



**INDIAN INSTITUTE OF PETROLEUM AND ENERGY
VISAKHAPATNAM**

Notice Ref. No. IIPE/NTS Advt/SE/04

Date: 01st July, 2025

NOTICE

Subject: Syllabus for Trade Test, Written Test and Computer Proficiency Test for selection to the post of Superintending Engineer.

Ref. : (i) IIPE Advertisement No. IIPE/NTS (Regular)/01/2024-25 dated 15.03.2025;
(ii) IIPE Notice Ref. No. IIPE/NTS Advt./SE/04 dated 27.05.2025.

1. With reference to the above, the **syllabus** for **Trade Test, Written Test and Computer Proficiency Test** to be conducted on **15th July, 2025 (Tuesday)** as part of the next stage of selection process for the post of '**Superintending Engineer**' is placed at **Annexure-1**.
2. The **Presentation** and **Interview** will be followed by the above tests to the concerned.
3. Call Letters containing the detailed schedule and other relevant instructions for the next stage of the selection process are sent to the shortlisted applicants to their registered Email IDs.



Encl: As above.

Copy to: Helpdesk, IIPE, to place the copy on the Institute's Website.

Amma P. D.
01/07/2025
Registrar, IIPE

R. P. DWIVEDI
Registrar
Indian Institute of Petroleum & Energy
Visakhapatnam



**SYLLABUS FOR
THE POST OF SUPERINTENDING ENGINEER**

The indicative syllabus for Trade Test, Written Test and Computer Proficiency Test for the post of **Superintending Engineer** is as follows:

Stage-I: Trade Test	<p>This test will assess applied technical knowledge, decision-making, and project management capability relevant to institutional engineering projects.</p> <p>Key Areas:</p> <p>Planning and execution of Greenfield and Brownfield infrastructure, Project management in institutional/campus settings, Interpretation of engineering drawings, tender documents, Exposure to CPWD/PWD practices, safety norms, energy codes, Building services (HVAC, fire safety, water supply, HT lines), Use of CAD, SCADA, and facility management tools, Case-based questions on construction challenges and statutory compliances</p>	<p>Maximum Marks: 100</p> <p>This may include MCQs, Fill in the blanks and descriptive questions.</p>
Stage-II: (i) Written Test	<p>1. IIPE Governance</p> <p>IIPE Act, Statutes, and Ordinances; Institute structure and administrative procedures;</p> <p>2. Technical & Regulatory</p> <p>(i) Office Work & Procedures:</p> <p>CPWD Works Manual, Specifications, PAR & DSR, GFR-2017, Manual for procurement of Goods/ Services/ Works, Project Management Techniques/ Tools, Operation & Maintenance (O&M) Procedures, Tendering Activities & Procedures, Environmental Impact Assessment, Relevant IS Codes for Building design & Construction practices, Green Building Concepts, NBC-2016, Statutory Approvals, Knowledge on AUTOCAD.</p> <p>(ii) Civil Engineering:</p> <p>Building Materials & Concrete Design, Structural Analysis, Foundation Engineering, RCC and Steel Designs, STP and ETP, Surveying, Construction Planning & Procedures, Advanced Technologies in Construction.</p> <p>(iii) Electrical Engineering:</p> <p>Electrical Machines, Power Systems, Substations, Electrical and Electronic Measurements, Power Electronics and Drives, Energy-efficient campus systems (e.g., smart grids, solar), Distribution systems, SCADA, ADMS, HVAC Systems, Mechanical Equipment.</p>	<p>Maximum Marks: 80</p> <p>This may include MCQs, Fill in the blanks and descriptive questions.</p>
Stage-II: (ii) Computer Proficiency Test	<p>The Computer Proficiency Test may include MS Word, MS Excel and Power Point etc.</p>	<p>Maximum Marks: 20</p>

Note: The syllabus given above for Stage-I & II is indicative only which may cover other topics/ areas which are not mentioned herewith, but are followed in the regular educational institutions of national importance like IITs/IIITs/NITs etc.

