

Selection Process for the post of Assistant Executive Engineer (Civil)

(Job Reference No. NFR/2018/09)

All shortlisted candidates are required to appear for the screening test, which will be held on 27th November, 2019. Based on the performance in the screening test, the candidates will be shortlisted for the Personal Interview. Personal Interview will be conducted on 27th and 28th of November, 2019. The venue for both the stages is Administrative Block, IIT Dharwad.

Stage-I: Screening Test

Question paper pattern and syllabus

The screening test is divided into four sections as follows:

Section	Topics/Subjects	Weightage of marks
1	General knowledge	10%
2	English language and aptitude	20%
3	Computer Skills	30%
4	Basic Civil Engineering	40%

Broad areas of syllabus for each section are as follows:

Section	Topics/Subjects	Broad syllabus
1	General knowledge	Everyday applications of science, international organizations, geography, history (both Indian and foreign), economics, current affairs and sports.
2	English language and aptitude	Synonyms, grammar, sentence correction/completion, vocabulary, and general aptitude questions.
3	Computer Skills	Basic tools such as Microsoft Word, Excel etc., general computer terminology, basic software and hardware questions, basics of networking and internet.
4	Basic Civil Engineering	Engineering Mechanics; Building Construction- Building components (substructure, superstructure); Building materials; Construction of substructure; Construction of superstructure; Building finishes; Building maintenance; Building drawing; Concrete Technology; Surveying/Geomatics/Remote Sensing; Traffic & Transportation Engineering & Systems; Computer Aided Design; Geo Technical Engineering; Hydraulics; Water Resources & Management; Irrigation Engineering & Hydrology Mechanics of Structures; Theory of structures; Design of Concrete Structures; Design of Steel Structures; Highway Engineering; Environmental Engineering; Advanced Construction Techniques and Equipment; Estimating and Costing; Contracts and Accounts

Stage-II: Personal Interview

The final selection of the candidates will be based on the performance in the Personal Interview from amongst the candidates shortlisted after stage I.