NED UNIVERSITY OF ENGINEERING & TECHNOLOGY
KARACHI-75270, PAKISTAN

PROSPECTUS FOR POST GRADUATE PROGRAMMES

LEADING TO THE DEGREE OF
M. ENGG., MEM, MS, M. Arch, MURP

2016 ONWARDS
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1. Brief History of the University
2. Administration & Academic Support
3. Departments
  3.1 Department of Civil Engineering
     3.1.1 Departmental Facilities
     3.1.2 Principal Faculty for the Programme
  3.2 Department of Environmental Engineering
     3.2.1 Departmental Facilities
     3.2.2 Principal Faculty for the Programme
  3.3 Department of Architecture and Planning
     3.3.1 Departmental Facilities
     3.3.2 Number of seats to be offered for Admission to the Programme
     3.3.3 Principal Faculty for the Programme
  3.4 Department of Urban & Infrastructure Engineering
     3.4.1 Departmental Facilities
     3.4.2 Principal Faculty for the Programme
  3.5 Department of Earthquake Engineering
     3.5.1 Masters in Earthquake Engineering
     3.5.2 Masters in Disaster Management and Sciences
     3.5.3 Departmental Facilities
     3.5.4 Computing Facilities
     3.5.5 Principal Faculty for the Programme
  3.6 Department of Mechanical Engineering
     3.6.1 Departmental Facilities
     3.6.2 Principal Faculty for the Programme
  3.7 Department of Industrial and Manufacturing Engineering
     3.7.1 Departmental Facilities
     3.7.2 Principal Faculty for the Programme
  3.8 Department of Textile Engineering
     3.8.1 Departmental Facilities
     3.8.2 Principal Faculty for the Programme
  3.9 Department of Automotive and Marine Engineering
     3.9.1 Departmental Facilities
     3.9.2 Principal Faculty for the Programme
  3.10 Department of Electrical Engineering
     3.10.1 Departmental Facilities
     3.10.2 Principal Faculty for the Programme
  3.11 Department of Computer & Information Systems Engineering
     3.11.1 Departmental Facilities
     3.11.2 Principal Faculty for the Programme
  3.12 Department of Electronic Engineering
     3.12.1 Departmental Facilities
     3.12.2 Principal Faculty for the Programme
  3.13 Department of Materials Engineering
     3.13.1 Departmental Facilities
     3.13.2 Principal Faculty for the Programme
  3.14 Department of Chemical Engineering
     3.14.1 Departmental Facilities
     3.14.2 Principal Faculty for the Programme
  3.15 Department of Polymer & Petrochemical Engineering
     3.15.1 Departmental Facilities
     3.15.2 Principal Faculty for the Programme
  3.16 Department of Bio-Medical Engineering
     3.16.1 Departmental Facilities
     3.16.2 Principal Faculty for the Programme
  3.17 Department of Computer Science & Information Technology
     3.17.1 Departmental Facilities
     3.17.2 Number of seats to be offered for Admission to the Programme
     3.17.3 Principal Faculty for the Programme
4 Courses offered under the Faculties 41

4.1 Master Programmes in the Faculty of Civil Engineering and Architecture 41
4.1.1 M.Engg. in Civil Engineering 41
4.1.2 M.Engg. in Environmental Engineering 42
4.1.3 M.Engg. in Structural Earthquake Engineering 42
4.1.4 Master of Architecture Programme 43
4.1.5 Master of Urban & Regional Planning Programme 43
4.1.6 MS in Disaster Management and Sciences 43
4.1.7 MS in Real Estate Management 44

4.2 Master Programmes in the Faculty of Mechanical and Manufacturing Engineering 44
4.2.1 M.Engg. in Mechanical Engineering 44
4.2.2 M.Engg. in Manufacturing Engineering 46
4.2.3 M.Engg. in Textile Engineering 46
4.2.4 M.Engg. in Automotive Engineering 46
4.2.5 M.Engg. in Computational Engineering 47
4.2.6 MS in Textile Management 47

4.3 Master Programmes in the Faculty of Electrical and Computer Engineering 48
4.3.1 M. Engg. in Electrical Engineering 48
4.3.2 M. Engg. in Computer Systems Engineering 49
4.3.3 M.Engg. in Data Engineering & Information Management 49
4.3.4 M.Engg. in Electronic Engineering 50
4.3.5 M.Engg. in Telecommunications Engineering 50

4.4 Master Programmes in the Faculty of Chemical and Process Engineering 51
4.4.1 M. Engg. in Materials Engineering 51
4.4.2 M. Engg. in Chemical Engineering 51
4.4.3 M. Engg. in Polymer Engineering 51

4.5 Master Programme in the Faculty of Bio-Medical Engineering 52
4.5.1 M. Engg. in Bio-Medical Engineering 52

4.6 Master of Engineering Management (MEM) Programme 52

4.7 Master Programmes in the Faculty of Information Sciences & Humanities 54
4.7.1 Courses in MS Streams in the Department of Computer Science and Information Technology 54
4.7.1(a) MS in Computer Science and Information Technology 54
4.7.1(b) MS in Information Security 54
4.7.2 MS in Applied Mathematics 54
4.7.3 MS in Physics 55
4.7.4 MS in Industrial Chemistry 55
4.7.5 MS in Applied Linguistics 56
4.7.6 MS in Economics and Finance 56
1. BRIEF HISTORY OF THE UNIVERSITY

The NED University of Engineering & Technology, Karachi was established in March 1977 under an Act of the Provincial Assembly of Sindh on upgradation of the former NED Government Engineering College, Karachi. However, the NED Government Engineering College which originally formed the nucleus of the University structure, was set up in 1922 and was thus the oldest engineering institution of Pakistan. Initially starting from an enrolment of 50 students in Civil Engineering more than eight decades ago, the student population now in the three campus (Main, City & LEJ) has gone up to over ten thousand at undergraduate and graduate level.

This institution was initially founded as Prince of Wales Engineering College by the donations of the citizens of Karachi to commemorate the visit of the Prince of Wales in 1921. The College was renamed as NED Engineering College in 1924 in memory of Mr. Nadirshaw Edulji Dinshaw, a well-known philanthropist, whose heirs made substantial donation for its development at the time of his first death anniversary.

After the creation of Pakistan, the Government of the Province of Sindh took over the management of the College on October 17, 1947, and renamed it as NED Government Engineering College, Karachi.

The College remained affiliated to the following Universities before it was raised to the status of full-fledged University.

(a) The University of Bombay (from inception to 1947)
(b) The University of Sindh (from 1947 to 1951)
(c) The University of Karachi (from 1951 to February 1977)

A comprehensive plan was prepared in 1964 to shift the College from the downtown area to a new 40-hectare site adjoining the University of Karachi. The project was executed with the World Bank assistance and the College was shifted to the new Campus in 1975.

The College was upgraded as additional campus of the University of Karachi in 1976 and finally raised to full-fledged Engineering University on March 1, 1977. Further development of the institution is continuing.

The main campus at present has adequate teaching and laboratory facilities for graduate Programmes leading to the degree of Bachelor of Engineering in twenty-one disciplines viz Civil Engineering, Mechanical Engineering, Electrical Engineering, Computer & Information Systems Engineering, Textile Engineering, Electronic Engineering, Industrial & Manufacturing Engineering, Urban Engineering, Telecommunications Engineering, Petroleum Engineering, Automotive Engineering Bio
Engineering, Medical Engineering, Materials Engineering, Chemical Engineering, Polymer & Petrochemical Engineering, Metallurgical Engineering, Marine Engineering, Software Engineering, Construction Engineering and Food Engineering.

Additionally the University offers degree programmes in Bachelor of Architecture and Bachelor of Computer Science and Information Technology.


The University is also offering Masters Programme in Computer Science & Information Technology, Urban & Regional Planning, Architecture, Applied Mathematics, Physics, Industrial Chemistry, Real Estate Management, Economics and Finance, Textile Management and Data Engineering & Information Management.
## 1.2 Administration & Academic Support

### Vice-Chancellor

**Prof. Dr. M. Afzal Haque**  
B.E. (Mech); Ph.D. (UK)

### Dean Faculty of Civil Engineering and Architecture, Dean (CEA)

**Prof. S. H. Lodi**  
B.E. (Civil) NED; M.S. Oregon State University, USA;  
Ph.D. Heriot-Watt University, UK.

### Dean Faculty of Mechanical & Manufacturing Engineering, Dean (MME) (Acting)

**Prof. Dr. Muhammad Tufail**  
B.E. (Mech); M.Sc.(UK); Ph.D. (UK);  
Mem, ASME; Asso. Mem. I MechE;  
Mem. ASM, Mem, PEC

### Dean Faculty of Electrical & Computer Engineering, Dean (ECE)

**Prof. Dr. Saad Ahmed Qazi**  
B.Sc. Engg. (Hons); M.Sc. (Elect.) (Aligarh);  
Ph.D. (UK), MIEEE (UK); MIEEE (USA)

### Dean Faculty of Chemical & Process Engineering, Dean (CPE)

**Prof. Dr. Muhammad Tufail**  
B.E. (Mech); M.Sc.(UK); Ph.D. (UK);  
Mem, ASME; Asso. Mem. I MechE;  
Mem. ASM, Mem, PEC

### Dean Faculty of Bio-Medical Engineering, Dean (BME) (Acting)

**Prof. S. H. Lodi**  
B.E. (Civil) NED; M.S. Oregon State University, USA;  
Ph.D. Heriot-Watt University, UK.

### Dean Faculty of Information, Sciences & Humanities, Dean (ISH) (Acting)

**Prof. Dr. Muhammad Tufail**  
B.E. (Mech); M.Sc.(UK); Ph.D. (UK);  
Mem, ASME; Asso. Mem. I MechE;  
Mem. ASM, Mem, PEC

### Registrar (Acting)

**Mr. Ghazanfar Hussain**  
M.Phil / PhD in progress (UoK);  
M.Sc.( Physical Chemistry) (UoK) (Gold Medal)

### Deputy Registrar (Academic)

**Syed Arshad Hassan**  
B.A.; M.A. (Islamic History)

### Controller of Examinations (Acting)

**Dr. Irfan Ahmed**  
Ph.D (Electrical Engg.); [Michigan Tech., USA]  
M.Engg. (Electrical); [NED]
  
B.E (Electrical)

### Director of Finance

**Mr Muhammad Sajeeruddin**  
B.Com KU; L.L.B. KU;  
A.C.M.A. (Accounts) ICMAP;  
F.C.M.A. (Accounts) ICMAP.

### Resident Auditor (Acting)

**Mr. S. M. Hassan Shamsee**  
B.Com KU; M.A. (Economics) KU

### Director (Planning & Projects)

**Engr. Ashfaq Ahmed Khan**  
B.Sc., B.Sc. Engg. (Civil)  
Member S.A.M.E. (U.S.A.); P.E.

### Chief Librarian (Acting)

**Ms. Shaheen Atique**  
B.A. (KU); D.L.S. (KU); M.L.S. (KU)

### Director of Services & Provost

**Engr. S Wasi Uddin**  
B.E. (Civil); M.Engg.(Env.)

### Controller Student Affairs (Acting)

**Dr. Ali Hasan Mahmood**  
B. E. (Textile Engg); M. Engg (Textile);  
Ph.D. (Textile, The University of Manchester, UK)

### Director Industrial Liaison (Acting)

**Mr. Ali Zulqarnain**  
B.E. (Ind. & Mfg.) M.S. (Engg Mgt.);  
Ph.D. (UK)

### Director, Information Technology Department

**Mr. Zahid Nazeer Ahmed**  
B.Sc.; M.Cs.

### Director, CCEE - NED Academy

**Prof. Dr. Rizwan Ul Haque Farooqui**  
B.E(Civil); M.Sc. (Civil) National University of Singapore;  
Ph.D. (Civil) Florida International University, USA

### Director, Office of Research, Innovation & Commercialization (ORIC)

**Dr. Syed Mehmood Hasan**  
Ph.D. (Integration of SCM) Uni. of Greenwish, UK;