, equipping you with a strong foundation in microbiological principles and techniques.

Our experienced faculty provides invaluable guidance, ensuring you receive top-notch education and training. Explore our programs and discover the opportunities at the IIB.

Dr. Muhammad Shahid

PhD, University of Peshawar, Peshawar

MISSION STATEMENT

IIB is dedicated to providing cutting-edge education and hands-on experience in biotechnology and microbiology. Our mission is to equip students with the expertise and practical skills essential for success in the biotech industries. We strive to produce graduates who are not only well-versed in advanced knowledge but also industry-ready, ensuring they are poised for seamless integration into graduate studies or thriving careers within corporations.

Dr. Muhammad Shahid
Head of Institute of Integrative Biosciences
Associate Professor
PhD, University of Peshawar, Peshawar

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

Ms. Maryam Anwar
Lecturer
FYP Coordinator
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

Mr. Muhammad Aamir Wahab, Gold Medalist
Lecturer
M.Phil. Biotechnology & Genetic Engineering
Institute of Biotechnology & Genetic Engineering
The University of Agriculture Peshawar
(On Study Leave)

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

Ms. Mushkbar Fatima
Lecturer
Academic Coordinator
MS Industrial Biotechnology
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National University of Science & Technology,
Islamabad

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

IIB Activities

- TRAININGS
- SESSIONS
- BOOTCAMP

CURRICULUM OF BS BIOTECHNOLOGY

Semester-I

Course Code	Course Title	Credit Hours
BIO-101	Fundamentals of Biology	3+1
BIO-111	Fundamentals of Chemistry	3+1
MATH-103	Pre-Calculus	3+0
BIO-102	Cell Biology	3+1
ENG-101	English-I	3+0
Total Credit Hours		18

Semester-II

Course Code	Course Title	Credit Hours
BIO-429	Entrepreneurship	2+0
SS-102	Pakistan Studies	2+0
SS-201	Logical & Scientific Reasoning	2+0
MATH-104	Calculus	3+0
ENG-102	English-II	3+0
BIO-103	Classical Genetics	2+0
SS-101	Islamic Studies	2+0
SS-204	Civics Community & Engagement	2+0
SS-205	Quran Understanding	0
Total Credit Hours		18

Semester-III

Course Code	Course Title	Credit Hours
BIO-221	Biochemistry-I	3+1
BIO-204	Plant Physiology & Pathology	3+0
BIO-205	Molecular Biology	3+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-105	Introduction to Economics	2+0
BIO-208	Immunology	3+0
BIO-272	Analysis of Biomolecules	3+0
CS-191	Introduction to ICT	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
BIO-209	RNA Biology	3+0
BIO-374	Recombinant DNA Technology	2+1
BIO-381	Agriculture Biotechnology	3+0
CS-109	Computer Programming	1+2
Total Credit Hours		18

Semester-VI

Course Code	Course Title	Credit Hours
BIO-375	Biosafety and 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-493	Field Work	3+0
Total Credit Hours		15

Semester-VIII

Course Code	Course Title	Credit Hours
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		10

Total Credit Hours = 132

HOW TO APPLY
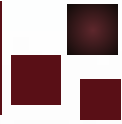
You Can Apply for Admission in CECOS University Through Any of the Following Processes

1.ONLINE APPLICATION

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

ONLINE FORM FILLING

a. Kindly click on APPLY NOW button to create your login
b. Click on the new user account and create your login.
c. Deposit Rs.1500/- for BS programs & Rs.2000/- for MS programs in any of the following bank accounts of CECOS
d. Login with your credentials and select your program preferences & submit the application.

BANK ACCOUNT DETAILS

Bank Name:
JS Bank Ltd. (JSBLI)
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

2. PAPER APPLICATION

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

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.

3. VISIT CAMPUS OR CONTACT US FOR QUERIES

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

OR

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

SCHOLARSHIPS

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

1. Limited merit based scholarships

- Students who scored 90% marks in HSSC will get 100% scholarship
- Students who scored 80% marks in HSSC will get 50% scholarship
- Students who scored 70% marks in HSSC will get 25% scholarship

2. Worker welfare board scholarship

Scholarships for children of registered workers or deceased workers (with death grant).

3. Need based scholarship

Need based scholarships/financial assistance will be offered in financial hardship cases.

4. Female Scholarship

20% concession in tuition fee for all female students.

5. Kin-based Concession

20% concession in tuition fee on Kin ship basis

6. Children of Armed forces

15% concession in tuition fee for children of Armed forces personnel.

7. DAFI Scholarship

Afghan Refuge Students will get scholarships as per Policy of DAFI.

8. Ihsan Trust Loan

Students can avail Interest free loan through Ihsan Trust for continuation of their studies.

9. Alumni Concession

50% concession in Tuition Fee for Gold Medalists of BS program of CECOS University who get admission in MS Program during one year of their graduation.

15% Fee concession in tuition fee for the graduates of CECOS University who get admission in MS programs.

SCHOLARSHIP HOLDERS

"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

The CECOS University Talent Hunt Scholarship is a prestigious opportunity for aspiring students to showcase their exceptional talents and receive financial support for their education. This scholarship aims to recognize and reward individuals who demonstrate outstanding abilities in various fields such as academics.

Interested candidates apply by filling this Google Form application by visiting our website www.cecos.edu.pk/scholorships

Tuition Fee Waiver	Distribution
100%	For Top 3 Candidates having Minimum 70% Marks in their intermediate & minimum score of 60% in the Talent Hunt Scholarship test
50%	For Top 12 Candidates having Minimum 70% Marks in their intermediate & minimum score of 60% in the Talent Hunt Scholarship test

Talent Hunt Scholarship Policy

- The candidate(s) applying for Talent Hunt Scholarship must also submit admission application form of CECOS University and attach the payment slip in google form.
- The candidates having minimum score of 70% in their intermediate are eligible to apply.
- The candidates must qualify scholarship test by achieving a minimum score of 60% in the test.
- The scholarship will be awarded for 1st semester only and for the Continuation of the scholarship for every next semester, the student will be required to maintain a minimum 3.33 CGPA.
- The scholarship program does not prioritize students based on financial need. It is open to all eligible students regardless of their financial background.
- Those students who are already enrolled in any program of CECOS University are not eligible.

FEE STRUCTURE 2024 BACHELORS PROGRAMS

B.SC CIVIL ENGINEERING

Semester	Admissions Fee	Semester Registration Fee	Tuition Fee	Exam Fee	Total
Semester-I	30000	-	150000	10000	190000
Semester-II	-	15000	150000	10000	175000
Semester-III	-	15000	150000	10000	175000
Semester-IV	-	15000	150000	10000	175000
Semester-V	-	15000	150000	10000	175000
Semester-VI	-	15000	150000	10000	175000
Semester-VII	-	15000	150000	10000	175000
Semester-VIII	-	15000	150000	10000	175000
Complete Charges	30000	105000	1200000	80000	1415000

Note: Students of B.Sc Civil Engineering will be required to pay Rs.25000 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	Total
Semester-I	30000	-	90000	10000	130000
Semester-II	-	10000	90000	10000	110000
Semester-III	-	10000	90000	10000	110000
Semester-IV	-	10000	90000	10000	110000
Semester-V	-	10000	90000	10000	110000
Semester-VI	-	10000	90000	10000	110000
Semester-VII	-	10000	90000	10000	110000
Semester-VIII	-	10000	90000	10000	110000
Complete Charges	30000	70000	720000	80000	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

BS ENGLISH

Semester	Admissions Fee	Tuition Fee	Exam Fee	Total
Semester-I	30000	60000	0	90000
Semester-II	-	60000	0	60000
Semester-III	-	60000	0	60000
Semester-IV	-	60000	0	60000
Semester-V	-	60000	0	60000
Semester-VI	-	60000	0	60000
Semester-VII	-	60000	0	60000
Semester-VIII	-	60000	0	60000
Complete Charges	30000	480000	0	510000

BBA (HONS)/ACCOUNTING AND FINANCE

Semester	Admissions Fee	Tuition Fee	Total
Semester-I	30000	80000	110000
Semester-II	-	80000	80000
Semester-III	-	80000	80000
Semester-IV	-	80000	80000
Semester-V	-	80000	80000
Semester-VI	-	80000	80000
Semester-VII	-	80000	80000
Semester-VIII	-	80000	80000
Complete Charges	30000	640000	670000

DOCTOR OF PHARMACY (PHARM-D)

Semester	Admissions Fee	Tuition Fee	Exam Fee	Total
Semester-I	30000	140000	15000	185000
Semester-II	-	140000	15000	155000
Semester-III	-	140000	15000	155000
Semester-IV	-	140000	15000	155000
Semester-V	-	140000	15000	155000
Semester-VI	-	140000	15000	155000
Semester-VII	-	140000	15000	155000
Semester-VIII	-	140000	15000	155000
Semester-IX	-	140000	15000	155000
Semester-X	-	140000	15000	155000
Complete Charges	30000	1400000	150000	1580000

Clinical Rotation Charges will be charged as per actual

BS BIOTECHNOLOGY

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

BACHELOR OF ARCHITECTURE

Semester	Admissions Fee	Tuition Fee	Exam Fee	Total
Semester-I	30000	130000	15000	175000
Semester-II	-	130000	15000	145000
Semester-III	-	130000	15000	145000
Semester-IV	-	130000	15000	145000
Semester-V	-	130000	15000	145000
Semester-VI	-	130000	15000	145000
Semester-VII	-	140000	15000	155000
Semester-VIII	-	140000	15000	155000
Semester-IX	-	140000	15000	155000
Semester-X	-	140000	15000	155000
Complete Charges	30000	1340000	150000	1520000

BS SOFTWARE ENGINEERING (HONS) / BS COMPUTER SCIENCE

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

DOCTOR OF PHYSICAL THERAPY (DPT)

Semester	Admissions Fee	Tuition Fee	Exam Fee	Total
Semester-I	30000	80000	10000	120000
Semester-II	-	80000	10000	90000
Semester-III	-	80000	10000	90000
Semester-IV	-	80000	10000	90000
Semester-V	-	80000	10000	90000
Semester-VI	-	80000	10000	90000
Semester-VII	-	80000	10000	90000
Semester-VIII	-	80000	10000	90000
Semester-IX	-	80000	10000	90000
Semester-X	-	80000	10000	90000
Complete Charges	30000	800000	100000	930000

Clinical Rotation Charges will be charged as per actual

BS MEDICAL LAB TECHNOLOGY, BS RADIOLOGY, BS ANESTHESIA, BS DENTAL

Semester	Admissions Fee	Tuition Fee	Exam Fee	Total
Semester-I	30000	60000	10000	100000
Semester-II	-	60000	10000	70000
Semester-III	-	60000	10000	70000
Semester-IV	-	60000	10000	70000
Semester-V	-	60000	10000	70000
Semester-VI	-	60000	10000	70000
Semester-VII	-	60000	10000	70000
Semester-VIII	-	60000	10000	70000
Complete Charges	30000	480000	80000	590000

Clinical Rotation Charges will be charged as per actual

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 Microbilogy 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.

RULES AND 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 criterions 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:
(a) DMC and Certificate of SSC or equivalent examination.
(b) DMC and Certificate of Intermediate or equivalent examination.
(c) Character certificate from most recently attended institution.
(d) An equivalence certificate or letter from IBCC in case of O/A Level or foreign education.
(e) CNIC or Form "B" of the applicant and CNIC of his/her father
(f) Three recent passport size photographs of applicant.
(g) Undertaking on a Non-Judicial Stamp Paper worth Rs. 100/- minimum, duly attested by the oath commissioner as per prescribed format.
(h) 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.

6.13 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 30 days, 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 Program 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 7th day of convene of classes
Half (50%) Tuition Fee Refund	From 8th to 15th day of convene of classes
No Fee (0%) Refund	From 16th day of convene of classes

* The timeline will be considered from the day of orientation session regardless of whether the admitted student attends the classes or not.

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.

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: Only one concession/scholarship, whichever is higher, will be applicable at a time. If a student admitted does not claim any concession at the time of admission but later applies for one, it will be granted from the date of application onward and not retrospectively.

EXAMINATION RULES & 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 /BS Artificial Intelligence / BBA /BS Accounting and Finance	4 Years	7 Years	130
BS Biotechnology/BS Microbiology / BS Medical Lab Technology/BS Nursing/ BS Dental Technology/BS Anesthesia Technology/BS Radiology 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. 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 **(i)** Foundation or core courses **(ii)** 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 elective (courses of area of specialization). For Social and Basic Sciences programs, 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 An Undergraduate Degree Program will usually include theory courses, community work/thesis/research report/project/internship.

4.5 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 discipline.

5. FALL/SPRING SEMESTER

There will be two regular semesters (fall, spring) in an academic year. Fall/Spring semesters will spread over 16-18 weeks (inclusive of 1 – 2 weeks for exams). Summer Semester will be of 8 – 9 weeks (inclusive of exams) for concentrated study for completing remedial course work/improvement of grade(s).

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 09 credit hours during summer.

6.2 Moreover, 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 or above.

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 ranged 18-22 credit hours, including exams 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 cr. 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 The student needs the course to graduate on time

7.3 A student under probation (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 as their credit hours varies from 18-22 credit hours. 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:

7.5.1 Relegated Students

7.5.2 Migrated Students

provided that total number of credit hours in one semester must not exceed 18 credit hours in case of promoted student and 15 credit hours in case of on probation / relegated student, at one time in regular semester. No additional fee will be charged for repeating courses in regular semester except 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, spring semesters) which will include the following information:

8.1.1 Semester starting date.

8.1.2 Holidays during the semester.

8.1.3 Semester termination date.

8.1.4 Mid-Term exam week

8.1.5 Final exam week.

8.1.6 Result notification and online transcript issues dates. Each transcript will have course grades, semester Grade point average (GPA) and cumulative GPA (CGPA).

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 Student, 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 in 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 A maximum number (<6) courses, except failed courses, will be allowed to repeat in a degree program.

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

10.5 The improvement of grade(s) shall only be allowed before issuance of transcript and within maximum duration of the relevant programme.

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.

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 Grade Point Average (GPA) system will be adopted for the evaluation of students in all subjects based on the relative grading system. If number of students in a course are 20 or more, then Relative Grading System will be implemented except the courses offered under the Faculty of Life Sciences and BS English program, where Absolute Grading System will be followed.

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

a) Obtaining 35 aggregate marks (50 in case of Pharm-D) in a course will be a minimum requirement for passing a course.

b) The Mean and Standard Deviation of the aggregate marks in the course will be used to determine the distribution of grades.

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 Grade Point Average (GPA) system will be adopted for the evaluation of students in all subjects based on the relative grading system. If number of students in a course is less than 20, then Absolute Grading System will be implemented, except the courses offered under the Faculty of Life Sciences and BS English program, where Absolute Grading System will be followed irrespective of the number of students in a course.

13.2.2 The aggregate marks of each student registered in the course (including students who did not appear in the final exam) 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:

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

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

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:
a) Course Code and Title
b) Description of Course/Learning Outcomes
c) Course syllabus and changes, if any, made over at least 3 semesters
d) Weekly Teaching Schedule
e) Dates of Mid-Semester Examination
f) Grading Policy will identify each activity. such as Homework, Quizzes, Mid Semester Examination, Final Examination and Term Papers etc.
g) Copy of each Homework Assignment
h) Copy of each Quiz Assigned
i) Copy of Question Papers for Mid Semester Examination
j) Copy of Question Papers for Final/Semester End Examination
k) Grading Sheets of the Course, Detailing Statistical Data on the Grades obtained by Students
l) Difficulties/Problems faced by the Teacher and Students during Classroom/ Course Delivery

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). 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:

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 Any candidate found guilty of following matters, his/her case 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 his/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/ RELEGATION

22.1 Probation 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.

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 5 "F" grades in theory courses at any particular time during 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, s/he 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 / DAI. 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

24.1 The answer book of a candidate shall not be re-assessed under any circumstances. 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 received within 7 days of the declaration of grades by the concerned Department. The Controller of Examination or any officer or rechecking committee appointed shall see that:
a)There is no computational mistake in the grand total on the title page of the answer book.
b)The total of various parts of a question has been correctly made at the end of each question.
c)All totals have been correctly brought forward on the title page of the answer book.
d)No portion of any answer has been left un-marked.
e)Total marks in the answer book tally with the marks sheet.
f)The hand-writing of the candidate tally in the questions/answer book.

24.2 The candidate or anybody on his behalf has no right to see or examine the answer books for any purpose.

24.3 The marks and grade of a candidate could even decrease in light of 24.1 above. In the event of reduction of marks, the record shall be corrected accordingly.

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 ≥ 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 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 Chairperson 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:
a) Pass all the courses of study prescribed in the relevant Scheme of Studies.
b) Obtain a minimum of 2.00 CGPA.
c) 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.

STUDENT CODE

PART – 1 : STUDENT DISCIPLINE POLICY

POLICY STATEMENT

1. CECOS University is a community and has an obligation to provide a safe teaching and learning environment for its students and promote research. This Policy is designed to support students, staff and visitors by providing a mechanism through which behaviour or actions contrary to the Principles of Dignity at Work & Study and the University's expectations on conduct can be addressed. CECOS is an adult learning and social environment and we treat all our students as independent and mature individuals who are expected to act responsibly and appropriately.
Purpose

2. The "Student Discipline Policy" is devised to ensure exemplary behaviour and conduct of students which they can achieve by displaying the highest degree of moral and ethical values. Also, the important goal of the policy, and its processes for the resolution of student misconduct, is to teach students to live and act responsibly in a community, with respect for the rights of other students and faculty, for the property & common resources, and the regulations /policies associated with that community.
Prohibited Acts

3. The following behaviours, or attempted behaviours, will be considered violations of the Student Code of Conduct and will be subject to disciplinary actions by the university:

a. Misuse, Abuse or Destruction of University Property

Intentionally or recklessly destroying or damaging, or attempting to destroy or damage, University property (including books, furniture, equipment etc.) or the property of others on University premises or at University-sponsored activities.

b. Assault, Harassment and Threatening

These include intentionally or reckless acts endangering, threatening, or causing physical or mental harm to any person, or oneself, on University premises or at University-sponsored activities, or intentionally or causing reasonable apprehension of such harm including, but not limited to abusive language and/or physical assault or verbal intimidation, sexual harassment and bullying.

c. Audio/Video Recording and Photography

Using electronic or other means to make a video or photographic record of any person in a location where there is a reasonable expectation of privacy without the person's prior knowledge, when such a recording is likely to cause injury, distress, or damage to the reputation. It also includes the storing, sharing, and/ or sharing of such unauthorized records through any digital/electronic/print media.

d. Student Protest / Strikes

The University is committed to academic freedom and civil discourse. A student protest or other public demonstration may be permitted so long as it is peaceful, non-obstructive, and respectful of the rights of other students, faculty, employees and University guests. Disruptive conduct (which prohibits both academic and non-academic activities) on University property is prohibited and will subject the violators to strict disciplinary action, up to and including immediate, interim suspension pending the hearing and/or expulsion from the university under the procedures outlined in the Student Code of Conduct.

e. Providing False Information, Forging or Illegal use of Documents

a.University considers any falsification or forging of documents or information a direct violation of academic integrity & misconduct, which may include the following:
i.Plagiarism.
ii. Cheating.
iii. Self-plagiarism.
iv. Impersonating Another Person in a Test or Exam.
v.Buying or Otherwise Obtaining Term Papers or Assignments.
vi. Falsifying, Misrepresenting or Forging an Academic Record or Supporting Documents.

f. Firearms, Explosives and Hazardous Materials

Storage/possession/usage of dangerous weapons, devices, or hazardous materials including biological/chemical, but not limited to, firearms, ammunition, or fireworks.

g. Drugs and Intoxicants

Smoking is strictly prohibited in the University premises including classroom, laboratory, examination hall, workshop, library, auditorium or convocation hall and at all other places where academic activities are conducted. Consumption of alcoholic liquor or other intoxicating drugs within the University Campus or hostels or examination hall or during the instructional sports or cultural tours or survey camp, or enter any such tour or camp, is strictly forbidden.

h. Indecent Behavior

Students are expected to develop trusting relationships, as well as to respect the dignity of all individuals. Behaviour defying the norms of decency, morality and religious/cultural/social values of Pakistan will be taken as indecent behaviour. A behaviour which is determined to disrupt the learning environment or campus community will be considered as conduct unbecoming of a Cecosian.

i. Political, ethnic, racial and sectarian activities

Political, ethnic, racial and sectarian activities at the University or taking membership of any banned organization and participation in such organizations for furthering the cause of a political party.

j.Gender Mixing

Students are strictly reminded to follow the accepted social and cultural norms of society. Undue intimacy and unacceptable proximity, openly or in isolated areas will not be tolerated. The tendency of taking advantage of common places like cafeterias, shops etc. is objectionable and undesirable. Also, students are advised to avoid movement in mixed groups on the campus after sunset.

k. Off-Campus Conduct.

Conduct occurring off-University premises is such that it should not affect the interest/image of the University.

INDISCIPLINE ACTS

1. A student who:
a.Commits a breach of the code of conduct specified in para-3 and commits any of the prohibited acts specified in clauses 3(a to k), or disobeys the lawful instructions/ directives of a teacher or any other person in the position of authority in the University.

b.Violate the undertaking/agreement submitted by the student at the time of admission.
c. Habitually neglects his/her work or habitually absences him/herself from his/her class without a valid reason.

d. Eating in the classroom or lab.

e. Willfully damages public/University property or the property of a fellow student or any teacher or any employee of the University.

f. Does not pay the fees, fines or other dues payable under the University Regulations and Rules.

g. Does not comply with the rules relating to the residence in hostels.

h. Use mobile phones in classrooms, examination halls, labs and libraries thus disrupting the calm of the said rooms.

i. Uses indecent language, wears an immodest dress, makes indecent remarks or gestures or behaves in a disorderly manner.

j. Commits any criminal, immoral or dishonorable act (whether committed within the University Campus or outside).

k. Commits any act which is prejudicial to the interest of the University.

l. Damaging or interfering with the normal operations of the electronic/ IT systems of the University through any means.

m. Indulging in cyber-crime.

n. Make unauthorized access or entry to, or use of University facilities and equipment, unauthorized possession, duplication or use of keys to any University premises, facilities or equipment.

o. Non-adherence to the Federal, State, and Local Laws.

DRESS CODE

1.To maintain the academic dignity and sanctity of the institution, students and staff of the University are required to wear a decent dress. Students are requested to wear the proper dress mentioned in subsequent paras. The dress restriction is not to impose any rigidity but is in accordance with the spirit of discipline and punctuality which is the cardinal aspect of lifestyle at the University. To abide by the student dress code, a student should not:

·Wear a tight or see-through dress.
·Wear Tee-Shirts.
·Wear torn clothing.
·Wear jogging or exercise shoes,
·Put on excessive makeup or wear jewellery/ornaments.
·Wear an untidy, gaudy or immodest dress in classrooms, cafeterias and university offices.
·Wear unprofessional attire in formal programmes and interviews.

PART – II :STUDENT DISCIPLINE BODIES AND PROCEDURE

PROCTORIAL BOARD

2.The Proctorial Board consists of faculty members from various Departments for ensuring proper conduct & discipline in the campus. They can be approached by any student for help whenever required. The Proctorial board in the university shall comprise:

·Chief Proctor from faculty of a university or otherwise so nominated by the president/vice-chancellor.
·One male staff proctor from each department.
·Female staff proctor as per need of the board.
·Two senior proctors (senior students from each department).
·Student proctors from different classes as per the need of the board.

Duties and Responsibilities of the Proctorial Board

The Proctorial Board, so constituted will carry out such duties to derive the objectives set in the code of conduct as stated above, enabling to reform a student for shouldering responsibility towards the society as well as to the country with noble objectives in a befitting manner. The duties and responsibilities of the Proctorial Board will be as under:

· Ensuring strict implementation of conduct and discipline regulations at university and during curricular and co-curricular activities; i.e. orientation sessions, functions, seminars and conferences, sports competitions, convocation etc.
· Support the management of the university in implementing law & order on the university premises.
· Resolving minor issues, disputes and indiscipline cases on their own, wherever possible.
· Processing the cases of serious violation of the rules and reporting the same to the management of the university.
· Conducting awareness sessions with the student proctors regarding the conduct and discipline regulations.
· Keep the management updated on all the important matters related to the conduct and discipline and other related activities.

Removal of Proctor/ Proctorial Board

The President / Vice-Chancellor or any other authorized officer shall have the right to change or remove any member of the Proctorial board at any time without assigning any reason. The President / Vice-Chancellor will also have the right to dissolve the Proctorial board at any time.

Student Discipline Committee (SDC)

1.The constitution of the departmental discipline committee will be as under:

| Dean Student Affairs (DSA)	Convener
Chief Proctor	Member
Departmental Proctor(s)	Member/s
Academic Coordinator of Concerned Department	Member/ Secretary

Unfair Means Committee (UMC)

1.The constitution of the Unfair Means Committee will be as under:

Dean of a Faculty of Life Sciences	Convener
Director QEC	Observer
Concerned HoD/s	Member/s
DR(Academics)	Member
Chief Proctor	Member/ Secretary
DSA	Member

Disciplinary Process

1. Every member of the teaching staff shall have the powers (and it shall be his duty) to check disorderly or improper conduct or any breach of the rules by students occurring in any part of the confines of the University. Should such misconduct occur in a classroom when the student is under the charge of any instructor/supervisor, the latter shall report the matter, without delay, to the Head of the Department/ departmental proctor.

2. The Librarian shall be responsible for the maintenance of order in the library. In case of disorderly conduct or any breach of rules, he may require the student so offending to withdraw from the library for the remainder of the day and shall immediately report the offence to the Chief Proctor.

3. The Senior Warden and the Deputy Warden shall be responsible for the maintenance of order among the students in the hall of residence or hostels. The Sports Coordinator shall be responsible for the maintenance of order among the students on or near the playground or while otherwise under his charge.

4. All matters of indiscipline would then be referred to the Chief Proctor, who would adopt the procedure as annotated in the flow chart appended below:
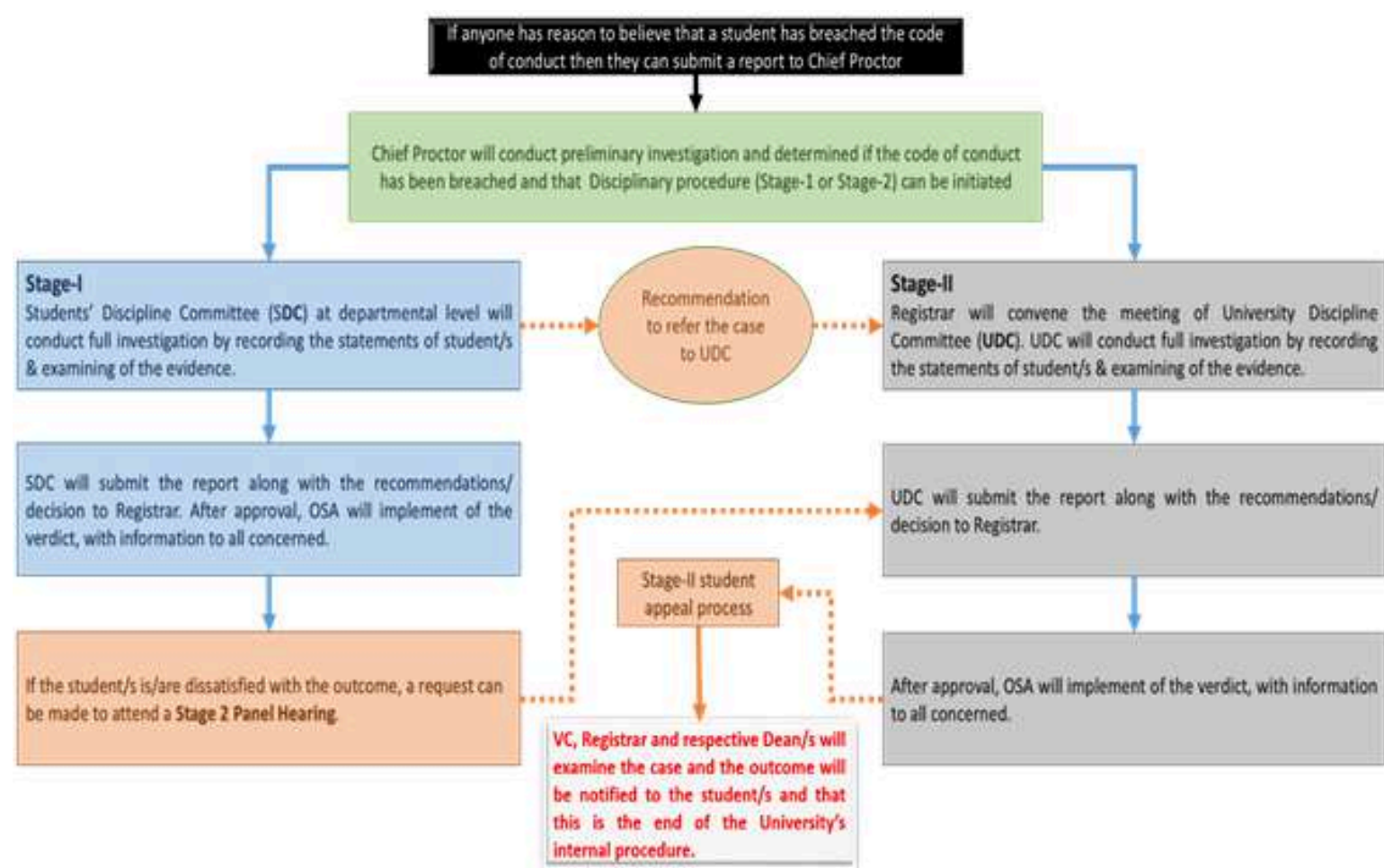
Punishment/ Penalties

1.Punishment or penalty for acts of ill-discipline shall be according to the gravity of the case and may be any one or more of the following:

Penalty	Description	CA to impose Penalty
Probation	Probation for a specific period	HoD/Dean/VC
Fine	Fine which may amount up to Rs. 10,000	UDC/VC
Removal/ Withdrawal	Removal from classroom laboratory, workshop or fieldwork for not more than two such consecutive periods/events.	Concerned faculty member
	Withdrawal from games or field for not more than one week.	Sports incharge
	Withdrawal from educational or sports tour or survey camp.	HoD
	Removal from the hostel for a specified period, or permanent removal from the residence hall	Warden/Registrar/UDC/VC
	Suspension from the department/classes for a period not exceeding two weeks.	HoD
	Withdrawal from the library for not more than two weeks.	Librarian

	Removal from a position of authority in Students' Society.	VC/ Registrar
Fine	Fine not exceeding Rs: 500/-	Faculty member, Warden, workshop/lab supervisor, sports incharge or librarian
	Fine not exceeding Rs: 1000/-	Chief Proctor, Staff Proctor
	Fine not exceeding Rs: 2000/-	HoD
	Fine amounting up to Rs. 10000/- for bringing the mobile phone to the examination hall	Controller of Examinations
	Cancellation of remission of fees or University Scholarships.	Director Welfare
Withholding of Certificate	Withholding of a certificate of good moral character	HoD

Removal of Privileges	Deprivation from the privileges enjoyed by the student	HoD
Examination Offences	Award of F grade in a course of studies	SDC/HoD
	Cases of indiscipline in examination halls or around.	SDC/HoD
	Use of Unfair means	UMC

a.Major Punishments

Penalty	Description	CA to impose Penalty
Expulsion	Expulsion from the class for a specific period up to one semester	UDC/VC
Fine	Up to Rs. 50,000	UDC/VC
Exam Result	Cancellation of examination result (complete semester courses)	UMC/UDC
Rustication	Expulsion or rustication from the university for a specific period	UDC/VC
Termination	Permanent expulsion from the university	UDC/VC

Enforcement of Code of Conduct.

15. The students' code of conduct would be enforced in the following manner:

a.Parents of those students who disobey authority and violate the code of conduct will be informed.

b.The Students may be held accountable for the acts of misconduct of their guests while on University premises or at University-sponsored activities.

c.Students who are charged with violations of this Code are subject to disciplinary action under CECOS rules/regulations/statutes.

d.When a case against a student is referred to the Committee, the Committee may, if it deems fit, suspend the student from University Rolls and /or direct him to vacate the hostel till the decision of the case.

e. The Vice-Chancellor, in case of an emergency to be recorded in writing, may take emergency action against a student or students pending reference to the discipline committee in form of a.rustication or expulsion and order the removal of a student from the University or ban his / her entry in whole or any part of the campus or other facilities offered by the University.

f. No student shall be rusticated, expelled from university or made liable to pay damages unless he/she has been allowed a reasonable chance of personal hearing against the accusations levelled against him/her.

g.Such orders made and announced by the appropriate authority in case of suspension shall be effective immediately without any hindrance. However, in the case of rustication or expulsion when in the opinion of the discipline committee, the penalty of rustication, expulsion or pecuniary penalty is not called for in a case referred, it may impose any other penalty or penalties as deemed appropriate.

h. The President may, at his discretion, revise/amend these rules or relax the same in any special case.

i.The President, on the recommendations of the discipline committee or suo-moto, may impose or waive any of the penalties listed above or refer any case to the special committee constituted for the purpose to review the decision.

Appeals

1.A review petition against the imposition of a penalty may be made within a week to the committee/teacher/officer who imposed the penalty. In case the student is not satisfied with his decision/revision he may appeal to the Vice-Chancellor, who shall place it before the Applet Committee for its consideration and decision within a maximum of two weeks to dispose of the case.

Emergency Powers

2.The Vice-Chancellor, in case of an emergency to be recorded in writing, may take emergency action against a student or students pending reference to the discipline committee in form of rustication or expulsion and order the removal of a student from the University or ban his / her entry in whole or any part of the campus or other facilities offered by the University.

Notes:

·Each member of the University community is issued a picture Identification /Registration card or visitor's pass and must wear it at all times while on University premises or at University-sponsored activities. Identification/Registration cards must be presented upon entering University premises.

·Identification/Registration cards are not transferable. The owner of the card will be called upon to account for any fraudulent use of his or her identification card and will be subject to disciplinary action by the University if he or she has aided such fraudulent use. The card will be forfeited if the student to whom it was issued allows any other person to use the same.

·Upon card owner's withdrawal/rustication/expulsion from the University, all rights and privileges related to the identification card automatically cease. If the student withdraws or is suspended or expelled, from the University, the identification card must be surrendered to the institute.

·No visitors and guests are allowed to enter the University premises or at University-sponsored activities without the written permission of the responsible authority.

·All permitted/allowed visitors or invitees shall conduct themselves, at all times, in a manner which is consistent and in line with the maintenance of orderly behaviour on the University premises.