



ADMISSIONS OPEN FOR PHD & MASTER DEGREE PROGRAMS -SPRING 2023

Mehran University of Engineering & Technology (MUET) is committed to raise the research quality by employing PhD’s in conventional fields as well as in emerging areas of Engineering, Science and Technology. In this context, MUET is fortunate to have wealth of resources of high-quality faculty members, working on innovative ideas and publishing research papers in impact factor journal, in addition to production of quality PhDs every year in Engineering and Technology. As a research-oriented university, we now have substantial population of postgraduate students.

Working together – Inspiring excellence

Mehran University of Engineering & Technology has honor to become:

- First University produced PhD in Engineering
- First University produced PhD in ICT
- First University produced Woman PhD in Engineering
- First University in ranking in Engineering and Technology in Sindh
- First University whose Master and PhD Students availed EU Erasmus Mundus Scholarship to study in Europe universities under exchange program
- First University having organized International conferences and its proceedings published by Springer verlag
- First University having number of chapters of International Professional bodies like; IEEE, SPE, SME, IEEE COMSOC, IEEP Power and energy Society, IEEE Women in engineering, IEEE Measurement and instrumentation Society, ACM.
- Only University of the country offering postgraduate degree in Science, Technology and Innovation Policy.

The University offers various study and research programs (**PhD, and M.Phil. / ME / MS / MBA / M.CRP / M. ARCH**) in the following disciplines:

STREAM A: Ph.D. Programs (Full Time/Part Time)

DIRECTORATE OF POSTGRADUATE STUDIES	
1. Applied Mathematics	2. Chemical Engineering
3. Civil Engineering	4. City and Regional Planning
5. Energy Systems Engineering	6. Construction Management
7. Industrial Engineering and Management	8. Geotechnical & Highway Engineering
9. Mechanical Engineering*	10. Manufacturing Engineering
11. Mining Engineering	12. Metallurgy and Materials Engineering
13. Textile Engineering	14. Structural Engineering
INSTITUTE OF PETROLEUM AND NATURAL GAS ENGINEERING	
1. Petroleum Engineering	
MEHRAN UNIVERSITY INSTITUTE OF SCIENCE, TECHNOLOGY AND DEVELOPMENT	
1. Science, Technology, and Innovation Policy	
2. Management Sciences	
INSTITUTE OF ENVIRONMENTAL ENGINEERING & MANAGEMENT	

1. Environmental Engineering

INSTITUTE OF INFORMATION AND COMMUNICATION TECHNOLOGIES**

1. Bio-Medical Engineering
2. Electronic Engineering
3. Computer Systems Engineering
4. Software Engineering
5. Electrical Engineering
6. Telecommunication Engineering
7. Mechatronic Engineering

**Fully funded scholarships for outstanding and meritorious candidates shall be available from ICT endowment fund for sustainable development scheme.

Eligibility

- + Minimum qualification for admission in PhD degree program shall be minimum CGPA 3.0 (out of 4.0 in the semester system) or First Division (in the Annual System) in Master degree (6 years university education) in the relevant field from a HEC recognized university or degree awarding Institute.
- + 60% Cumulative Score in Internationally/Nationally recognized tests or 70% score in GRE (subject) type test conducted by the University.

Eligible Disciplines for PhD programs are same as that of relevant Master Degree Programs, and basic degree in relevant field.

*Eligible Disciplines for PhD in Mechanical Engineering is Mechanical Engineering, Industrial Engineering, Manufacturing Engineering, Metallurgy and Materials Engineering, Mechatronics, Textile Engineering, Petroleum & Natural Gas Engineering, Chemical Engineering, Energy Systems, Biomedical Engineering, and Agricultural Engineering Or equivalent, and basic degree in relevant field.

STREAM B: Master’s Degree Programs

GENERAL ELIGIBILITY CRITERIA:

- + Minimum First Division in Annual System or 2.5 CGPA (out of 4.0) in semester system in Bachelor Degree (4 years University Education) in following disciplines.
- + 50% Cumulative Score in Internationally/Nationally recognized tests or 50% Marks in GRE (General) type test Conducted by the University.

DIRECTORATE OF POSTGRADUATE STUDIES (ME/M.CRP./MS/M.ARCH/M.Phil.

Full Time Evening Programs)

Program/Discipline	Eligible Disciplines
1. Chemical Engineering	Chemical Engineering, Petroleum & Natural Gas Engineering, Energy Systems Engineering, Environment, Metallurgy Engineering, Material Engineering, Mining Engineering, Industrial Engineering, Polymer and Textile Engineering or equivalent
2. City & Regional Planning (M.CRP)	City & Regional Planning, Architecture, Construction Management, Civil Engineering, Structural Engineering, Building Engineering, Geotechnical and Highway Engineering, Transportation Engineering, or equivalent

3. Civil Engineering	Civil Engineering, Geotechnical and Highway Engineering, Transportation Engineering, Environment, Structural Engineering, Construction Engineering, Construction Management, Mining Engineering, Water Resources Engineering, Irrigation Engineering, Drainage Engineering, Architecture, City and Regional Planning, Agricultural Engineering, Building Engineering, or equivalent
4. Construction Management	Civil Engineering, City and Regional Planning, Construction Management, Building Engineering, Geotechnical and Highway Engineering, Structural Engineering, or equivalent
5. Energy Systems Engineering	Energy Systems Engineering, Energy & Environment, Mechanical Engineering, Mechatronics, Electrical, Electronic Engineering, Environment Engineering, Chemical Engineering, Petroleum and Natural Gas, Metallurgy and Materials, Mining, Industrial and Agricultural Engineering or equivalent
6. Geotechnical and Highway Engineering	Civil Engineering, Geotechnical and Highway Engineering, Transportation Engineering, Environment, Structural Engineering, Construction Engineering, Mining Engineering, Petroleum and Gas Engineering, Water Resources Engineering, Irrigation Engineering, Drainage Engineering, Agricultural Engineering, Architecture, City and Regional Planning, Building Engineering, Geological Engineering, or equivalent
7. Industrial Engineering & Management	Industrial, Mechanical, Metallurgy, Chemical Engineering, Textile Engineering, Automation and Control, Manufacturing, Biomedical and Environmental Engineering
8. Manufacturing Engineering	Manufacturing, Mechanical, Industrial, Metallurgy and Materials, Mechatronics, Agricultural, and Textile Engineering, or equivalent
9. Metallurgy and Materials Engineering	Metallurgy, Mechanical, Chemical Engineering, Mining, Industrial, Manufacturing, Biomedical, Polymer, Civil, Textile, Environment, Mechatronics, Petroleum and Natural Gas Engineering or equivalent
10. Mining Engineering	Mining, Civil, Geotechnical, Energy Systems, Geological, Metallurgy and Materials, Environment Engineering or equivalent
11. Structural Engineering	Civil Engineering, Geotechnical and Highway Engineering, Transportation Engineering, Environment, Structural Engineering, Construction Engineering, Architecture, City and Regional Planning, Building Engineering, or equivalent
12. Textile Engineering	Textile, Chemical, Biomedical, Mechanical, Metallurgy and Materials, Polymer, Industrial, Mechatronics,

	Environment and Manufacturing Engineering or equivalent.
13. English Linguistics (M.S)	English
14. Applied Mathematics (M.Phil.)	Mathematics, Statistics, Physics
15. Architecture (M.Arch)	City & Regional Planning, Architecture, Construction Management, Civil Engineering, Structural Engineering, Building Engineering, Geotechnical and Highway Engineering, Transportation Engineering, or equivalent
Co-Director: Dr. Shakeel Ahmed Shaikh Tel: 022-2772251-62 (ext. 2042) Email: codirector.pgs@admin.muuet.edu.pk	Director: Prof. Dr. Abdul Haque Tunio Tel: 022-2772251-62 (ext. 2040) Email: director.pgs@admin.muuet.edu.pk

INSTITUTE OF PETROLEUM & NATURAL GAS ENGINEERING

(M.E. Evening Programs)

Petroleum Engineering	Eligible Disciplines: <ul style="list-style-type: none"> ○ Petroleum & Natural Gas, Chemical Engineering, Mechanical, Mining, Energy & Environment, Energy Systems, Civil Engineering, Geological and Geotechnical Engineering or equivalent
-----------------------	---

Director: Prof. Dr. Abdul Haque Tunio

Tel: 022-2771241; Email: dir.ipng@admin.muuet.edu.pk

INSTITUTE OF INFORMATION AND COMMUNICATION TECHNOLOGIES

(ME, Evening Programs)

Program/Discipline	Eligible Disciplines
1. Biomedical Engineering	Biomedical Engineering, Electronic Engineering, Telecommunication Engineering and Mechatronics Engineering or equivalent
2. Communication Systems & Networks	Computer Systems Engineering, Electrical Engineering, Electronics Engineering, Software Engineering, Biomedical Engineering, Telecommunication Engineering, or equivalent
3. Computer and Information Engineering	Computer Systems, Software Engineering, Electronic Engineering, Telecommunication Engineering and Information Technology or equivalent
4. Data Science (MS)	Data Science, Artificial Intelligence, Cybersecurity, Computer Systems, Electronic Engineering, Telecommunication Engineering, Electrical Engineering, Software Engineering, Civil engineering, Mathematics, Statistics, Information Technology, Biomedical Engineering, Electronics, Telecommunication, Physics, Mechatronics, BBA or equivalent
5. Electrical Power Engineering	Electrical Engineering, Electronic Engineering, Energy Systems Engineering, Mechatronic or equivalent

6. Electronic Systems Engineering	Electrical Engineering, Electronic Engineering, Computer Systems, Telecommunication, Mechatronics Electrical Engineering, Biomedical Engineering or equivalent
7. Industrial Automation and Control	Electrical Engineering, Electronic Engineering, Computer System Engineering, Biomedical Engineering, Instrumentation & Control, Industrial Engineering, Manufacturing Engineering, Mechanical Engineering or equivalent
8. Information Technology	Electrical Engineering, Electronic Engineering, Biomedical Engineering, Telecommunication Engineering, Computer System Engineering, Software Engineering, Mechatronics, Artificial Intelligence and Data Science or equivalent
9. Mechatronic Engineering	Mechatronic, Mechanical Engineering, Electrical Engineering, Electronic Engineering, Industrial Engineering, Computer Systems Engineering, Biomedical Engineering, Manufacturing Engineering, Textile Engineering or equivalent
10. Software Engineering	Computer Systems Engineering, Software Engineering, Electronic Engineering, Telecommunication Engineering, Cybersecurity, Data Science and Artificial Intelligence or equivalent
11 .Telecommunication Engineering and Management	Cybersecurity, Artificial Intelligence, Telecommunication Engineering, Electronic Engineering, Computer Systems Engineering, Electrical Engineering, Software Engineering or equivalent
Co-Director: Dr. Shahnawaz Talpur Tel: 022-2772251-62 (ext: 6201) Email: codirector.iict@admin.muuet.edu.pk	
Director: Prof. Dr. Zubair Ahmed Memon Tel: 022-2772251-62 (ext: 6203) Email: dir.iict@admin.muuet.edu.pk	

MEHRAN UNIVERSITY INSTITUTE OF SCIENCE, TECHNOLOGY AND DEVELOPMENT
(MS, Evening Programs)

1. Science, Technology and Innovation Policy 2. Technology and Innovation Management 3. Human Resource Management 4. Public Policy	Eligibility: Bachelor's degree (4 years University education) in the field of Business Administration/Management/Natural/Social/Applied/Medical Sciences, Engineering and Technology
(MBA, Evening Program with Electives in) 1. Finance 2. Marketing 3. Operations Management 4. Human Resource Management 5. Innovation and Entrepreneurship 6. Islamic Banking and Finance	Eligibility: Bachelor's degree (4 years University education) in the field of Business Administration/Commerce/Management Sciences.

Director: Prof. Dr. Arabella Bhutto

Tel: 022-2772230; 022-2772250-72/6700 & 6704; Email: director.muistd@admin.muett.edu.pk

INSTITUTE OF ENVIRONMENTAL ENGINEERING AND MANAGEMENT

Energy and Environmental Engineering

Eligibility:

- Bachelor's Degree in Environmental, Energy and Environment, Chemical, Electrical, Mechanical, Mining, Metallurgy, Material, Industrial, Manufacturing, Petroleum & Natural Gas, Textile, Civil and Agriculture Engineering and Architecture

Director: Dr. Sheeraz Ahmed Memon

Tel: 022-2772250-72 (ext: 7301 & 7303)

Email: director.ieem@admin.muett.edu.pk

Following programs are also offered at MUET Shaheed ZA Bhutto campus, Khairpur Mir's

- ❖ Civil Engineering
- ❖ Electrical Power Engineering
- ❖ Energy Systems Engineering

Prof. Dr. Haider Abass Mousvi

Focal Person, Post Graduate Program, MUET SZAB Campus, Khairpur Mir's

Tel: 0243-715364-65 (ext 7011); Email: drhyderabadbas@muettkhp.edu.pk

KEY FEATURES

- Foreign Qualified Ph.D./M.E./M.S/MBA/MPhil.Faculty
- Air Conditioned Environment
- Outstanding Teaching Facilities
- Interactive Multimedia Labs (1:1 Student /PC Ratio)
- Syllabus Designed Keeping in View Present & Future Needs of the Market
- Pick & Drop Facility from City etc.

FINANCIAL ASSISTANCE

- Fully paid teaching assistance ships are available in every program
- Fully funded PhD scholarships are available from ICT endowment fund for sustainable development scheme.

In addition, following external scholarships may also be available to students from time to time

- Indigenous Scholarship by Higher Education Commission
- HEC Need Based Scholarship
- National Bank of Pakistan - Student Loan Scheme - Facility of Interest free loan to the students of public sector universities
- Erasmus Mundus scholarship opportunities to study under exchange program in Europe
- Pakistan Engineering Council Scholarship
- Pak USAID Merit and Need based Scholarship for financially disadvantaged students at graduate level

(HEC scholarship awardees are encouraged to apply)

APPLICATION PROCEDURE:

Candidates seeking admission in a post-graduate program at MUET may apply ONLINE by registering himself/herself at <http://pgadmissions.mueta.edu.pk>. Procedure for online applications is available on university website www.mueta.edu.pk. The applicants are advised to submitted the printed copy of application form along with copy of paid Bank Challan of Rs. 3,550/- (be deposited at Habib Bank Limited (HBL), Mehran University Branch), in the office of the Director of concerned Directorate / Institute up to the January 06, 2023.

Detailed Schedule is as under:

Date of Advertisement	18-12-2022
Last date for form submission	06-01-2023
GRE (General) Type Test for Master Degree Programs	18-01-2023
GRE (Subject) Type Test for Admission in PhD Programs	20-01-2023
Announcement of Results	23-01-2023
Dates of Interviews	25-01-2023
Last date of Admission	01-02-2023
Start of First Semester	06-02-2023

Note:

- 1) Ph.D. candidates are required to submit copy of research proposal/statement of purpose (SOP) along with application form.
- 2) Final Year Final Term/Semester students waiting for result are also eligible to apply for admission to M.E/M.Arch/M.CRP/MBA/MS/M.Phil. degree Programs. However; they have to submit their result at the time of interview. For more details, please visit university website www.mueta.edu.pk or contact the concerned director/co-director.
- 3) Programme will be offered subject to minimum number of candidates qualified for the Programme.

Directorate of Admissions
Mehran University of Engineering & Technology,
Jamshoro, 76026, Sindh Pakistan
Tel. No. +92 222 771704, +92-22-2772250-73 Ext. (7701)
Email: admissions@admin.mueta.edu.pk
www.admissions.mueta.edu.pk