



TGPSC AEE (Civil)

Assistant Executive Engineer — Civil

Transport Roads & Buildings Department

NOTIFICATION NO. 01/G/RB/2026 | Dated: 02 June 2026



TOTAL VACANCIES

222 Posts

Multi-Zone (MZ-1 & MZ-2)

222



PAY SCALE

₹54,220 – ₹1,33,630

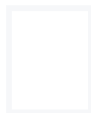
Pay Level 15 (7th Pay Commission)



APPLICATION WINDOW

06 Jun – 13 Jul 2026

Deadline: 13 July 2026, 5:00 PM

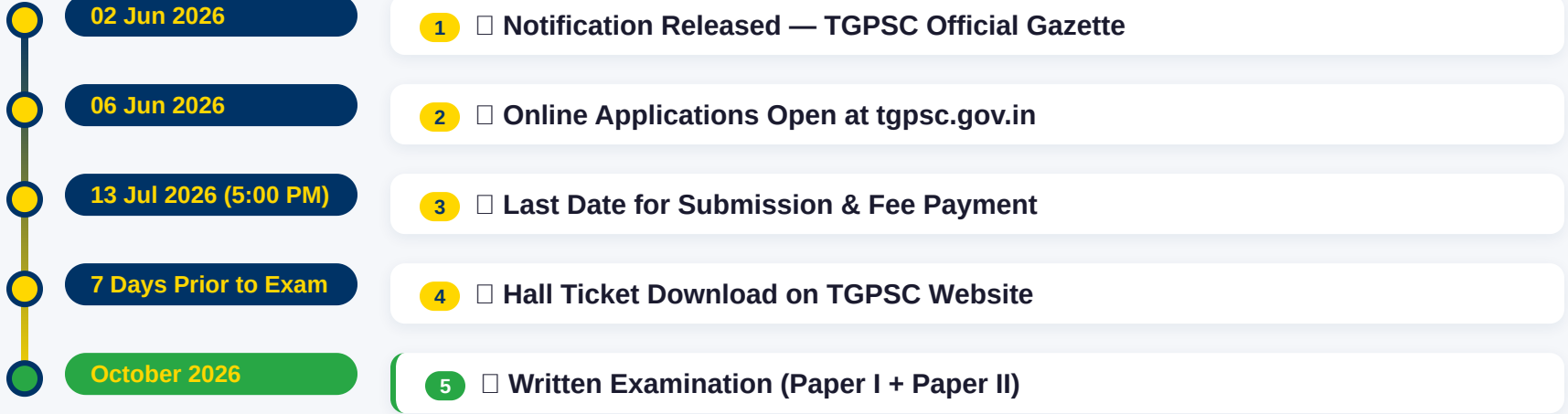


EXAMINATION

October 2026

CBT / OMR mode | Bilingual





Vacancy Distribution — 222 Posts

Zone	OC	EWS	BC-A	BC-B	BC-C	BC-D	BC-E	SC	ST	Sports	PH	Total
MZ-1	35	11	8	11	1	7	4	17	11	2	5	112
MZ-2	34	10	8	11	1	8	5	16	10	2	5	110
Total	69	21	16	22	2	15	9	33	21	4	10	222

! 95% Local Reservation applies (Multi-Zone) — Candidates must satisfy zonal domicile requirements.

□ Education

- ▶ B.E. / B.Tech in Civil Engineering
- ▶ From UGC / AICTE recognised university
- ▶ OR A.M.I.E. (Associate Member, Institution of Engineers)
- ▶ Result declared by 02/06/2026

Civil Engineering degree is mandatory

□ Age (as on 01/07/2026)

- ▶ **Minimum:** 18 years
- ▶ **Maximum:** 44 years
- ▶ Raised from 34 → 44 per GO dated 18/05/2026
- ▶ Born between: **02 Jul 1982 – 01 Jul 2008**

Age limit significantly relaxed in 2026

🇮🇳 Nationality

- ▶ Indian Citizen
- ▶ Telangana local candidates preferred
- ▶ 95% vacancies reserved for local candidates
- ▶ Non-locals compete for remaining 5%
- ▶ Must satisfy local area conditions as per GO

Domicile certificate required at verification stage

Category	Relaxation Allowed
SC / ST / BC / EWS	+ 5 Years
Physically Handicapped (PwD)	+ 10 Years
TS Government Employees	Up to 5 Yrs (based on service)
Ex-Servicemen	3 Yrs + Length of Service
NCC Instructors	3 Yrs + Length of Service

! Max age after relaxation shall not exceed superannuation age as on 01/07/2026

□ Application Steps

- 1 Register OTR** at tgpsc.gov.in — Obtain your unique TGPSC ID (One Time Registration)
- 2 Login** with TGPSC ID → Fill Application Form → Select preferred exam centre
- 3 Pay Fee Online** — Net Banking / Debit Card / Credit Card / UPI / e-Challan
- 4 Download** PDF application & note your **Reference ID** for future reference

□ Fee Details

Category	Application Fee	Exam Fee
OC & BC	₹1,000	₹120
SC / ST / PwD	₹500	Exempt (if unemployed)

! Fee once paid is non-refundable under any circumstances

🌐 Official Portal
tgpsc.gov.in

Paper	Subject	Questions	Duration	Marks	Medium
Paper-I	General Studies & General Abilities	150	150 min	150	Bilingual (English + Telugu)
Paper-II	Civil Engineering (Degree Level)	150	150 min	300	English only
—	TOTAL	300	5 Hours	450	—

Objective Type (MCQ)
OMR / CBRT (Computer Based) mode

✔ Qualifying Marks
OC/EWS/Sports: 40% | BC: 35% |
SC/ST/PH: 30%

⚖ Normalization
Applied for multi-session CBRT
examinations

150 Questions | 150 Marks | 150 Minutes — All 15 topics listed below

1 Current Affairs – Regional, National, International

3 General Science; India's Achievements in S&T

5 Economic & Social Development — India & Telangana

7 Physical, Social & Economic Geography of Telangana

9 Socio-economic, Political & Cultural History of Telangana (incl. Statehood Movement)

11 Social Exclusion; Rights issues (Gender, Caste, Tribe, Disability); Inclusive Policies

13 Policies of Telangana State

15 Basic English (10th Class standard)

2 International Relations & Events

4 Environmental Issues; Disaster Management

6 Physical, Social & Economic Geography of India

8 Socio-economic, Political & Cultural History of Modern India (incl. National Movement)

10 Indian Constitution; Political System; Governance & Public Policy

12 Society, Culture, Heritage, Arts & Literature of Telangana

14 Logical Reasoning; Analytical Ability & Data Interpretation

Paper-II: Civil Engineering — 11 Major Topics (300 Marks)

10 / 20

01



Building Materials & Construction

02



Strength of Materials & Theory of Structures

03



Cement Concrete & Steel Structures

04



Fluid Mechanics & Hydraulics

05



Hydrology & Water Resources Engineering

06



Environmental Engineering

07



Transportation Engineering

08



Soil Mechanics & Foundation Engineering

09



Estimation, Costing & Construction Management

10



Construction Management (PERT & CPM)

11



Surveying

150 Qs | 300 Marks
150 Minutes

- ◆ **Bricks:** Types, IS classification (First class, Second class, Fly ash), properties, field & lab tests
- ◆ **Stones:** Types, classification, dressing, polishing, quarrying methods, properties, uses
- ◆ **Cement:** OPC grades (33, 43, 53), types (PPC, PSC, SRC, WC), properties, IS specifications
- ◆ **Aggregates:** Coarse & fine aggregates, properties (gradation, shape, size), IS specifications, soundness
- ◆ **Cement Mortar:** Proportions for various applications — plastering, masonry, flooring, pointing
- ◆ **Concrete:** Constituents, grades (M10–M80), mix design (IS 10262), fresh properties (workability, slump), hardened properties (strength, durability), water-cement ratio
- ◆ **Admixtures:** Types — accelerators, retarders, plasticizers, superplasticizers, air-entraining agents

Strength of Materials & Theory of Structures

- ◆ Simple stresses/strains, elastic constants (E , G , K , μ)
- ◆ SFD/BMD, principal stresses, Mohr's circle
- ◆ Bending theory, shear stress distribution, torsion, springs
- ◆ Deflection (Macaulay's, Castigliano's), thin/thick cylinders, trusses
- ◆ Columns (Euler's, Rankine's), strain energy, influence lines
- ◆ Moment distribution, slope deflection, Kani's method, matrix methods

RCC Design & Steel Structures

- ◆ Working stress & Limit State design methods (IS 456)
- ◆ Design: Beams, Slabs (one-way/two-way), Columns, Footings, Shear & Torsion
- ◆ Retaining walls, water tanks (IS 3370), T-beam slab bridges
- ◆ Steel: Riveted/welded joints, beams, columns, trusses, plate girders (IS 800)
- ◆ Pre-stressed concrete: concepts, losses, PSC beam analysis (IS 1343)

Fluid Mechanics & Hydraulics

- ◆ Fluid properties, pressure measurement, manometers, gauges
- ◆ Kinematics: stream function, potential function, flow nets
- ◆ Dynamics: Bernoulli's theorem, impulse-momentum, Venturimeter
- ◆ Laminar/turbulent flow, Reynolds number, Darcy-Weisbach, friction losses
- ◆ Compressible flow, open channels, Manning's equation, GVF profiles
- ◆ Boundary layer, dimensional analysis (Buckingham π), turbines & pumps

Hydrology & Water Resources Engineering

- ◆ Hydrological cycle, rainfall analysis, infiltration (Horton, Green-Ampt)
- ◆ Runoff, floods: rational formula, Unit Hydrograph, Gumbel's method
- ◆ Groundwater: aquifers, Darcy's law, radial flow to wells
- ◆ Irrigation: types, soil-water-plant relationship, duty, delta, base period
- ◆ Dams, spillways, canals, weirs, Bligh's creep theory, Khosla's theorem
- ◆ Canal falls, cross drainage works, hydropower basics

Environmental Engineering

- ◆ Water supply: demand estimation, population forecast methods
- ◆ Water analysis, coagulation, sedimentation, filtration, disinfection, softening
- ◆ Distribution networks: Hardy Cross method, pipe design
- ◆ Sewerage systems, sewer design, BOD/COD, self-purification of streams
- ◆ Sewage treatment: grit chamber, sedimentation, trickling filter, ASP, sludge digestion
- ◆ Solid waste management, air pollution, noise pollution standards

Transportation Engineering

- ◆ Highway engineering: IRC classification, alignment, geometric design standards
- ◆ Traffic surveys, intersections, signal design (Webster's formula), PCU
- ◆ Parking studies, accident analysis, pavement design (flexible & rigid — IRC)
- ◆ Railways: permanent way, rails, sleepers, ballast, super-elevation, curves
- ◆ Airports: site selection criteria, runway design, wind rose diagram, RESA

Soil Mechanics & Foundation Engg.

- ◆ Physical properties, classification (IS), permeability
- ◆ Compaction (Proctor), consolidation, shear strength
- ◆ Earth pressure (Rankine, Coulomb), slope stability
- ◆ Bearing capacity, settlement (Terzaghi, Meyerhof)
- ◆ Pile foundations, caissons, dewatering methods
- ◆ Foundations on expansive soils

Estimation & Construction Mgmt.

- ◆ Abstract & detailed estimates (centre-line, long/short wall)
- ◆ General specs: earthwork, masonry, RCC, plastering
- ◆ Lead/lift charges, earthwork computation methods
- ◆ Plinth area & cubic rate estimates
- ◆ Tendering, contracts, types of projects
- ◆ Network analysis: PERT & CPM, critical path

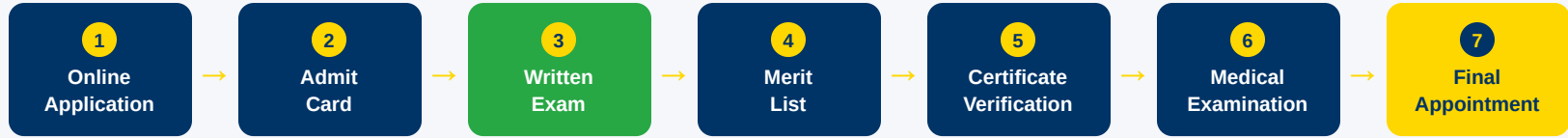
Surveying

- ◆ Principles, chain & compass surveying
- ◆ Levelling: types, methods, contouring
- ◆ Theodolite surveying, setting out curves
- ◆ EDM instruments, Total Station
- ◆ GPS: components, DGPS, applications
- ◆ GIS basics, remote sensing fundamentals

SUB-TOPICS WITHIN SOIL MECHANICS & FOUNDATION ENGINEERING

- ☐ Mineralogy & Structural Geology — rock-forming minerals, geological structures
- ☐ Groundwater Exploration Methods — geological surveys, bore logs
- ☐ Engineering Geology for Tunnels, Dams & Reservoirs — rock quality designation (RQD)
- ☐ Geological Hazards & Preventive Measures — landslides, liquefaction, subsidence

△ This topic appears within Soil Mechanics & Foundation Engineering — prepare alongside geotechnical topics



□ **Pure Merit-Based:** Selection based entirely on written exam marks. *No interview round.*

□ **Certificate Verification:** Originals of all uploaded documents verified before appointment

□ **Tie-Breaking Rule:** Local status → DOB (elder first) → Subject paper marks → Qualifying exam marks

□ **Medical Standard:** Must satisfy prescribed medical fitness standards for AEE post



Hyderabad

incl. HMDA Jurisdiction



Karimnagar

North Telangana



Khammam

South Telangana



Warangal

East Telangana



Nizamabad

North-West Telangana

! Commission may allot any centre based on availability. No change requests entertained after submission.



Complete Coverage

All 11 Civil Engineering topics + General Studies covered with VG Academy smartboard notes and study material



PYQ Practice

450+ Previous Year Questions from ESE / IES / GATE with detailed step-by-step solutions and concept revision



Test Series

Topic-wise tests + Full-length mock tests simulating actual TGPSC AEE exam pattern with detailed analytics



ACTION REQUIRED

Apply Now — Deadline: 13 July 2026

🌐 Official Portal
tgpsc.gov.in

☐ Application Fee
₹1,000 (OC/BC) | ₹500
(SC/ST/PwD)

☐ Exam Month
October 2026

☐ Total Vacancies
222 Posts across Telangana

All the Best from VG Academy! ☐

