



# NATIONAL INSTITUTE OF TECHNOLOGY KARNATAKA, SURATHKAL

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Reference No. : 5213-NITK-NTR/Admin.Estt./2025/B1

Date: 12-06-2025

## Provisional Result of Scrutiny of Applications for post of Executive Engineer (Civil)

Advertisement Ref No. : 5213-NITK-NTR/Admin.Estt./2025/B1, dated 07-01-2025

With reference to the recruitment rules / criteria which is appended in this document, the provisional result of scrutiny of applications for the post of Executive Engineer is published on the basis of the information submitted in the application and the supporting documentary evidence provided by the applicant. The listed candidates are required to enroll for Computer Based Test (CBT), which will be scheduled at **Bangalore** during the month of July 2025. This test is to facilitate shortlisting of applicants for the next stage of recruitment. You have to plan your travel to Bangalore to appear for the CBT and return to your place after participating in the CBT.

**The list of application numbers of the candidates who are eligible to participate in the Computer Based Test (CBT) which will be held in the month of July 2025 is published herewith.**

This provisional result of scrutiny of applications is subjected to the candidate fulfilling the following conditions:

- (1) The candidate has gone through the eligibility criteria published in the recruitment notification such as age, educational qualifications, experience, other requirements of statutory certificates and documents for the post applied by the candidate.
- (2) After ascertaining that the candidate is in possession of all original documents to which are required to establish meeting the eligibility criteria for the post applied by him /her, the candidate has submitted the application.
- (3) The candidate is aware that his/her participation in the recruitment process is subject to verification of all original documents by NITK authorities.
- (4) The candidate is aware that it is his/her responsibility to submit the required original documents to NITK authorities establishing his/her candidature meeting the eligibility criteria for the post.
- (5) The candidate is aware that, in the event of failure to establish his /her candidature meeting the eligibility criteria, his /her candidature will be cancelled by NITK authorities at any stage of recruitment process.
- (6) In such an event of cancellation of his/her candidature by NITK authorities for any reason, the candidate is aware that fees paid by the candidate will be forfeited and the candidate will not hold NITK liable from administrative, financial and legal matters in this regard.

**After having ascertained that you fulfill all the above conditions, the candidate can proceed to enroll for Computer Based Test (CBT), by responding to email sent their email address.**

[Note: The remaining applicants have not established their candidature because of non-satisfying one or more eligibility criteria such as age, educational qualifications, experience, other requirement of statutory certificates and hence are not eligible to participate in the recruitment process]

The CBT Test Structure and Syllabus has been notified on the Institute website. The CBT Enrolment Fee of Rs. 1,000/- has to be paid by candidates of all categories to enroll their participation in the CBT. Upon payment of CBT Enrolment fee, a unique CBT Enrolment Number is assigned to the candidate. Only such candidates who have enrolled for CBT by remitting the CBT Enrolment fee will be permitted to appear for CBT and the call letters to appear for CBT with due instructions and venue of CBT will be sent by email to them.

The CBT Enrolment fee after deducting bank charges **will be refunded to their bank account** for such **candidates who appear for the CBT**. If any candidate fails to appear for CBT, then CBT Enrolment Fee will be forfeited.

The results of the CBT will be announced on the Institute's website at a later date. The candidates are advised to visit the Institute Website regularly for necessary updates.

**The Last date for payment of Computer Based Test Enrolment Fee is 20-06-2025.**  
**No Extension of Time will be given for payment of CBT Enrollment Fee.**

**The list of application number of the candidates who are eligible for enrollment in CBT for Executive Engineer (Civil) Post is given below**

EXEN/32/2025-26/0013	EXEN/32/2025-26/0016	EXEN/32/2025-26/0017	EXEN/32/2025-26/0022
EXEN/32/2025-26/0024	EXEN/32/2025-26/0025	EXEN/32/2025-26/0030	EXEN/32/2025-26/0031
EXEN/32/2025-26/0032	EXEN/32/2025-26/0037	EXEN/32/2025-26/0045	EXEN/32/2025-26/0046
EXEN/32/2025-26/0047	EXEN/32/2025-26/0049	EXEN/32/2025-26/0050	EXEN/32/2025-26/0060
EXEN/32/2025-26/0061	EXEN/32/2025-26/0063	EXEN/32/2025-26/0081	EXEN/32/2025-26/0082
EXEN/32/2025-26/0086	EXEN/32/2025-26/0092	EXEN/32/2025-26/0095	EXEN/32/2025-26/0097
EXEN/32/2025-26/0098	EXEN/32/2025-26/0108	EXEN/32/2025-26/0121	EXEN/32/2025-26/0129
EXEN/32/2025-26/0131	EXEN/32/2025-26/0135	EXEN/32/2025-26/0146	EXEN/32/2025-26/0154
EXEN/32/2025-26/0161	EXEN/32/2025-26/0169	EXEN/32/2025-26/0183	EXEN/32/2025-26/0184
EXEN/32/2025-26/0186	EXEN/32/2025-26/0196	EXEN/32/2025-26/0198	EXEN/32/2025-26/0208
EXEN/32/2025-26/0211	EXEN/32/2025-26/0217	EXEN/32/2025-26/0233	EXEN/32/2025-26/0242
EXEN/32/2025-26/0253	EXEN/32/2025-26/0254	EXEN/32/2025-26/0260	EXEN/32/2025-26/0261

EXEN/32/2025-26/0262	EXEN/32/2025-26/0265	EXEN/32/2025-26/0266	EXEN/32/2025-26/0267
EXEN/32/2025-26/0272	EXEN/32/2025-26/0276	EXEN/32/2025-26/0282	EXEN/32/2025-26/0284
EXEN/32/2025-26/0293	EXEN/32/2025-26/0295	EXEN/32/2025-26/0297	EXEN/32/2025-26/0304
EXEN/32/2025-26/0310	EXEN/32/2025-26/0311	EXEN/32/2025-26/0314	EXEN/32/2025-26/0315
EXEN/32/2025-26/0318	EXEN/32/2025-26/0330	EXEN/32/2025-26/0332	

Sd/-  
Dean (Faculty and Staff Welfare),  
NITK Surathkal  
Correspondence Email: [ntsrc2025@nitk.edu.in](mailto:ntsrc2025@nitk.edu.in)

## **Computer Based Test Structure**

### **(a) Test Structure**

**Duration : 100 Minutes**

Part – A	General Aptitude Test	30 Marks	30 Minutes
Part - B	Domain Knowledge Test	70 Marks	70 Minutes

After Submission of Responses to Part-A Questions, Part-B Questions will appear.

### **(b) Marking Scheme :**

#### **Part – A : General Aptitude Test (30 Marks )**

30 Questions, 1 Mark for Right Answer, Deduction of 0.5 Mark for Wrong Answer.

#### **Part – B : Domain Knowledge Test (70 Marks)**

- (i) 22 Questions, 1 Mark for Right Answer, Deduction of 0.5 Mark for Wrong Answer.
- (ii) 12 Questions, 2 Marks for Right Answer, Deduction of 1 Mark for Wrong Answer.
- (iii) 08 Questions, 3 Marks for Right Answer, Deduction of 1.5 Marks for Wrong Answer

### **Syllabus for Part- A: General Aptitude Test – 30 Marks - 30 Minutes**

- English Language and Comprehension: English Grammar, Sentence Correction and Completion, Paragraph Summary, Reading Comprehension & Inferences, Verbal Analogy & Critical Reasoning
- Logical Reasoning: Number/Alphabet Series, Reasoning Analogy, Relations, Mathematics & Numerical Ability: Arithmetic, Numerical Computation, Numerical Reasoning, Data Reasoning and Data Interpretation.
- General Awareness and Current Affairs: Constitution of India, Current National and International events, Higher & Technical Education in India, Various Policies of the MoE, NEP, NISP, NIRF.
- Computer Proficiency: Knowledge of MS Windows, MS Office (MS word, Power point, Excel), Internet, E-mail system, Basic Data security measures.

## **Syllabus for Part- B : Domain Knowledge Test – 70 Marks - 70 Minutes**

### **Position : Executive Engineer (Civil)**

#### **Building Planning and Construction**

Principles of building planning and design, integrated approach, building byelaws, building services such as vertical transportation, water supply, sanitation, thermal ventilation, lighting, acoustics, fire protection, and electrical fittings. Landscape Development, Signs and Outdoor Display Structures; Approach to Sustainability, SDG.

Different construction materials and their properties - different types of cement - grades of cements - tests on cement and other construction materials. Types of modern building materials such as ceramic products – glass - metals and plastics. Preparation of mortar and cement concrete. Different types of concretes. Types of foundations. Types of doors – windows - lintels - stairs. Types of floors - roofs. Different methods of pointing, plastering and termite proofing. Scaffolding - shoring - underpinning - form work. Procedure of colour washing - white washing - painting - varnishing.

Types of steel and reinforced cement concrete structures, floors, doors and windows, roofs, finishing works, waterproofing, modern construction materials, repair and rehabilitation, and maintenance of facilities. Structural Design Calculation for Loads, Forces and Effects; Soils and Foundations; Masonry; Concrete. Acoustics, sound insulation and noise control; Installation of lifts, escalators, and moving walks; information and communication enabled installations.

#### **Construction and Asset/Facility Management**

Construction project management fundamentals, building systems maintenance, asset lifecycle management, space planning, regulatory compliance, emergency preparedness, energy efficiency, financial management related to facilities, and operational procedures for maintaining building infrastructure.

#### **Water supply Engineering**

Sources of supply, design of intakes, pipe networks, estimation of demand, water quality standards, primary and secondary treatment, maintenance of treatment units, conveyance and distribution of treated water, rural water supply.

#### **Wastewater Engineering and Pollution Control**

Quantity, collection and conveyance and quality, disposal, design of sewer and sewerage systems, pumping, characteristics of sewage and its treatment, rural sanitation, sources and effects of air and noise pollution, monitoring, and standards. Recycling and Reuse of treated sewage water.

## **General Civil Engineering**

Estimation and costing, Contracts and specifications, contract management, dispute resolution, arbitration, Tendering, GFR, Arbitration, RTI, GRIHA, green building concepts, Drainage Waste Management & Waste to Energy: Sources, classification, collection, treatment and disposal. Waste to Energy, regulations, CPCB and EPA guidelines. Purchase Rules and Regulations, GEM, CPWD Manuals and Building codes etc Disaster management: Prevention and mitigation, Labour Welfare: Working conditions - Regulation of Work hour including overtime, health & safety practices HRM: Conflict Management Strategies & Techniques, Group and Team Management - Norm, Decision Making, Team Size, Team Effectiveness, Managerial Roles, Planning, Staffing, Coordinating and Controlling. Solid Waste Management, Underground Gas Supply Norms. Measurement of distance and elevation. Contouring. Total station. Landscape planning, development, and signages. Road Maintenances, road markings and traffic signages.

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