

Admission to Ph.D Program in Department of Civil Engineering

The applicant must have a master's degree in engineering with marks/CPI not below 55% marks (or CPI of 5.5 on a 10-point scale) or the minimum pass marks (or CPI) whichever is greater. Candidates belonging to the Scheduled Castes/Scheduled Tribes who have a master's degree in engineering are eligible to apply irrespective of the marks/CPI.

Applicants with bachelor's degree in engineering must have marks/CPI not below 75% marks (or CPI of 7.5 on a 10-point scale). Applicants from non-CFTI (central funded technical institutions) must also have a valid GATE score.

Applicants with master's degree in science or an allied area from a non-CFTI, satisfying each of the following criteria may be considered for admission into the Ph.D. programme:

- (a) a minimum of 65 percent marks/6.5 CPI in the master's degree,
- (b) first division in bachelor's degree, and
- (c) JRF/95 percentile or higher in GATE.

B.Tech/BS (4-year) students from CFTIs having CPI of 7.5 or more and M.Sc. students from CFTIs having CPI of 7.0 or more are eligible to get admission and financial assistance in Ph.D program without GATE score.

Eligibility: Additional Requirements for Various Specializations In Civil Engineering

Admission to Ph.D in Civil Engineering Department can be in seven specializations, viz., Environmental Engineering (EE), Geoinformatics (GI), Geotechnical Engineering (GTE), Hydraulics and Water Resources Engineering (HWRE), Infrastructure Engineering and Management (IEM), Structural Engineering (STR) and Transportation Engineering (TE). Additional admission eligibility criteria for these specializations have been summarized below.

Environmental Engineering:

Bachelors/Masters degree in Civil / Environmental / Mechanical / Chemical / Agricultural Engineering or in a related engineering branch.

BS(4-yr) or M.Sc. degree with mathematics as one of the subjects at the 10+2 level.

Geoinformatics:

Bachelors/Masters degree in Civil / Mining / Electrical / Computer Science / Electronics Engineering / Information Technology and related fields

BS(4-yr)/M.Sc./M.Tech degree in Earth Science and related fields / Geography / Physics / Mathematics / Environmental Sciences and related fields. Candidates with M.Sc. degree must have mathematics as one of the subjects at B.Sc. level.

Geotechnical Engineering:

Bachelors/Masters degree in Civil Engineering.

Hydraulics & Water Resources Engineering:

Bachelors/Masters in Civil / Mechanical / Aerospace/ Agriculture Engineering.

Industrial Management and Engineering:

Master's degree in Civil Engineering.

Also applicants with bachelor's degree in Civil Engineering and having an excellent academic record* and 5 years of relevant industrial experience may be considered.

Structural Engineering:

Bachelors/Masters degree in Civil Engineering.

Candidates with Master's degree in Architecture, Building Construction and allied subjects may also be considered.

Transportation Engineering:

Bachelors/Masters degree in Civil Engineering.