



॥ सा विद्या या विमुक्तये ॥
ಭಾರತೀಯ ತಂತ್ರಜ್ಞಾನ ಸಂಸ್ಥೆ ಧಾರವಾಡ
Indian Institute of Technology Dharwad

ಭಾರತೀಯ ತಂತ್ರಜ್ಞಾನ ಸಂಸ್ಥೆ ಧಾರವಾಡ

ಭಾರತೀಯ ಪ್ರೌಢಯೋಗಿಕ ಸಂಸ್ಥಾನ ಧಾರವಾಡ

Indian Institute of Technology dhArwAD

WALMI Campus, Near High Court Bench,

PB Road, dhArwAD 580011, KarnATaka

Selection Process for the post of Junior Engineer (Civil)

(Staff Recruitment Advt. No: IITDh/Admin/SR/25/2023-24 date 25th July 2023)

All the shortlisted candidates are required to appear in person for the Written Test (s) scheduled on 30th October 2023 (Monday). The venue for Written Test (s) is IIT dhArwAD.

Candidates securing minimum qualifying marks as laid down by the selection committee in Written test I shall be shortlisted for Written test II.

The final selection will be based on aggregate marks obtained from both the written tests (I & II) with weightage of 40% in Written Test I and 60% in Written Test II.

Examination Pattern:

Written Test -I (MCQ Type) (40% Weightage)

Section	Topics/Subjects
1	General Ability Test
2	Understanding of Government Rules and Regulations

Note: 0.25 Negative Marks for every wrong answer MCQ test.

Written Test-II (60% Weightage)

Section	Topics/ Subjects
3	Technical
4	Technical Trade/Skill Test (Pen and Paper)

Note: 0.25 Negative Marks for every wrong answer in MCQ questions, If any.

Syllabus:

Section	Broad syllabus
1	General Awareness, Reasoning, Quantitative Aptitude, Communication Skills
2	Understanding of Government Rules and Regulations: Office procedure, General administration, Fundamental Rules, Supplementary Rules, GFR, Manual for Procurement of Work, Finance & Accounts and procurement policy of Government of India and so on.,
3 & 4	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, Strength of Materials, Project Management, Maintenance, etc Test of Building Materials, Quality Audit of RCC Structures, Finishes, etc., Visit/ Inspection based observation of Construction practices.