



University of Central Punjab
The centre of your future

Faculty of
Engineering

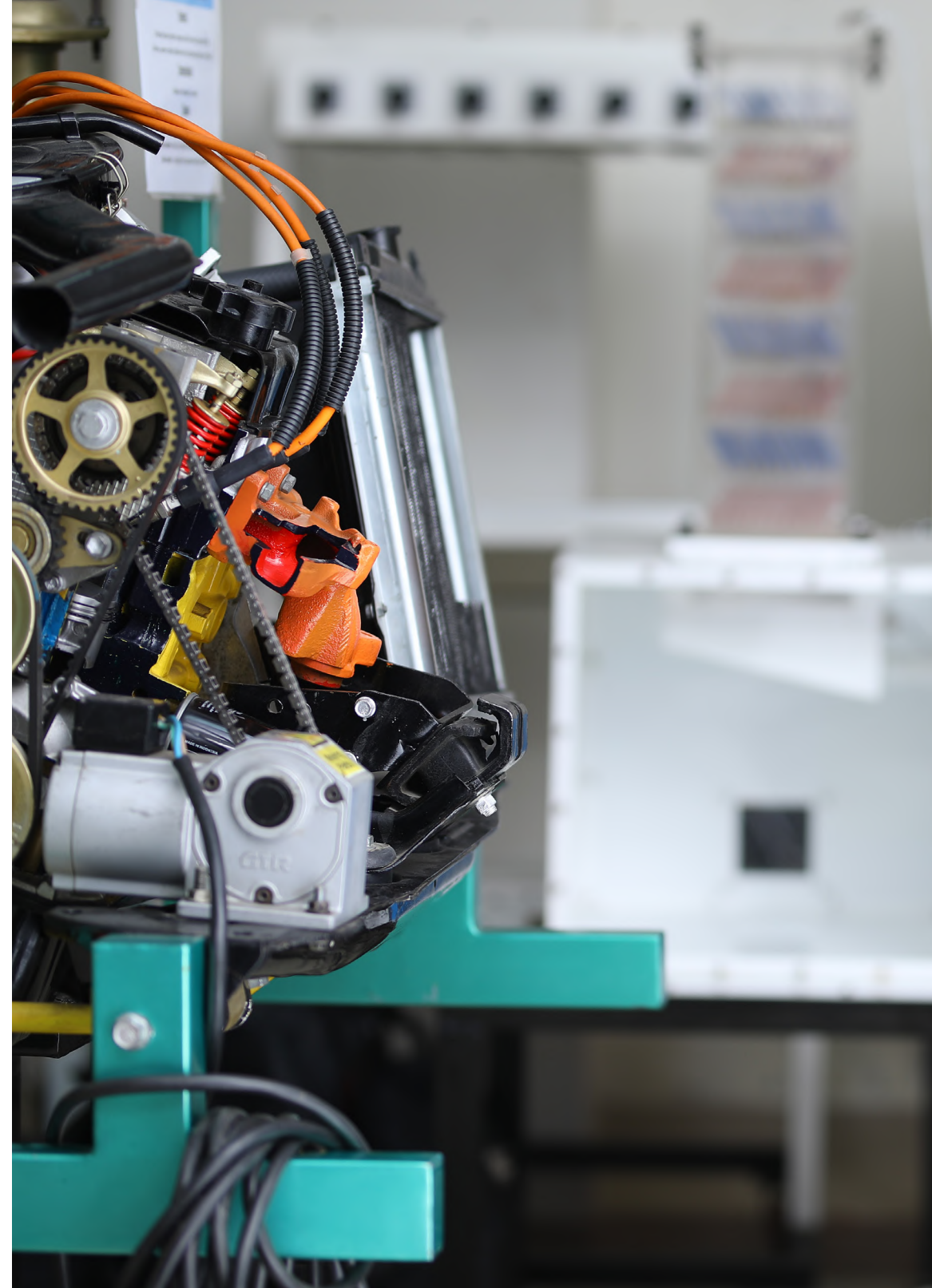
2021-22

www.ucp.edu.pk



INTRODUCTION

The **Faculty of Engineering** (FOE), established in 2002 at the University of Central Punjab, takes fair pride in the quality of its programmes both at undergraduate and graduate levels. Our research-led teaching ensures that we incorporate the latest advances in innovative engineering research, thus producing graduates with practical experience and highly desirable skills to meet the demands of the engineering industry. FOE has a world-class faculty with 20 PhD members and more than 50 master's degree holders who have obtained their post-graduate education from renowned institutions all over the world. Pakistan Engineering Council (PEC) and Higher Education Commission (HEC) recognise the unprecedented steps taken by the faculty for the students to learn through problem and activity-based teaching. Our undergraduate programmes have obtained Washington Accord accreditation that enables our graduates to become part of the global engineering workforce in contemporary technologies. We deliver engaging and innovative learning that instils an ethos of curiosity, responsible leadership, and citizenship. Our Outcome Based Education System (OBE) produces graduate engineers who harness the benefits of innovative engineering with sustainable principles in a framework that promotes economic development and supports enhanced health and well-being. At FOE, we aim to fulfil our objective through targeted strategic investment in people, research, and teaching.



B.Sc. Electrical Engineering

With state-of-the-art labs and foreign qualified faculty, this programme is accredited on level-II by Pakistan Engineering Council.

Eligibility Criteria: At least 60% marks in F.Sc. Pre-Engineering/A levels with (Maths, Physics & Chemistry)/DAE in Electrical/Electronic Technology or equivalent. All applicants are required to pass the UCP admission test.

B.Sc. Mechanical Engineering

This undergraduate degree provides students with the opportunity to develop essential knowledge and skills in Science, Commerce, Design, Manufacturing, and Management to help prepare them for a career across a broad range of engineering industries upon graduation.

Eligibility Criteria: At least 60% marks in F.Sc. Pre-Engineering/A levels with (Maths, Physics & Chemistry)/DAE in Mechanical Technology or equivalent. All applicants are required to pass the UCP admission test.

B.Sc. Civil Engineering

Students will learn to engineer energy-efficient buildings using the latest techniques and design and develop sustainable and resilient infrastructures.



Eligibility Criteria: At least 60% marks in F.Sc. Pre-Engineering/A levels with (Maths, Physics & Chemistry)/DAE in Civil Technology or equivalent. All applicants are required to pass the UCP admission test.

M.Sc. Electrical Engineering

Being formally approved by HEC, this programme provides high-quality education and research opportunities in advanced areas of power systems engineering.

M.Sc. Mechanical Engineering

Being formally approved by HEC, this programme train students to become experts who understand the mechanics of machines, from generating initial ideas to design and analyse onward to developing products, processes, systems, and maintenance.

M.Sc. Civil Engineering

Being formally approved by HEC, this programme is providing advanced knowledge and opportunities to research the state-of-the-art in civil engineering.

Eligibility Criteria: To apply for M.Sc. Electrical, Mechanical and Civil Engineering, a candidate must have at least 2.00/4.00 CGPA or 50% marks from an annual system in a relevant engineering programme or equivalent. All applicants are required to pass the UCP admission test and interview.

PhD Electrical Engineering

This programme provides a dynamic research environment with 5 HEC approved PhD supervisors in power systems and Control and a well-equipped dedicated research lab.

Eligibility Criteria: At least 3.00/4.00 CGPA in MS or equivalent degree in Electrical Engineering. All applicants are required to pass the UCP admission test and interview.

Fee Structure of Faculty of Engineering

Programme	Admission Fee (PKR)	Per Credit Hour Fee (PKR)	Total Credit Hours	Total Fee (PKR)
B.Sc. Electrical Engineering	25,000	10,200	135-136	1,412,200
B.Sc. Mechanical Engineering	25,000	10,600	135	1,456,000
B.Sc. Civil Engineering	25,000	11,200	133	1,514,600
M.Sc. Electrical Engineering	25,000	10,500	30	340,000
M.Sc. Mechanical Engineering	25,000	10,500	30	340,000
M.Sc. Civil Engineering	25,000	10,500	30	340,000
PhD Electrical Engineering	25,000	7,000	48	-

UCP Merit and Other Scholarships

The current scholarship policy and maintenance criteria is available on our official website <https://www.ucp.edu.pk/ucp-scholarships/>. Currently, we have 9 different types of scholarship to offer to new and on-going students.

Sr. No	Scholarship Type	Programmes Applicable
1	Merit Scholarship	All undergraduate and graduate programmes
2	PGC Scholarship	All undergraduate programmes
3	UCP Alumni Scholarship	All graduate programmes
4	Kinship Scholarship	All undergraduate and graduate programmes
5	Scholarship for specially-abled students	All undergraduate and graduate programmes
6	Need-Based Scholarship	Only for undergraduate programmes
7	Co-Curricular activities & sports Scholarship	Only for undergraduate programmes
8	Scholarship for UCP permanent faculty & staff members	Only for graduate programmes
9	Contingency	Only for undergraduate programmes

The details of available Scholarships are as follows:

Merit Scholarship for Undergraduate Students	
Academic Marks	Scholarship
85% Marks	100%
80% Marks	75%
75% Marks	50%
70% Marks	25%
Merit Scholarship for Graduate Students	
CGPA	Scholarship
3.80 CGPA in 16 years degree	75%
3.60 CGPA in 16 years degree	50%
PGC Scholarship for Undergraduate Students	
Category	Available Scholarship
PGC Students (At the time of admission)	25%
UCP Alumni Scholarship for Graduate Students (MS Programmes)	
CGPA	Available Scholarship
3.50 CGPA (50% admission fee shall be charged)	50%
3.00 CGPA (50% admission fee shall be charged)	25%
Other Available Scholarships for Undergraduate Students	
Category	Scholarship
Need-based (case evaluation by the committee)	25-100%
Talent-based (on co and extracurricular activities and committee assessment)	25-100%
Contingency (on demise of father or guardian during studies)	50%
Disabled (official disability certificate & committee assessment)	25-100%

Other Available Scholarships for Faculty of Engineering Students

Category	Category
Kinship (1 st kin enrolled in PGC/UCP)	25%
Kinship (2 nd kin enrolled in UCP)	50%
Disabled (official disability certificate & committee assessment) (only for graduate students)	25-75%
Faculty & staff members (only for MS students)-5 years satisfactory service	50%
Faculty & staff members (only for MS students)-3 years satisfactory service	25%

Note: Continuation criteria of all the above mentioned scholarships is available on the university website <https://www.ucp.edu.pk/ucp-scholarships/>.

Students who are not eligible for scholarships at the time of admission can apply for scholarships based on their CGPA after the completion of the first semester.



STUDENT RESOURCE CENTRES



Career Services Office

- Guidance and support from career professionals
- Career Labs introduced to prepare UCP students for the job market by helping them internalise professional and business skills
- Access to internships, jobs, scholarships, and exchange programmes



Department of Student Affairs

- DSA manages student societies and clubs in the domains of performing arts, public speaking, science and community service
- Engages and provides the student with various co-curricular activities and opportunities



English Language Centre

- A blended learning approach to help students read and analyse complex texts and convey comprehensive ideas
- Provides support with the knowledge of grammar and vocabulary
- Aims to enhance students' critical thinking skills to enable them to cope with the course material in English across disciplines



Student Service Centre

- Facilitates students in course registrations, add/drop of courses and virtual learning



State-of-the-Art Facilities



26

Labs designated for FOE students

Over 67,000 resources available



A 25 yard, 4 lane, temperature controlled swimming pool



Designated hall for virtual meetings and conferences



Male & female gym with top-of-the-line training equipment



Centre for all activities and events



Variety of food options with comfortable ambiance



Bringing scripts and ideas to life



In-house business incubator



Training ground for our young performers



For meetings and brainstorming sessions



A shared lounge for students



Safe means of transport at nominal rates



360° virtual tour

Bringing the campus to you, wherever you go. Take a virtual tour to explore classrooms, laboratories, student facilities, and more.



Scan QR Code
www.ucp.edu.pk/virtual-tour



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