

## ELIGIBILITY FOR ADMISSION

### 1. For M.Sc., Masters and M.S. Programs (Except M. Phil.)

Only those candidates will be eligible for admission who have passed their undergraduate (16 years equivalent) degree by securing a minimum of 60% raw score under annual system or a CGPA of 2.50 out of a maximum of 4.00 under semester system. CGPAs on other scales will be translated accordingly. In case CGPA and marks are both recorded on the transcript, then CGPA score would be considered. In addition, the applicant shall have to clear the Subject Test conducted by the department by securing at least 50% in it.

2. A candidate for admission to a postgraduate class, (other than those mentioned in the table below) must possess at least a Bachelor's degree in the relevant discipline/ subject from a recognized institute/University unless higher qualification is laid down for a particular discipline.

<b>Degree Title</b>	<b>Required Qualification from a HEC Recognized Institute/ University</b>
M.Sc Electrical Engineering	Bachelor's degree in Electrical Engineering or Telecommunication Engineering or Electronics Engineering
M.Sc. Telecommunication Networks	Bachelor's degree in Electrical Engineering or Telecommunication Engineering or Electronics Engineering
M.Sc. Computer Engineering	Sixteen years degree in Computer Science & Engineering or Computer Systems Engineering or Computer Engineering or Electrical Engineering or M.Sc. (16 years) in Physics with specialization in Electronics or M.Sc. (16 years) in Electronics.
M.Sc. Computer Science	Sixteen years equivalent Bachelor's degree in Computer Science or Computer Science and Engineering or Computer Systems Engineering or Computer Engineering or M.Sc. (16 years) in Computer Science or equivalent or B.Sc. Electrical Engineering subject to completion of six additional CS foundations courses as determined by the Post Graduate Committee.
M.Sc. Automotive Engineering	B. Sc Mechanical Engineering
M.Sc. Thermo-fluid Engineering	B. Sc Mechanical Engineering
M.Sc. Railway Engineering	B.Sc. in Mechanical Engineering; Or Electrical Engineering; Or Civil Engineering; Or Mechatronics Engineering; Or Industrial and Manufacturing engineering.
M.Sc. Renewable Energy Systems Engineering	B.Sc. Mechanical Engineering; Or B.Sc./BE Renewable Energy/ Energy Systems Engineering.
M.Sc. Mechatronics Engineering	B.Sc. in Mechatronics Engineering or Mechanical Engineering or Industrial & Manufacturing Engineering or Electrical/Electronics Engineering or Computer Engineering or Aerospace/ Avionics Engineering
M.Sc. Engineering Management	Any B.Sc. Engineering Degree
M.Sc. Environmental Engineering	B.Sc. in Civil Engineering or Chemical Engineering or Environmental Engineering or Transportation Engineering or Architectural Engineering & Design or Mechanical Engineering
M.Phil. Environmental Sciences	Sixteen years of education (B.Sc. or M.Sc.) in Environmental Sciences Or Chemistry Or Biochemistry, Or Zoology Or Botany Or Agricultural Sciences Or B.Sc. in Environmental Engineering Or Civil Engineering.
M.Sc. Integrated Building Design	B.Sc. Architectural Engineering & Design or B.Sc. Civil Engineering or Bachelor of Architecture
M.Sc. Construction Management	B.Sc. in Architectural Engineering Or Civil Engineering Or Transportation Engineering Or Construction Management Or City and Regional Planning or Bachelor of Architecture
M. Sc. Transportation Engineering	B.Sc. in Transportation Engineering Or Civil Engineering Or Urban Engineering
M. Sc. Transportation Informatics	Sixteen years of education (B.Sc. or M.Sc.) in Computer Science Or B.Sc in Computer Engineering Or Transportation Engineering
M.Sc. Geological Engineering	B.Sc. Geological Engineering or B.Sc. Mining Engineering or B.Sc. Petroleum & Gas Engineering or B.Sc. Civil Engineering
M.Sc. Geological Sciences	B.S. Geology or M.Sc. Geology (16 years) or B.Sc. Geological Engineering or B.Sc. Mining Engineering or B.Sc. Petroleum & Gas Engineering or B.Sc. Civil Engineering. However, pre-requisite subjects if required, will be decided at the time of admission considering the subjects opted by the students

M. Sc. Petroleum and Gas Engineering	Petroleum and Gas Engineering or Geological Engineering. Candidates selected on the basis of Geological Engineering will be required to study pre-requisite subjects as determined by departmental Postgraduate Research Committee.
M.S. Polymer Science and Technology	16 years degree in Chemistry or Applied Chemistry or Physics or Applied Physics or Chemical Engineering or Chemical Engineering Technology or Polymer Engineering or Mechanical Engineering or Materials Science and Engineering
M.Sc. Safety Health and Environment Technology	16 years of education (bachelor's in Engineering or Bachelor's in Technology programs) from a recognized institution.
M.Sc. Metallurgical and Materials Engineering	B.Sc. in Metallurgical and Materials Engineering, or Chemical Engineering, or Polymer Engineering, or Mechanical Engineering, or Industrial and Manufacturing Engineering
M.Sc. Tunneling & Underground Excavation Engineering	B.Sc. in Mining Engineering or in Geological Engineering or in Civil Engineering.
Master of Architecture (M.Arch.)	Bachelor of Architecture or B.Sc. Architectural Engineering & Design or B. Sc. in City & Regional Planning or B. Sc. Civil Engineering
M.Sc. City & Regional Planning	B.Sc. City & Regional Planning or Bachelor of Architecture or B.Sc. Civil Engineering
M.Sc. Community Development and Environmental Management	Sixteen years equivalent degree from the recognized University/ Institution in one of the following disciplines: Civil Engineering, Architectural Engineering and Design, Environmental Engineering, Transportation Engineering and Management, Environmental Sciences, Architecture, City and Regional Planning, Product and Industrial Design, Sociology, Rural Sociology, Social Work, Economics, Geography, Geographical Information Systems, Development Studies, Public Administration, Public Policies, Population/ Gender Studies.
M.Sc. Disaster Management	Sixteen years of education (B.Sc. or M.Sc.) in any of the subject of Earth Sciences, Environmental Sciences, Space Sciences, Biological Sciences, management Sciences, Agriculture Sciences, Agricultural Engineering, Medical Sciences, Enconomics, Sociology, Social Work, Psychology, Anthropology, Forestry, Architcture, Gender Studies, Journalism and Mass Communication, Civil Engineering / Minng Engineering / Geological Engineering, City / Urban & Regional Planning, Public Sciences, Public Policies, Product and Industrial Design, Disaster Management.
M.Phil. Nano Science and Technology	16 years degree in Physics or Chemistry or B.Sc. Engineering degree in Electrical or Chemical or Metallurgical or Polymer. B.Sc. (Engineering) Technology degree in Electrical or Chemical or Metallurgical
M.Phil Food Science and Technology	16 years degree in Food Science and Technology or Chemistry or Biochemistry or Agricultural Chemistry or Biotechnology

### 3. For M. Phil. Programs

Only those candidates will be eligible for admission who have passed their undergraduate (16 years equivalent) degree in the relevant discipline, that is, Mathematics, Physics or Chemistry by securing a minimum of 60% raw score under annual system or a CGPA of 2.50 out of a maximum of 4.00 under semester system. CGPAs on other scales will be translated accordingly. In case CGPA and marks are both recorded on the transcript, then CGPA score would be considered. In addition, the applicant shall have to clear the prescribed Aptitude/ Subject Test securing at least 50% cumulative score for admission.