RITES LIMITED
(A Govt. of India Enterprise)
Shikhar, Plot No. 1, Sector – 29, Gurgaon – 122001

Recruitment of Engineering Professionals on Regular Basis

RITES Ltd., a Navratna Central Public Sector Enterprise under the Ministry of Railways, Govt. of India is a premier multi-disciplinary consultancy organization in the fields of transport, infrastructure and related technologies.

IMPORTANT DATES	
Particulars	**Date**
Commencement of submission of online application and online payment of fees	**03.09.2026**
Last date of submission of online application and online payment of fees	**30.09.2026**

RITES Ltd. is in urgent need of dynamic and hard-working professionals as under:

VC No.	Designation / Post	No. of Vacancies						Age limit (in years)
		UR	EWS	OBC (NCL)	SC	ST	Total	
RG/19/26	DGM (Structural Engineer / Buildings)	01	-	-	-	-	**01**	41
RG/20/26	Assistant Manager (Structural Engineer / Buildings)	01	-	-	-	-	**01**	32
RG/21/26	Assistant Manager (BIM Expert / Public Health Engineering)	01	-	-	-	-	**01**	32
RG/22/26	Assistant Manager/ Architect (Healthcare / Hospital Expert)	01	-	-	-	-	**01**	32
RG/23/26	Assistant Manager (Architect / Building Expert)	03	01	02	01	-	**07**	32
RG/24/26	Assistant Manager (Architect / Metro Rail Expert)	01	-	-	-	-	**01**	32

Note: Age, experience, and all other eligibility criteria shall be reckoned as on the last date of submission of the application i.e., 30.09.2026 (cut-off date).

Note: The written test for all the Assistant Manager posts above will be conducted at the SAME DATE & TIME. Candidates shall ensure their eligibility for the appropriate post / vacancy and apply accordingly.

Minimum Qualifications & Experience

VC No	Designation / Post	Essential Educational Qualification*	Minimum post - qualification experience	Relevant Post-Qualification Work Experience
RG/19/26	DGM (Structural Engineer / Buildings)	Full Time Bachelor's Degree in Civil Engineering, AND, Master's Degree in Structural Engineering.	11 Years	Minimum 5 years' experience in design of multi-storied buildings, including RCC, Steel and Composite Structures. **Desirable:** Proficiency in structural design software such as ETABS, STAAD, SAFE etc.

a) <u>For candidates from Central/State Govt./PSU/Autonomous Organizations:</u>

Candidates from Central/State Govt./PSUs/Autonomous Organizations having IDA/CDA Pay Scale etc. should have a total experience of 11 years and should worked for at least 2 years in the IDA pay scale of Rs. 60,000-1,80,000 /CDA pay scale in the level 11 of pay matrix of 7th CPC (pre-revised IDA/CDA pay scales as applicable, for salary drawn in pre-revised pay scale)

For Candidates from State PSUs/Autonomous Organizations/PSBs/ Public Sector Insurance Companies/Other Statutory Bodies etc. not following IDA/CDA Pay Scale should have a total experience of 11 years and should worked for at least 2 years in the equivalent pay scale to IDA pay scale of Rs. 60,000- 1,80,000 /CDA pay scale in the level 11 of pay matrix of 7th CPC. Equivalence in such cases shall be arrived at by comparison of the maximum basic pay in the pay scale in which the incumbent drew salary with the relevant IDA/CDA Pay scale.

The afore-mentioned requirement of residency of two years in the immediate lower scale shall not be applicable in case of candidates from the same pay scale or higher pay scale of the advertised post.

b) <u>Candidates from Private Sector or other Organizations:</u>

Candidates from private sector or other organizations should have a total experience of 11 years and should have an annual CTC of at least 24.10 LPA on the last date for submission of the application.

The criteria for both (a) & (b) above shall be applicable for the last (latest) organization in which candidate has worked/ is working.

VC No	Designation / Post	Essential Educational Qualification*	Minimum post – qualification experience	Relevant Post-Qualification Work Experience
RG/20/26	Assistant Manager (Structural Engineer / Buildings)	Full Time Bachelor's Degree in Civil Engineering, AND, Master's Degree in Structural Engineering	02 Years	Minimum 2 years' experience in design of multi-storied buildings, including RCC, Steel and Composite Structures. **Desirable:** Proficiency in structural design software such as ETABS, STAAD, SAFE, etc., and working knowledge of BIM.
VC No	**Designation / Post**	**Essential Educational Qualification***	**Minimum post – qualification experience**	**Relevant Post-Qualification Work Experience**
RG/21/26	Assistant Manager (BIM Expert / Public Health Engineering)	Full-time Bachelor's Degree in Civil Engineering	02 Years	Minimum 2 years' experience in design of Water Supply, Drainage, Sewerage, STP and Fire Fighting Systems for building infrastructure. **Desirable:** Experience of working on BIM platforms using REVIT (MEP), NAVISWORK, Autodesk Construction Cloud, H2X, WaterGEMS, SewerGEMS, etc.; and qualification of M.Tech. in Public Health Engineering (PHE), Environmental Engineering or equivalent.

VC No	Designation / Post	Essential Educational Qualification*	Minimum post – qualification experience	Relevant Post-Qualification Work Experience
RG/22/26	Assistant Manager / Architect (Healthcare / Hospital Expert)	Full Time Bachelor's Degree in Architecture, AND, Master's Degree in Healthcare Architecture	02 Years	Minimum 2 years' experience in planning and design of healthcare facilities such as hospitals, medical colleges, etc. **Desirable:** Experience in planning and design of super-specialty and multi-specialty hospitals; and Working knowledge of BIM.
VC No	**Designation / Post**	**Essential Educational Qualification***	**Minimum post – qualification experience**	**Relevant Post-Qualification Work Experience**
RG/23/26	Assistant Manager (Architect / Building Expert)	Full Time Bachelor's Degree in Architecture	02 Years	Minimum 2 years' experience in planning and design of building infrastructure, including multi-storied buildings. **Desirable:** Working knowledge of BIM; and qualification of Master's Degree in Architecture.
VC No	**Designation / Post**	**Essential Educational Qualification***	**Minimum post – qualification experience**	**Relevant Post-Qualification Work Experience**
RG/24/26	Assistant Manager (Architect / Metro Rail Expert)	Full Time Bachelor's Degree in Architecture	02 Years	Minimum 2 years' experience in planning and design of Metro Station buildings, including underground stations. **Desirable:** Working knowledge of BIM; and Master's Degree in Architecture.

Note: The period of training (except on-the-job training) / internship / teaching / academic / fellowship / PhD research experience shall NOT be counted as a part of experience. The period of Apprenticeship training (as per The Apprenticeship Act 1961) in the relevant discipline / area shall be considered for minimum post-qualification experience required for the post, subject to fulfilment of all other eligibility criteria of the post.

***Candidates belonging to UR/EWS category (and candidates belonging to SC/ST/OBC(NCL)/PWD applying against unreserved posts) should have first class degree/ minimum 60% marks in Minimum Qualification for consideration against unreserved posts.**

Reserved category candidates (SC/ST/OBC(NCL)/PwBD as applicable) should have at least 50% marks in Minimum Qualification for consideration against reserved posts.

The candidate should possess Degree recognized by AICTE/UGC (as applicable); from a University incorporated by an Act of Central or State legislature in India or other Educational Institutions established by an Act of Parliament or declared to be Deemed as University under Section 3 of the University Grants Commission Act, 1956.

Sections A & B examination of the Institution of Engineers (India) which is treated as equivalent to Degree by Govt. of India and recognized by AICTE shall also be accepted.

If the certificate or marksheet does not indicate the first class/division or percentage, the applicant shall provide the conversion formula for deriving the percentage from the CGPA/DGPA/etc., as issued by the concerned university/institution. In such cases where the university/institution does not have a conversion formula, an undertaking to this effect must be submitted duly signed by an authorized representative of the university/institution, and then minimum 6 on 10-point scale will be considered as 60%.

Selection Process

For Post of DGM (Structural Engineer / Buildings) - RG/19/26:

1. Document Scrutiny:

Documents submitted by candidates will be scrutinized by RITES Limited and candidates found eligible will be called for verification of original documents and selection process. It will be the candidates' responsibility to upload supporting documents substantiating the claims submitted in the application form.

In case of deficiency in documents scrutinized by RITES in establishing the claim made in the application, the same shall be notified on the website along with the list of candidates to be called for the interview preceded by document verification. The candidates called for the interview shall bring all the required documents in original, including the original copies of such documents which fulfill the deficiency notified (as applicable). It shall be the responsibility of the candidate to produce all the documents establishing their eligibility and claim made in the application, and inability to produce the documents fulfilling the deficiency at the time of document verification, before the interview will render their candidature ineligible.

The documents fulfilling the deficiency must be submitted at the time of document verification and the same must be issued in relation to the deficiency notified, with the purpose of substantiating the claim made in the application by such candidate; however, the date on the same shall not be later than the of date of document verification (submission of documents with regard to category status including OBC-NCL and EWS will continue to be governed as per the 'Relaxation & Concessions' section of this advertisement, to be read along with clause 8 under 'How to Apply' section of this advertisement).

2. Interview:

The weightage distribution of various parameters of the selection involving only interview shall be as under:

The weightage distribution of various parameters of the interview round shall be as under:

Interview - 100%

(Technical & Professional proficiency - 65 %; Personality Communication & Competency – 35 %)

Total - 100

For the Posts of Assistant Manager - RG/20/26 to RG/24/26:

1. Written Test:

There will be 125 objective type questions carrying one mark each for a duration of 2.5 Hours. There will be no negative marking system applicable and therefore, no marks will be deducted in case of an incorrect answer. Candidates belonging to PwBD Category are eligible for an compensatory time of 50 minutes.
A minimum of 50% marks for UR/ EWS (45% for SC/ST/OBC (NCL)/PwBD against reserved posts) in written test will be required to enable the candidate to be considered for further consideration.

2. Document Scrutiny:

Based on the result of the written test and no. of vacancies, the documents submitted by candidates will be scrutinized by RITES Limited and shortlisted candidates will be called for interview preceded by verification of original documents. It will be the candidates' responsibility to upload supporting documents substantiating the claims submitted in the application form.

In case of deficiency in documents scrutinized by RITES in establishing the claim made in the application, the same shall be notified on the website along with the list of candidates to be called for the interview preceded by document verification. The candidates called for the interview shall bring all the required documents in original, including the original copies of such documents which fulfill the deficiency notified (as applicable). It shall be the responsibility of the candidate to produce all the documents establishing their eligibility and claim made in the application, and inability to produce the documents fulfilling the deficiency at the time of document verification before the interview will render their candidature ineligible.

The documents fulfilling the deficiency must be submitted at the time of document verification and the same must be issued in relation to the deficiency notified, with the purpose of substantiating the claim made in the application by such candidate; however, the date on the same shall not be later than the of date of document verification (submission of documents with regard to category status including OBC-NCL and EWS will continue to be governed as per the 'Relaxation & Concessions' section of this advertisement, to be read along with clause 8 under 'How to Apply' section of this advertisement).

3. Interview:

Candidates will be called for interview in the ratio of 1:6 to the number of vacancies.

The weightage distribution of various parameters of the selection involving both written test & interview shall be as under:

Written Test	-	60%
Interview	-	40%
(Technical & Professional proficiency - 30; Personality Communication & Competency – 10)		
Total	-	100%

A minimum of 60% marks for UR/ EWS (50% for SC/ST/OBC (NCL)/ PWD against reserved posts) in interview will be required to enable the candidate to be considered for placement on panel. There will be no minimum qualifying marks required in the aggregate.

Candidates have the option to appear for the selection process either in Hindi or English.

Based on the requirement and discretion of RITES, the selection process of written test or interview or both may be conducted from Regional Offices, which shall be intimated upon issuance of respective call letters to applicable candidates.

Appointment of selected candidates will be subject to their being found medically fit in the Medical Examination to be conducted as per RITES Rules and Standards of Medical Fitness for the relevant post.

Relaxations & Concessions

Reservation/ relaxation/ concessions to EWS/ SC/ST/OBC-NCL/PWD/ Ex-SM/ J&K Domicile would be provided against reserved posts (where applicable) as per extant Govt. orders.

RITES regular/contract employees fulfilling the educational qualification and experience criteria shall be given age relaxation of 5 years, over and above the upper age limit indicated below.

The following relaxation in age shall be given, subject to production of required certificates:

- SC/ST Category: 5 years
- OBC-NCL Category: 3 years
- J&K Domicile: 5 years
- Persons with Benchmark Disability (PwBD): 10Years; in addition to the age relaxation permissible for SC/ST/OBC-NCL category candidates, subject to the post being identified suitable for PWD as mentioned in the below table.

However, relaxation in upper age limit shall be applicable for PwBD candidates irrespective of the fact whether the post is reserved or not, provided the post is identified suitable for PwBDs as per the below table.

PWD candidates will have to meet the Physical Requirements and Functional Classifications which have been identified for the post as under:

Discipline	Categories for which identified	Functional Classification	Physical Requirements
Civil	Locomotor disability	OA, OL	S, ST, BN, W, SE, MF, C, RW, R, W
	Hearing Impairment	HI	

Persons with Disabilities belonging to the category/ categories for which the post is identified (as indicated in Table above) can also apply even if no vacancies are specifically reserved for them. Such candidates will be considered for selection for appointment to the post by general standard of merit.

Functional Classifications		Physical Requirements	
Code	**Classification**	**Code**	**Physical Requirements**
OH	Orthopedically Handicapped	S	Sitting
VH	Visually Handicapped	ST	Standing
HH	Hard of Hearing	W	Walking
OL	One leg	SE	Seeing
OA	One arm	H	Hearing/ Speaking
BA	Both Arms	RW	Reading and Writing
BH	Both Hands	C	Communication
MW	Muscular Weakness	MF	Manipulation by fingers
OAL	One arm one leg	PP	Pulling & Pushing
BLA	Both Legs and Arms	L	Lifting
BLOA	Both Legs one Arm	KC	Kneeling & Crouching
LV	Low Vision	BN	Bending
B	Blind	M	Movement
PD	Partially Deaf	JU	Jumping
FD	Fully Deaf	CL	Climbing
BL	Both legs	CL	Climbing
D	Dwarfism		
CP	Cerebral Palsy		
LC	Leprosy Cured		
AAV	Acid Attack Victims		
MD	Multiple Disabilities		

The above lists are subject to revision.

Nature & Period of Engagement

The appointment will be initially on probation for a period of one year from the date of joining and further continuance as well as confirmation of service would depend upon performance and verification of genuineness / veracity of the certificates & documents submitted at the time of joining RITES; and till such time the confirmation order is issued, the employee will continue to be on probation.

Selected candidates shall be liable for posting at any place in India and abroad as per requirements of the Company.

Candidates will be required to clear the screening test for confirmation of their services at the end of the probation period. Those who fail to qualify in the screening test, their probation period may be extended, and further action taken in accordance with the policy of the Company.

Candidates may also note that no application of an employee will be forwarded for jobs outside until he/ she completes 2 years of service in the Company.

Remuneration

The pay would be fixed at the minimum of the scale. Employees appointed on regular basis from other PSUs or Govt. organizations (Central / State / Banks / Autonomous body etc.), who had applied through proper channel or submitted NOC at the time of interview, shall be eligible for protection of pay (Basic+DA), in accordance with the policy of the Company. In addition to Basic Pay candidates would be paid DA, Fixed/variable allowances as applicable to the scale, Performance Related Pay, Medical facilities, HRA/Lease accommodation, attractive superannuation package consisting of contribution to PF, Gratuity as per Gratuity Act and Post Retirement Medical Scheme. Other benefits would be as under:

a) Leaves as per leave rules
b) Maternity Leave/ Paternity Leave — As per company rules applicable to
c) Medical facility. — Regular employees.
d) Group Insurance.
e) Leave Encashment.

The pay-scale for the position is detailed below:

VC.No	Pay Scale
RG/19/26	INR 70,000-2,00,000
RG/20/26 to RG/24/26	INR 40,000-1,40,000

Fees

The candidates will have to deposit the undermentioned amount of fees during online application:

Category	Fee
General/OBC Candidates	Rs. 600/- plus Taxes as applicable
EWS/ SC/ST/ PWD Candidates	Rs. 300/- plus Taxes as applicable

For any difficulty/ queries regarding fee payment, candidates may contact on following only:Helpdesk No: 011 – 33557000, Extension Code - 13221

Helpdesk e-mail id: pg.service@hdfc.bank.in

Note:

a) Posts not reserved for SC / ST / PwD category, candidates from such category will also have to make payment of full fees at this stage during online application.

b) The fee charged from the candidates belonging to SC / ST / PwD category during online application would be later refunded upon their participation in the further selection process of written exam / interview (as applicable). The refund amount will be made to such candidates only by way of crediting the amount to the source account / debit card / credit card etc., from which such candidate had paid the fee, duly deducting GST / bank charges (as applicable), after submission and scrutiny of their category certificate.

c) Candidates belonging to SC/ST/PwBD category are required submit their certificate at the time of payment of application fee through the application portal, to be considered for refund (as applicable).

d) Candidates should note that the fee submitted through any other mode except the mode specified, will not be accepted by RITES and such applications will be treated as without fee and will be summarily rejected.

e) Candidates shall ensure that the invoice is generated upon successful payment of fee; and in case they are not able to download the invoice, it shall be candidates' responsibility to immediately communicate the same by writing an email to rectt@rites.com with registration details.

Venue & Time

S. No.	Selection Round	Venue
1	Written Test (for RG/20/26 & RG/24/26)	6 different locations across India* (Exact address shall be communicated to the candidates later)
2	Interview (for all vacancies)	Will be intimated later on

Candidates are required to give two preferences for their choice of center for the Written Test at the time of online application. Although efforts shall be made to allot a center of choice to the candidates, however RITES reserves the right to allot to a candidate a center which was not indicated as his preference.

Test Centers for Written Test*:

S. No.	City
1	Delhi/Gurgaon
2	Kolkata
3	Bangalore
4	Mumbai
5	Bhubaneswar
6	Guwahati

***All centers except Delhi/ Gurgaon are tentative and will depend on number of candidates and discretion of RITES.**

Exact Date, time and details of venue of the selection shall be communicated to candidates separately.

Syllabus for Written Test

SN.	Post & VC No.	Syllabus for Written Test
1.	Assistant Manager (Structural Engineer / Buildings) (RG/20/26)	**1. Structural Analysis** A. Analysis of statically determinate and indeterminate structures. B. Analysis & Design of Trusses, continuous beams, and rigid frames etc. Types of Supports, Shear Force and Bending Moment, Shear Force and Bending Moment Diagrams, Graphical Method of Plotting S.F. and B.M. Diagrams. C. Influence Lines for determinate and indeterminate structures. D. Matrix Methods: Flexibility and stiffness matrix formulations. E. Plastic analysis of steel beams and portal frames. F. Column analysis with different support condition, loading, effective height, short column, slender column. G. Deflection of framed structures Moving loads on beam/frames, influence lines for bending moment and shear force in members of framed structure. Moment distribution and slope deflection methods **2. Design of Concrete Structures (RCC & Prestressed)** A. Design Philosophies: Limit State Method (LSM) and Working Stress Method (WSM), Ultimate Load Method (ULM). B. Design of individual structural components: Beams (singly/doubly reinforced, T-beams), slabs (one way, two-way), columns, and isolated/combined footings. C. Liquid retaining structures (underground and overhead water tanks). D. Retaining walls (cantilever and counterfort types). E. Prestressed Concrete: Basic concepts, loss of prestress, analysis of sections for flexure. F. Earthquake Engineering: Ductile detailing provisions as per IS 13920 and seismic load calculations **3. Design of Steel Structures** A. Design of tension and compression members, beams, and built-up columns in steel. B. Stress–strain curve for mild/rolled steel, loads, permissible & working stresses, factor of safety, minimum member thickness, and design methods. C. Compression Members: Effective length, slenderness ratio, column design, section types, assumptions, and design of axially loaded compression members and Tension Members: Net sectional area, permissible stress, and design of axially loaded tension members. D. Connections: Plastic design parameters for bolted (bearing and friction grip type) and welded joints. E. Plate girders, gantry girders, and roof trusses. F. Welded Joints: Types of welds and design of fillet and butt welds. G. Industrial building layout and structural requirements. **4. Geotechnical & Foundation Engineering** A. Soil mechanics: Effective stress, shear strength, compaction, and consolidation. B. Earth pressure theories and stability of soil. C. Foundations: analysis & design for shallow and deep foundations. **5. Pre-Stressed Concrete Structures** A. Specification of materials, methods of prestressing, losses, analysis, and design of members for moment and shear, stresses in anchorage zones of pretensioned and post tensioned members, design of end block, prestressed concrete compression members, partial prestressing, composite construction with prestressed concrete and reinforced concrete, two-way prestressing, B. Short term deflections of uncracked members, Prediction of long- term deflections, Review of Indian code.

		6. Structural Dynamics in Earthquake Engineering: A. Single and multi-degree freedom systems, undamped and damped systems, numerical integration scheme, modal analysis for undamped and damped systems. B. Characteristics of earthquake, Earthquake response of structures, Concept of earthquake resistant design. Codal provision for design of buildings, masonry structures and bridges etc, liquefaction, C. Detailing of earthquake resistant structures with relevant Indian Codes. **7. Design of High-Rise and Industrial Structures** A. Design philosophy, loading, and materials and design mixes. Loading and Movement: Gravity loading: Dead and live load, methods of live load reduction, Impact, Gravity loading, Construction loads. Wind loading: static and dynamic approach. Earthquake loading: Equivalent lateral force, modal analysis, combinations of loading, Limit state design. B. Analysis and Design: Modelling for approximate analysis, accurate analysis and reduction techniques, analysis of building as total structural system considering overall integrity and major subsystem interaction, analysis for member forces; drift and twist, Yield line method of design of slabs. Design of flat slabs and Design of continuous beams with redistribution of moments. C. Analysis of industrial building for Gravity and Wind load. Analysis and design of framing components namely, girders, trusses, gable frames. Analysis and design of gantry column (stepped column /column with bracket), purlins, girts, bracings including all connections. Analysis and Design of foundations - Isolated, Raft and Pile. D. Concept of pre-engineered buildings (PEBs). **8. Repair and Rehabilitation of Structures** A. Introduction, Cause of deterioration of concrete structures, Diagnostic methods ft analysis, preliminary investigations, experimental investigations using NOT, load testing, corrosion mapping, core drilling and other instrumental methods. B. Quality assurance for concrete construction, as built concrete properties strength, permeability, thermal properties, and cracking. Assessment procedure for evaluating a damaged structure, causes of deterioration, testing techniques **9. Computer-Aided Design & Software Packages** A. Application of computer technology in Structural Engineering Design of Buildings; understanding elements of computer graphics and usage of packages such as AutoCAD, Revit Structure, STAAD Pro, SAFE, ETABS, and other software. B. Knowledge of BIM platforms like Navisworks etc. for integrated design, multidisciplinary coordination, automated clash detection with allied building components/systems, and lifecycle management of Structural systems of buildings. C. Understanding the creation and management of digital replicas of structural design model. Integrating BIM with IoT data to monitor assets, predict maintenance, and enhance operational efficiency.
2.	Assistant Manager (BIM Expert / Public Health Engineering) (RG/21/26)	**1. Fluid Mechanics & Hydraulics** A. Properties of fluids, fluid statics, Fluid kinematics and dynamics etc. B. Bernoulli's equation and applications, Flow through pipes (major and minor losses), Pipe networks C. Open channel flow (Chezy's equation, Mannings Equation etc.), D. Pumping; Centrifugal pumps, pump selection, head losses, pumping stations, surge/water hammer etc. **2. Principles of Water Supply, Standards and Systems** A. Population forecasting and Water Demand Analysis; methods, calculations etc., B. Sources of water supply and intake structures, Water distribution systems: including pipe network design, Stora ge reservoirs (ESR/OGR), operation and maintenance of water supply systems,

		C. Pumping Systems & Head Calculation, Plumbing, Sewerage & Stormwater systems (Internal & External) surge/water hammer etc. **3. Waste water Engineering** A. Sewerage systems (types and design criteria), Design of sewer networks, hydraulic design, self cleansing velocity, B. Treatment processes (Primary, secondary, tertiary), oxidation ponds, tertiary treatment, sludge treatment & disposal etc. Concept of common effluent treatment plant (CETP), waste water recycling. C. Treated wastewater standards, industrial reuse, non-potable applications **4. Stormwater Drainage & Run-off** A. Rainfall analysis, runoff, rational method, drainage network, hydraulic design of drains, urban flooding. B. Stormwater drainage systems, Wastewater characteristics and analysis. C. Rainwater Harvesting systems. **5. Basics of Environmental Engineering & Management:** A. Air pollution: sources, effects, control measures B. Solid waste management: collection, processing, disposal C. Basic knowledge of Environmental Impact Assessment (EIA) &. Environmental laws and regulations D. Sustainability and resource management E. Water-quality parameters, wastewater characteristics, BOD, COD, DO, solids, nutrients, microbiology etc. **6. Relevant Design Standards & Codes:** A. CPHEEO Manual (Water Supply & Sewerage), BIS (IS codes) related to water and wastewater, B. CPCB / MoEFCC guidelines, Knowledge of latest National Building Code of India (NBC)- 2026; C. CPWD specifications; CPWD Plinth Area Rates (PAR)-2025 & Delhi Schedule of Rate (DSR),manuals and basic knowledge of contracts and tendering standards for Consultancy works viz. PMC, DPR preparation etc. **7. PHE in Buildings & Urban Infrastructure** A. Integrated water supply, sewerage, drainage, NRW, SCADA, GIS in Public Health Engineering etc. B. Service Level Benchmarks of water supply & sewerage in urban infrastructure planning etc. **8. Surveying & Estimation** A. Principles of Surveying & Levelling like different types of surveying methods, Contours & Topography, chain & compass survey, plotting methods, methods of levelling, reduction levels and checks, types of levels, temporary adjustments, contours, theodolite, total station, DGPS survey, Drone Survey, LIDAR survey etc and their use. B. Estimation & Costing including quantity takeoffs from components of water supply, sewerage, stormwater drainage, wastewater treatment systems etc. and preparing bill of quantities as per schedule of rates/market rates. **9. Building Services** A. Plumbing; Water supply and waste water disposal systems; in depth knowledge of Principles, design and coordination of plumbing, water supply systems, drainage, sewerage and sanitary systems; and their integration with ancillary building disciplines. B. Planning & Design of firefighting system design, knowledge of principles of firefighting systems including Fire resistant materials, Fire rating of materials, Fire protection equipment, Fire escape provisions, Mechanical ventilation, as per NBC standards and applicable bye laws. C. Basic load calculations, preparation of Plumbing, drainage, sewerage, Fire Fighting layouts and schematics; coordination with the design viz.

		architectural, structural & allied discipline(s); relevant provisions of NBC 2026 and other applicable standards, codes and manuals. **10. Solid Waste & Refuse disposal** A. General ideas of sewage disposal methods. Recycling of waste. Disposal methods of city refuse etc.Solid Waste Management Rules 2016. B. Population forecasting and Solid Waste Generation Analysis; methods, calculations etc., C. Waste segregation, Garbage Chutes, & Waste storage rooms, Collection arrangements, Municipal collection interface etc. **11. Computer Aided Design & Software Packages** A. Application of computer technology in Public Health Engineering Design; understanding elements of computer graphics and usage of packages such as AutoCAD, Revit MEP, AutoCAD CADMEP, WaterGEM, SewerGEM and other relevant software. B. Knowledge of BIM platforms like Navisworks etc for integrated design, multidisciplinary coordination, automated clash detection with allied building components/systems, and lifecycle management of Public Health Engineering components within and outside building. C. Understanding the creation and management of digital replicas of Public Health Engineering Infra like Water supply, Sewerage/drainage infrastructure etc. Integrating BIM with IoT data to monitor assets,predict maintenance, and enhance operational efficiency. D. Knowledge of SCADA, GIS, smart metering, NRW management, STP automation in Public Health Engineering etc.
3.	Assistant Manager / Architect (Healthcare / Hospital Expert) (RG/22/26)	**1. Building Construction, Materials, Structural Systems and Construction Management** A. Knowledge of Building Construction, Materials & Structural Systems • Building construction techniques, methods, details and construction planning; • Principles of modular coordination; • Construction equipment and methods; • Building components and assemblies. B. Building Materials & Specifications • Building materials including bricks, stone, timber, metals, glass, cement, lime, concrete and modern materials—their characteristics, properties, applications and suitability; • Exterior and interior finishes including paints, varnishes, flooring, ceilings, partitions, roof coverings, walls, fittings and fixtures; • Fenestration including doors, windows, rolling shutters and associated materials; specifications and workmanship. C. Structural Systems • Basic principles of strength of materials; • RCC and steel structural systems; substructure and superstructure elements; • Principles of structural design and load transfer in high-rise and long-span structures; gravity and lateral load-resisting systems • Basic understanding of earthquake-resistant structural systems. D. Construction Management • Project management principles, techniques and terminology like work breakdown structure, project scheduling, bar charts, network analysis, Critical Path Method (CPM), PERT, resource planning, monitoring and etc. **2. Surveying & Estimation** A. Surveying & Levelling Principles and methods of surveying and levelling; chain and compass survey; contours and topography; plotting; reduction of levels and checks; types and temporary adjustments of levels; theodolite and total station; DGPS/GNSS,

		drone and LiDAR surveys; applications in architectural planning and site development. B. Estimation & Quantity Surveying Taking out quantities from foundation to roof for buildings and building components; measurement and preparation of quantities; rate analysis; abstract of cost; bill of quantities (BOQ); preliminary and detailed estimates; specifications and basic cost planning. **3. Building Services** A. MEP Services • Principles, design and coordination of HVAC, electrical, plumbing, water supply, drainage and sanitary systems; ELV and building automation systems; energy-efficient building services • Basic load calculations; interpretation of MEP layouts and schematics; coordination with architectural design; relevant provisions of NBC 206 and applicable BIS standards. B. Acoustics • Principles of good acoustical design for different building types; sound insulation and absorption;reverberation; acoustical defects and their remedies; active and passive noise-control techniques. C. Lighting & Illumination • Principles and design of natural and artificial lighting; lighting requirements and recommended illumination levels for different building types and functions; • Lamps, luminaires and lighting systems; interior, exterior and specialized lighting; daylighting, energy efficient lighting and lighting controls. D. Fire Safety • Firefighting norms and design principles like Fire resistant materials, Fire rating of materials, Fire protection equipment, Fire escape provisions, Mechanical ventilation, as per NBC standards and applicable bye laws. E. Vertical Transportation • Passenger and service lifts, elevators and escalators; principles of operation, planning and space requirements; accessibility and relevant provisions of NBC 2026. F. Sewage & Refuse Disposal • Principles and methods of sewage collection, treatment and disposal; solid-waste management; refuse disposal, recycling and resource recovery; basic building-level waste-management systems. **4. Energy Conservation, Sustainability & Green Buildings** A. Energy-Efficient Design • Climate-responsive design; active and passive building design strategies; thermal comfort; solar architecture; energy-efficient building envelope and services; daylighting and natural ventilation. B. Green Building & Energy Codes • Green building principles and rating systems, including GRIHA; Energy Conservation Building Code (ECBC); building energy performance; key parameters and terminology including U-value, Solar Heat Gain Coefficient (SHGC) and related envelope-performance concepts. **5. Architecture Design** A. Architectural Design Principles • Principles and elements of architectural design; concept development; spatial organization; zoning; pedestrian and vehicular circulation; massing; functional planning; space planning and area programming.

		B. Building Types & Site Planning • Design considerations for residential, commercial, institutional, educational, healthcare, office and public buildings; site planning, orientation, landscape integration, universal accessibility and barrier free design. **6. In Depth Knowledge of National Building Code & Statutory Approvals** A. Codes & Design Evaluation. • Application of NBC 2026, development control regulations, building bye-laws, fire and life-safety provisions and relevant standards in architectural design; preparation, interpretation and evaluation of architectural plans, sections, elevations, diagrams and design proposals. • Knowledge of Development control norms & Bye laws like Floor Area Ratio, Ground Coverage, Permissible heights as per building classification, compoundable/non compoundable area as per NBC 2026. Statutory Clearances including ULB/Municipal Approvals (Sanction plan, occupancy certificate etc.), Environmental clearances, Fire Clearances etc. **7. History of Architecture** A. Indian & World Architecture • Evolution of architecture from ancient to modern periods; major architectural styles throughout history & contemporary time, movements and civilizations; characteristics of Indian (Indus Valley Architecture, Temple Architecture etc.) and world architecture (Oriental & Western Civilizations); principles, materials, construction techniques and significant monuments. B. Building Types & Site Planning • Design considerations for residential, commercial, institutional, educational, healthcare, office and public buildings; site planning, orientation, landscape integration, universal accessibility and barrier free design. C. Modern & Contemporary Architecture • Development of modern architecture; major architects and movements; post-modern and contemporary trends; regionalism, critical regionalism and contemporary Indian architecture; conservation and heritage significance. **8. Climatology & Climate Responsive Architecture** A. Elements of Climate & Architecture Assistant Manager (Architect/Healthcare or Hospital Expert) – Technical Syllabus • Effect of climatic factors on the human body; heat gain and heat loss; microclimate and macroclimate; solar radiation, temperature, humidity, wind and precipitation; sun-path and wind-rose diagrams; effect of climatic factors on building surfaces. B. Climate Responsive Design • Design of shading devices including louvers, fins, chhajjas and screens; courtyards; building orientation; principles of active and passive design strategies; thermal comfort and climate-responsive architecture. C. Climatic Regions • Climate-responsive design in Indian climatic regions including hot-dry, warm-humid/coastal, composite and hilly/cold regions; study of representative Indian examples. **9. Professional Practice** A. Architectural Profession & Ethics • Architects Act, 1972; Council of Architecture rules and norms; professional ethics, code of conduct, professional responsibilities, scope and stages of architectural services; conditions of engagement and professional fees; professional liability and copyright.

		B. Tendering, Contracts & Works Procedures • Tendering and contract procedures; types of contracts; contract administration; variations, claims, extensions of time, payments and dispute resolution; CPWD/established government works procedures and General Conditions of Contract (GCC); project planning and construction management. **10. Contemporary Construction Technology** A. Emerging Building Technologies • Building automation and intelligent buildings; earthquake-resistant construction; alternative building materials including hollow concrete blocks, stabilized earth blocks and fly-ash bricks; sustainable and resource-efficient construction. B. Prefabrication & Modular Construction • Principles and applications of prefabrication, modular construction and industrialized building systems for faster construction, reduced waste and cost-effectiveness; applications in large-scale projects; MIVAN aluminum formwork and steel-based modular construction systems. **11. Computer Aided Design & Software Packages** A. Computer-Aided Design • Application of computer technology in architecture; fundamentals of computer graphics; use and application of CAD, BIM and 3D visualization software such as AutoCAD, Revit Architecture, SketchUp, Lumion, Enscape and other relevant platforms. B. BIM & Digital Project Interface • Building Information Modelling (BIM) for integrated design, multidisciplinary coordination, documentation, automated clash detection, quantity take-off and lifecycle management; digital representation/digital twins of building infrastructure; integration of BIM with IoT and data-driven asset monitoring, predictive maintenance and operational efficiency. **12. Proficiency in Hospital Works** A. Hospital works • Healthcare Guidelines: Knowledge of NBC, BIS metrics for hospitals, and Indian Public Health Standards (IPHS) guidelines etc. • Hospital Zoning: Conceptual layout of different zones including infectious disease isolation, sterile zones (Operation Theatres), public zones (OPD, waiting areas), and administrative sections etc. • Circulation & Flow: Planning independent but interconnected flows for patients, medical staff, visitors, and hospital waste/logistics etc. • Medical Equipment Infrastructure: Architectural requirements and structural considerations for specialized diagnostics (e.g., radiation shielding for X-ray/MRI rooms, CT Scan spaces, and Linear Accelerators) etc. • Life Safety & HVAC: Fire safety norms specifically tailored to healthcare facilities, infection control through HVAC layout, positive/negative pressure rooms, and medical gas pipeline pathways etc.
4.	Assistant Manager (Architect / Building Expert) (RG/23/26)	**1. Building Construction, Materials, Structural Systems and Construction Management** A. Knowledge of Building Construction, Materials & Structural Systems • Building construction techniques, methods, details and construction planning; • Principles of modular coordination; • Construction equipment and methods; • Building components and assemblies. B. Building Materials & Specifications • Building materials including bricks, stone, timber, metals, glass, cement, lime, concrete and modern materials—their characteristics, properties, applications and suitability;

		• Exterior and interior finishes including paints, varnishes, flooring, ceilings, partitions, roof coverings, walls, fittings and fixtures; • Fenestration including doors, windows, rolling shutters and associated materials; specifications and workmanship. C. Structural Systems • Basic principles of strength of materials; • RCC and steel structural systems; substructure and superstructure elements; • Principles of structural design and load transfer in high-rise and long-span structures; gravity and lateral load-resisting systems • Basic understanding of earthquake-resistant structural systems. D. Construction Management • Project management principles, techniques and terminology like work breakdown structure, project scheduling, bar charts, network analysis, Critical Path Method (CPM), PERT, resource planning, monitoring and etc. **2. Surveying & Estimation** A. Surveying & Levelling Principles and methods of surveying and levelling; chain and compass survey; contours and topography; plotting; reduction of levels and checks; types and temporary adjustments of levels; theodolite and total station; DGPS/GNSS, drone and LiDAR surveys; applications in architectural planning and site development. B. Estimation & Quantity Surveying Taking out quantities from foundation to roof for buildings and building components; measurement and preparation of quantities; rate analysis; abstract of cost; bill of quantities (BOQ); preliminary and detailed estimates; specifications and basic cost planning. **3. Building Services** A. MEP Services • Principles, design and coordination of HVAC, electrical, plumbing, water supply, drainage and sanitary systems; ELV and building automation systems; energy-efficient building services • Basic load calculations; interpretation of MEP layouts and schematics; coordination with architectural design; relevant provisions of NBC 206 and applicable BIS standards. B. Acoustics • Principles of good acoustical design for different building types; sound insulation and absorption; reverberation; acoustical defects and their remedies; active and passive noise-control techniques. C. Lighting & Illumination • Principles and design of natural and artificial lighting; lighting requirements and recommended illumination levels for different building types and functions; • Lamps, luminaires and lighting systems; interior, exterior and specialized lighting; daylighting, energy efficient lighting and lighting controls. D. Fire Safety • Firefighting norms and design principles like Fire resistant materials, Fire rating of materials, Fire protection equipment, Fire escape provisions, Mechanical ventilation, as per NBC standards and applicable bye laws. E. Vertical Transportation • Passenger and service lifts, elevators and escalators; principles of operation, planning and space requirements; accessibility and relevant provisions of NBC 2026.

		F. Sewage & Refuse Disposal • Principles and methods of sewage collection, treatment and disposal; solid-waste management; refuse disposal, recycling and resource recovery; basic building-level waste-management systems. **4. Energy Conservation, Sustainability & Green Buildings** A. Energy-Efficient Design • Climate-responsive design; active and passive building design strategies; thermal comfort; solar architecture; energy-efficient building envelope and services; daylighting and natural ventilation. B. Green Building & Energy Codes • Green building principles and rating systems, including GRIHA; Energy Conservation Building Code (ECBC); building energy performance; key parameters and terminology including U-value, Solar Heat Gain Coefficient (SHGC) and related envelope-performance concepts. **5. Architecture Design** A. Architectural Design Principles • Principles and elements of architectural design; concept development; spatial organization; zoning; pedestrian and vehicular circulation; massing; functional planning; space planning and area programming. B. Building Types & Site Planning • Design considerations for residential, commercial, institutional, educational, healthcare, office and public buildings; site planning, orientation, landscape integration, universal accessibility and barrier free design. **6. In Depth Knowledge of National Building Code & Statutory Approvals** A. Codes & Design Evaluation. • Application of NBC 2026, development control regulations, building bye-laws, fire and life-safety provisions and relevant standards in architectural design; preparation, interpretation and evaluation of architectural plans, sections, elevations, diagrams and design proposals. • Knowledge of Development control norms & Bye-laws like Floor Area Ratio, Ground Coverage, Permissible heights as per building classification, compoundable/non compoundable area as per NBC 2026. Statutory Clearances including ULB/Municipal Approvals (Sanction plan, occupancy certificate etc.), Environmental clearances, Fire Clearances etc. **7. History of Architecture** A. Indian & World Architecture • Evolution of architecture from ancient to modern periods; major architectural styles throughout history & contemporary time, movements and civilizations; characteristics of Indian (Indus Valley Architecture, Temple Architecture etc.) and world architecture (Oriental & Western Civilizations); principles, materials, construction techniques and significant monuments. B. Building Types & Site Planning • Design considerations for residential, commercial, institutional, educational, healthcare, office and public buildings; site planning, orientation, landscape integration, universal accessibility and barrier free design. C. Modern & Contemporary Architecture • Development of modern architecture; major architects and movements; post-modern and contemporary trends; regionalism, critical regionalism and contemporary Indian architecture; conservation and heritage significance. **8. Climatology & Climate Responsive Architecture**

		A. Elements of Climate & Architecture Assistant Manager (Architect/Building Expert) – Technical Syllabus • Effect of climatic factors on the human body; heat gain and heat loss; microclimate and macroclimate; solar radiation, temperature, humidity, wind and precipitation; sun-path and wind-rose diagrams; effect of climatic factors on building surfaces. B. Climate Responsive Design • Design of shading devices including louvers, fins, chhajjas and screens; courtyards; building orientation; principles of active and passive design strategies; thermal comfort and climate-responsive architecture. C. Climatic Regions • Climate-responsive design in Indian climatic regions including hot-dry, warm-humid/coastal, composite and hilly/cold regions; study of representative Indian examples. **9. Professional Practice** A. Architectural Profession & Ethics • Architects Act, 1972; Council of Architecture rules and norms; professional ethics, code of conduct, professional responsibilities, scope and stages of architectural services; conditions of engagement and professional fees; professional liability and copyright. B. Tendering, Contracts & Works Procedures • Tendering and contract procedures; types of contracts; contract administration; variations, claims, extensions of time, payments and dispute resolution; CPWD/established government works procedures and General Conditions of Contract (GCC); project planning and construction management. **10. Contemporary Construction Technology** A. Emerging Building Technologies • Building automation and intelligent buildings; earthquake-resistant construction; alternative building materials including hollow concrete blocks, stabilized earth blocks and fly-ash bricks; sustainable and resource-efficient construction. B. Prefabrication & Modular Construction • Principles and applications of prefabrication, modular construction and industrialized building systems for faster construction, reduced waste and cost-effectiveness; applications in large-scale projects; MIVAN aluminum formwork and steel-based modular construction systems. **11. Computer Aided Design & Software Packages** A. Computer-Aided Design • Application of computer technology in architecture; fundamentals of computer graphics; use and application of CAD, BIM and 3D visualization software such as AutoCAD, Revit Architecture, SketchUp, Lumion, Enscape and other relevant platforms. B. BIM & Digital Project Interface • Building Information Modelling (BIM) for integrated design, multidisciplinary coordination, documentation, automated clash detection, quantity take-off and lifecycle management; digital representation/digital twins of building infrastructure; integration of BIM with IoT and data-driven asset monitoring, predictive maintenance and operational efficiency.
5.	Assistant Manager (Architect / Metro Rail Expert) (RG/24/26)	**1. Building Construction, Materials, Structural Systems and Construction Management** A. Knowledge of Building Construction, Materials & Structural Systems • Building construction techniques, methods, details and construction planning;

		• Principles of modular coordination; • Construction equipment and methods; • Building components and assemblies. B. Building Materials & Specifications • Building materials including bricks, stone, timber, metals, glass, cement, lime, concrete and modern materials—their characteristics, properties, applications and suitability; • Exterior and interior finishes including paints, varnishes, flooring, ceilings, partitions, roof coverings, walls, fittings and fixtures; • Fenestration including doors, windows, rolling shutters and associated materials; specifications and workmanship. C. Structural Systems • Basic principles of strength of materials; • RCC and steel structural systems; substructure and superstructure elements; • Principles of structural design and load transfer in high-rise and long-span structures; gravity and lateral load-resisting systems • Basic understanding of earthquake-resistant structural systems. D. Construction Management • Project management principles, techniques and terminology like work breakdown structure, project scheduling, bar charts, network analysis, Critical Path Method (CPM), PERT, resource planning, monitoring and etc. **2. Surveying & Estimation** A. Surveying & Levelling Principles and methods of surveying and levelling; chain and compass survey; contours and topography; plotting; reduction of levels and checks; types and temporary adjustments of levels; theodolite and total station; DGPS/GNSS, drone and LiDAR surveys; applications in architectural planning and site development. B. Estimation & Quantity Surveying Taking out quantities from foundation to roof for buildings and building components; measurement and preparation of quantities; rate analysis; abstract of cost; bill of quantities (BOQ); preliminary and detailed estimates; specifications and basic cost planning. **3. Building Services** A. MEP Services • Principles, design and coordination of HVAC, electrical, plumbing, water supply, drainage and sanitary systems; ELV and building automation systems; energy-efficient building services • Basic load calculations; interpretation of MEP layouts and schematics; coordination with architectural design; relevant provisions of NBC 206 and applicable BIS standards. B. Acoustics • Principles of good acoustical design for different building types; sound insulation and absorption; reverberation; acoustical defects and their remedies; active and passive noise-control techniques. C. Lighting & Illumination • Principles and design of natural and artificial lighting; lighting requirements and recommended illumination levels for different building types and functions; • Lamps, luminaires and lighting systems; interior, exterior and specialized lighting; daylighting, energy efficient lighting and lighting controls. D. Fire Safety

		• Firefighting norms and design principles like Fire resistant materials, Fire rating of materials, Fire protection equipment, Fire escape provisions, Mechanical ventilation, as per NBC standards and applicable bye laws. E. Vertical Transportation • Passenger and service lifts, elevators and escalators; principles of operation, planning and space requirements; accessibility and relevant provisions of NBC 2026. F. Sewage & Refuse Disposal • Principles and methods of sewage collection, treatment and disposal; solid-waste management; refuse disposal, recycling and resource recovery; basic building-level waste-management systems. **4. Energy Conservation, Sustainability & Green Buildings** A. Energy-Efficient Design • Climate-responsive design; active and passive building design strategies; thermal comfort; solar architecture; energy-efficient building envelope and services; daylighting and natural ventilation. B. Green Building & Energy Codes • Green building principles and rating systems, including GRIHA; Energy Conservation Building Code (ECBC); building energy performance; key parameters and terminology including U-value, Solar Heat Gain Coefficient (SHGC) and related envelope-performance concepts. **5. Architecture Design** A. Architectural Design Principles • Principles and elements of architectural design; concept development; spatial organization; zoning; pedestrian and vehicular circulation; massing; functional planning; space planning and area programming. B. Building Types & Site Planning • Design considerations for residential, commercial, institutional, educational, healthcare, office and public buildings; site planning, orientation, landscape integration, universal accessibility and barrier free design. **6. In Depth Knowledge of National Building Code & Statutory Approvals** A. Codes & Design Evaluation. • Application of NBC 2026, development control regulations, building bye-laws, fire and life-safety provisions and relevant standards in architectural design; preparation, interpretation and evaluation of architectural plans, sections, elevations, diagrams and design proposals. • Knowledge of Development control norms & Bye laws like Floor Area Ratio, Ground Coverage, Permissible heights as per building classification, compoundable/non compoundable area as per NBC 2026. Statutory Clearances including ULB/Municipal Approvals (Sanction plan, occupancy certificate etc.), Environmental clearances, Fire Clearances etc. **7. History of Architecture** A. Indian & World Architecture • Evolution of architecture from ancient to modern periods; major architectural styles throughout history & contemporary time, movements and civilizations; characteristics of Indian (Indus Valley Architecture, Temple Architecture etc.) and world architecture (Oriental & Western Civilizations); principles, materials, construction techniques and significant monuments. B. Building Types & Site Planning • Design considerations for residential, commercial, institutional, educational, healthcare, office and public buildings; site planning, orientation, landscape integration, universal accessibility and barrier

		free design. C. Modern & Contemporary Architecture • Development of modern architecture; major architects and movements; post-modern and contemporary trends; regionalism, critical regionalism and contemporary Indian architecture; conservation and heritage significance. **8. Climatology & Climate Responsive Architecture** A. Elements of Climate & Architecture • Effect of climatic factors on the human body; heat gain and heat loss; microclimate and macroclimate; solar radiation, temperature, humidity, wind and precipitation; sun-path and wind-rose diagrams; effect of climatic factors on building surfaces. B. Climate Responsive Design • Design of shading devices including louvers, fins, chhajjas and screens; courtyards; building orientation; principles of active and passive design strategies; thermal comfort and climate-responsive architecture. C. Climatic Regions • Climate-responsive design in Indian climatic regions including hot-dry, warm-humid/coastal, composite and hilly/cold regions; study of representative Indian examples. **9. Professional Practice** A. Architectural Profession & Ethics • Architects Act, 1972; Council of Architecture rules and norms; professional ethics, code of conduct, professional responsibilities, scope and stages of architectural services; conditions of engagement and professional fees; professional liability and copyright. B. Tendering, Contracts & Works Procedures • Tendering and contract procedures; types of contracts; contract administration; variations, claims, extensions of time, payments and dispute resolution; CPWD/established government works procedures and General Conditions of Contract (GCC); project planning and construction management. **10. Contemporary Construction Technology** A. Emerging Building Technologies • Building automation and intelligent buildings; earthquake-resistant construction; alternative building materials including hollow concrete blocks, stabilized earth blocks and fly-ash bricks; sustainable and resource-efficient construction. B. Prefabrication & Modular Construction • Principles and applications of prefabrication, modular construction and industrialized building systems for faster construction, reduced waste and cost-effectiveness; applications in large-scale projects; MIVAN aluminum formwork and steel-based modular construction systems. **11. Computer Aided Design & Software Packages** A. Computer-Aided Design • Application of computer technology in architecture; fundamentals of computer graphics; use and application of CAD, BIM and 3D visualization software such as AutoCAD, Revit Architecture, SketchUp, Lumion, Enscape and other relevant platforms. B. BIM & Digital Project Interface • Building Information Modelling (BIM) for integrated design, multidisciplinary coordination, documentation, automated clash detection, quantity take-off and lifecycle management; digital representation/digital

		twins of building infrastructure; integration of BIM with IoT and data-driven asset monitoring, predictive maintenance and operational efficiency. **12. Proficiency in Metro Works** A. Metro Rail works • Fundamentals of metro rail systems; master planning and network planning concepts; metro station planning and architectural design; station typologies including elevated, underground and at-grade stations. B. Standards, codes & Terminologies related to metro works • Knowledge of Egress calculations, queue lengths, holding capacity, passenger circulation and movement; depots and operational buildings; fire and life safety; integration of architectural, structural and MEP systems; basic understanding of viaducts, tunnels and track-related infrastructure, NBC provisions related to Metro Infrastructure.

How to Apply

1. Before applying, candidates should ensure that they satisfy the necessary conditions and requirements of the position.

2. Interested candidates fulfilling the above laid down eligibility criteria are required to apply onlinein the registration format available in the Career Section of RITES website, http://www.rites.com.

3. While submitting the online application, **the system would generate 'Registration No.'** on top of online form filled up by the candidate. Note down this "Registration No." for further logging in and quote it for all further communication with RITES Ltd.

4. While filling up the required details, candidates are advised to carefully and correctly fill all the details as required. Candidates are also advised to note the same and ensure the availability of all relevant documents as it will be required to be produced in original at later stages of selection (if called).

5. After filling up the required details under the "Fill/ Modify Application Form", candidate must upload all documents under the "Upload Document" section.

The candidates shall ensure to upload all the necessary documents during the submission of Online Application, substantiating their claim with respect to their eligibility. THE DOCUMENTS TO BE UPLOADED BY THE CANDIDATES DURING THE ONLINE APPLICATION IS LISTED AS BELOW:

a. High School certificate for proof of Date of Birth
b. Certificates of Academic & Professional qualifications and statements of marks of all the qualifications for all semesters/years (Xth, XIIth, Diploma/ Graduation/ Post-Graduation as claimed in the application form)
c. Percentage Conversion Document as issued by the University / Institute (wherever applicable)
d. EWS/ SC/ST/OBC Certificate in the prescribed format by Govt. of India (wherever applicable)
e. Proof of Identity & Address (Passport, Voter ID, Driving License, Aadhaar Card etc)
f. PAN Card
g. Proof of each period of experience claimed in the Application Form shall be submitted in a single pdf in chronological order (as applicable), including but not limited to offer letter, joining order, relieving letter, service certificate, relevant pay slips etc. substantiating the claim for period of service mentioned in the Online Application Form.
h. PwBD Certificate as per latest format (if applicable)
i. Any other document in support of your candidature and claims submitted in the Online Application Form.

Note: Candidates need to ensure that scanned copies are clear and visible. The candidature is liable to be CANCELLED in case of failure to upload the necessary documents, during submission of online application, substantiating their eligibility as well as claims made in the application form.

6. After uploading all documents, candidates are required to make online payment under the "Make Payment" section. And post successful payment of application fee, final application form must be downloaded. Candidates are advised to keep a copy of Application Form submitted with them and to carry the same at the time of the selection (if called).

The payment details show the amount to be paid to the bank based on category against which you are submitting application form.

Applications without successful fee payment shall be treated as incomplete and shall be summarily rejected.

7. In respect of claims made by you in your application with regard to experience, copies of experience certificates from your previous employer are to be uploaded and submitted at the time of document verification. In respect of current employment, experience certificate/ joining letter along with last months' salary slips, or, Form 16 and other documents which clearly prove your continuity in the job are to be submitted. In case your claim is not established from the proofs submitted by you; your candidature is liable to be rejected at the time shortlisting/ document scrutiny. Please check your claims vis-a-vis the certificates in support thereof establishing your candidature. Incomplete application or insufficient upload of proof would entail rejection of your candidature. No additional information other than those furnished in the Application shall be allowed to be considered at a later stage.

8. For proof of CTC/ salary, candidates shall have to upload a copy of their last Form No. 16/ Earning Card/ salary slip/ Appraisal letter/ any other suitable document and the same needs to be re-produced on the day of interview.

9. For availing reservation, SC/ST/OBC-NCL candidates should furnish Caste Certificate from competent authorities as per the format given at **Annexure I** (for SC/ST candidates) and at **Annexure II** (for OBC-NCL candidates) **valid as on the crucial date i. e. last date stipulated for submission of application.** Further, in case of OBC-NCL candidates, the certificates should specifically indicate that they do not belong to the Persons/Sections (Creamy Layer) mentioned in Column 3 of the Schedule of the Government of India, Department of Personnel and Training O.M.No.36012/22/93-Estt. (SCT) dated 08.09.93 & its subsequent revision through O.M.No.36033/3/2004-Estt. (Res) dated 09.03.2004, 27.05.2013, 13.09.2017 and further revision, if any, received till the closing date for ONLINE Registration of applications for this Advertisement.

OBC-NCL Category:

The candidates should ensure that they belong to the OBC- Non-Creamy Layer (NCL) category while applying for the posts against this Advertisement. Further, in addition to the community certificate (OBC), a declaration in the prescribed format as per **Annexure III** has to be furnished by the candidates during document verification, that he/she does not belong to the creamy layer on the crucial date i. e. last date stipulated for submission of application in this Advertisement.

The certificate produced shall not be older than one year on the crucial date i. e. last date stipulated for submission of application in this Advertisement. In case of not complying to these stipulations, their claim for reserved status (OBC-NCL) will not be entertained and the candidature / application of such candidates, if fulfilling all the eligibility conditions for General (Unreserved) category, will be considered under General (UR) vacancies only.

EWS Category (Valid for FY 2026-27):

The candidates applying against the vacancies reserved for EWS must possess Income and Asset Certificate **as on the crucial date i. e. last date stipulated for submission of application in this Advertisement. EWS certificate should be as per Gov. of India format.** In case of non-compliance to these stipulations, their claim for reserved status under EWS will not be entertained and the candidature / application of such candidates, if fulfilling all the eligibility conditions for General (UR) category, will be considered under General (UR) vacancies only.

As regards OBC NCL & EWS category candidates, candidates will be afforded opportunity of submission of the valid OBC NCL Certificate and EWS Certificate (as applicable) on the date of their joining, **valid as on the crucial date i. e. the last date stipulated for submission of application in this Advertisement**. Those reserved category candidates who shall not be able to produce valid certificate in support of their claim in the application form for belonging to reserved category even after this additional opportunity; they will be treated as UR Category candidates.

10. Hard copies of documents are not to be sent to this office through post/ courier.

11. A copy of this online **APPLICATION FORM** containing the registration number is to be printed, signed, and retained. The same is to be submitted on the along with **SELF-ATTESTED PHOTOCOPIES** of the following documents strictly in the following order. (if called for document verification on the day of interview):

a. 1 recent passport size colour photographs

b. High School certificate for proof of Date of Birth

c. Certificates of Academic & Professional qualifications and statements of marks of all the qualifications for all semesters/years (Xth, XIIth, Diploma/ Graduation/ Post-Graduation as applicable)

d. EWS/ SC/ST/OBC Certificate in the prescribed format by Govt. of India (if applicable)

e. Proof of Identity & Address (Passport, Voter ID, Driving License, Aadhaar Card etc)

f. PAN Card

g. Proof of different periods of experience as claimed in the Application Form (if applicable)

h. Any other document in support of your candidature

i. PwBD Certificate as per latest format (if applicable).

12. The original testimonials/documents along with one self-attested copy will have to be produced by the candidate(s) at the time of selection (if called). The original copies shall be returned after verification.

13. Mere applying for the post/ submission of documents/ appearing or qualifying in the selection does not confer any right on the candidates for claiming selection. If it is found that a candidate does not fulfill the advertised eligibility criteria, his/her candidature will be summarily rejected.

14. Candidates should submit only one application for one vacancy and application once submitted cannot be altered. A valid e-mail ID is essential for submission of the online application. RITES will not be responsible for bouncing of any e-mail sent to the candidates.

15. The candidates must submit all the details pertaining to his candidature viz. personal details, educational qualification details, experience details, category etc. Suppression, in this regard, if any, detected on a future date shall render the candidature liable for forfeiture.

16. If any claim made by a candidate is found to be incorrect, his/her candidature shall be summarily rejected.

17. RITES' employees applying for the post shall also submit copy of their application form to HR Dept. / Recruitment Section through proper channel.

18. Candidates working in Government organization (Central / State / Autonomous body etc.) / PSUs/ PSBs on regular basis are required to apply through proper channel. Such Candidates who apply directly would have to bring No Objection Certificate (NOC) at the time of Interview (if called) for being eligible for protection of their pay (Basic+DA), transfer of gratuity/leave etc., and joining benefits (as applicable) subject to satisfaction of other terms and conditions in this regard. NOC submitted after Interview date shall not be considered.

19. Candidates have to bring duly filled two copies of Annexure A, and documents mentioned therein in chronological order and submit at the time of Document verification/Selection process.

General Instructions

1. Management reserves the right to cancel/ restrict/ enlarge/ modify/ alter the selection/ recruitment process at any stage, without issuing any further notice or assigning any reason thereafter.

2. The number of vacancies may vary.

3. Departmental candidates of RITES and Candidates working in any organization shall be allowed to join RITES only after being properly relieved from their parent organization.

4. Before applying, the Candidates must satisfy themselves about their eligibility for the post applied for.

5. In case it is detected at any stage of recruitment that a candidate does not fulfill the eligibility norms and/or that he/she has furnished any incorrect/false information or has suppressed any material fact (s), his/her candidature is liable for cancellation. If any of these shortcomings is/are detected even after appointment, his/her services are liable to be terminated.

6. Any corrigendum/addendum to this advertisement will be displayed only on the Company's website www.rites.com. Therefore, applicants are advised to keep checking the Company's website for any update.

7. Offer letter is not considered as proof of experience and candidate has to submit joining & relieving order / experience certificate for claiming the experience.

8. Legal jurisdiction will be Delhi in case of any dispute

9. No fares / TA / DA shall be payable.

10. **Age, experience, and all other eligibility criteria shall be reckoned as on the last date of submission of application (cut-off date).**

11. Date of acquiring the qualification will be earliest of the following:
    (i) Last day of month in which final examination of qualifying degree has been held. In cases where exact date of written examination is stated, the same will treated as date of acquiring the qualification
    (ii) Date of declaration of result
    (iii) Date of issuance of marksheet
    (iv) Date of issuance of degree

There shall be no relaxation on this account.

12. Where a specialization is required in the qualifying degree in the educational qualification, candidate is required to submit a certificate from the University/ Institution clearly specifying the specialization in the qualifying degree.

13. RITES reserve the right to incorporate any subsequent changes/modifications/ additions in the terms and conditions of Recruitment under this Advertisement.

14. Candidates are advised in their own interest that they should not furnish any documents/information that are false, tampered, fabricated or should not suppress any material information while filling up the "Online Application", failing which their candidature shall be liable to be cancelled.

15. At any stage of Recruitment process or later, if a candidate is or has been found guilty of any misconduct such candidate will be liable to legal/criminal prosecution, and Disqualification from the Recruitment Process.

Communication with RITES

Any information regarding this recruitment process would be made available on the e-mail address provided bythe candidate at the time of registration and/or shall be uploaded on RITES website. Candidates are advised to periodically check the Career section of RITES website for further updates.

Candidates are encouraged to go through the detailed advertisement and read the "Frequently Asked Questions (FAQs)" uploaded on RITES website under Career section to solve their queries.

Queries, if any, should be sent to rectt@rites.com only and contain the following particulars:

i. VC No.
ii. REGISTRATION/ROLL NO.
iii. NAME OF CANDIDATE IN FULL AND IN BLOCK LETTERS.
iv. Valid email address as given in the application

Communications not containing above particulars shall NOT BE ATTENDED TO.

Any query/ issue should be brought to notice of RITES duly in advance of the last date affording opportunity to redress genuine and reasonable grievance.

RITES will not be responsible for non-submission of application due to issues brought to notice at the last moment.

Queries related to information already provided in the advertisement shall not be attended to.

Annexure-A

Rites Limited

Documents Submission Checklist

With reference to my application, I am submitting requisite Document(s) along with duly self-attested photocopies of my certificates as under (in chronological order):

S. No.	Documents name	Submitted (Y/N)	Remarks
01	10th/High School certificate for proof of Date of Birth		
02	12th Marksheet		
03	Diploma / Graduation Marksheets- All semesters & certificate		
04	Post Graduation Marksheet All semesters & certificate (as applicable)		
05	PhD Marksheets & Certificate, if any		
06	Other Academic Qualification / Certification, please specify: _____		
07	List of Experience certificates submitted: 1. _____ 2. _____ 3. _____ 4. _____ 5. _____ 6. _____ 7. _____		
08	Last company relieving letter/ experience certificate, NOC (For Govt./PSU Employees)		
09	AADHAR Card		
10	PAN Card		
11	01 recent passport size colour photographs		

I also certify that the above documents are authentic, valid and true to the best of my knowledge. If any of the above document(s) or any information contained therein is found to be false, my candidature/ employment may be summarily rejected/ cancelled.

Signature of candidate	
Name of candidate	
Date of Documents Submission	
Post Name	
VC No against which Documents Submission	

For official use only

I have verified the above documents submitted by the candidate and found **them to be / not to be** (strike out one of these) in order as per company requirement(s)

Any other remarks/ details of lack of documents:	
Signature of officer accepting documents	
Name of officer accepting documents	
Designation of officer accepting documents	
Date	

Annexure I

FORM OF CASTE CERTIFICATE FOR SC/ST

This is to certify that Shri*/ Srimati/ Kumari* ..... son/daughter* of ……..... Village/Town ……..... District/Division*..... of the ..... State/Union Territory* belongs to the ……..... Caste*/Tribe which is recognised as a Scheduled Caste / Scheduled Tribe under:-

*The Constitution Scheduled Castes Order 1950.

*The Constitution Scheduled Tribes Order 1950.

*The Constitution (Scheduled Castes) (Union Territories) (Part C States) Order 1951;

*The Constitution (Scheduled Tribes) (Union Territories) (Part C States) Order 1951;

[As amended by the Scheduled Castes and Scheduled Tribes Lists (Modification Order 1956, the Bombay Re-organisation Act 1960, the Punjab Re- organisation Act 1966, the State of Himachal Pradesh Act 1970, the North Eastern Areas (Re-organisation) Act 1971 and the Scheduled Castes and Scheduled Tribes Orders, (Amendment) Act 1976]

The Constitution (Jammu and Kashmir) Scheduled Castes Orders, 1956

The Constitution (Andaman and Nicobar Islands) Scheduled Tribes Order, 1959 as amended by the Scheduled Castes and Scheduled *Tribes Orders (Amendment) Act, 1976

The Constitution (Dadra and Nagar Haveli) Scheduled Castes Order, 1962.

*The Constitution (Dadra and Nagar Haveli) Scheduled Tribes, Order, 1962

*The Constitution (Pondicherry) Scheduled Castes Orders, 1964

*The Constitution (Uttar Pradesh) Scheduled Tribes Order, 1967

*The Constitution (Goa, Daman and Diu) Scheduled Castes Order, 1968

*The Constitution (Goa, Daman and Diu) Scheduled Tribes Order, 1968

*The Constitution (Nagaland) Scheduled Tribes Order, 1970.

*The Constitution (Sikkim) Scheduled Castes Order, 1978

*The Constitution (Sikkim) Scheduled Tribes Order, 1978

*The Constitution (Jammu & Kashmir) Scheduled Tribes Order, 1989.

*The Constitution (SC) Orders (Amendment) Act, 1990

*The Constitution (ST) Orders (Amendment) Ordinance Act, 1991

*The Constitution (ST) Orders (Amendment) Ordinance Act, 1996

*The Constitution (Scheduled Castes) Orders (Amendment) Act, 2002

*The Constitution (Scheduled Castes) Orders (Second Amendment) Act, 2002.

*The Scheduled Castes and Scheduled Tribes Orders (Amendment) Act, 2002.

2. Applicable in the case of Scheduled Castes/Scheduled Tribes persons who have migrated from one State/Union Territory Administration.

This certificate is issued on the basis of the Scheduled Castes/ Scheduled Tribes Certificate issued to Shri / Srimati *.....father / mother* of Shri / Srimati / Kumari …… of Village / Town* ……..... in District / Division *..... of the State / Union Territory *……..…. who belongs to the…….....Caste*/Tribe which is recognised as a Scheduled Caste / Scheduled Tribe in the Station/ Union Territory* issued by the ..... dated ……

3. Shri / Srimati / Kumari* …… and /or* his/her* family ordinarily resides in Village / Town* ..... District / Division* ……. of the State/ Union Territory* of .....

Place.....

Date.....

Signature.....

Designation.....

(with seal of Office)

State/ Union

Territory.....

* Please delete the words which are not applicable.

@ Please quote the specific presidential order.

% Delete the Paragraph, which is not applicable

Note: (a) The term “ordinarily reside(s)’ used here will have the same meaning as in Section 20 of the Representation of the People Act, 1950.Officers competent to issue Caste/Tribe certificates.

1. District Magistrate / Additional District Magistrate / Collector / Deputy Commissioner / Additional Deputy Commissioner / Deputy Collector / 1st Class Stipendiary Magistrate / Sub-Divisional Magistrate / Taluka Magistrate / Executive Magistrate / Extra Assistant Commissioner. 2. Chief Presidency Magistrate / Additional Chief Presidency Magistrate / Presidency Magistrate. 3. Revenue Officers not below the rank of Tehsildar. 4. Sub-Divisional Officer of the area where the candidate and / or his / her family normally reside(s). 5. Certificates issued by Gazetteed Officers of the Central or of a State Government Countersigned by the District Magistrate concerned. 6. Administrator/ Secretary to Administrator (Laccadive, Minicoy and Admindivi Islands).

Annexure II

OBC CERTIFICATE FORMAT

FORM OF CERTIFICATE TO BE PRODUCED BY OTHER BACKWARD CLASSES APPLYING FOR APPOINTMENT TO POST UNDER THE GOVERNMENT OF INDIA

This is to certify that Shri / Smt. / Kumari..... son / daughter of …… ……. of Village/Town ..... in District/ Division ..... in the State / Union Territory ……. belongs to the ..... community which is recognised as a Backward Class under the Government of India, Ministry of Social Justice and Empowerment's Resolution No. …….. Dated……*.

Shri/Smt./Kum.* ..... and /or his/her family ordinarily reside(s) in the ..... District / Division of the ……..... State / Union Territory. This is also to certify that he/she does not belong to the persons / sections (Creamy layer) mentioned in column 3 (of the Schedule to the Government of India, Department of Personnel & Training OM No. 36012/22/93-Estt(SCT), dated 8.9.1993 and modified vide Government of India, Department of Personnel and Training O.M.No.36033/1/2013-Estt. (Res) dated 27.05.2013 and 13.09.2017**.

Date:

DISTRICT MAGISTRATE /
DY. COMMISSIONER ETC.

(Seal)

*** The authority issuing the certificate may have to mention the details of Resolution of Government of India, in which the caste of the candidate as OBC.**

**** As amended from time to time.**

Note: The term "Ordinarily" used here will have the same meaning as in Section 20 of the Representation of the People Act, 1950.

DECLARATION

Annexure III

Proforma for declaration to be submitted by Other Backward Class Candidates at the time of document verification, who had applied for the post against VC No._____

"I, ……..... son/daughter of Shri ..... resident of Village/Town/City ....., district ..... State ..... hereby declare that I belong to the ..... (indicate your sub caste) community which is recognized as a backward class by the Government of India for the purpose of reservation in services as per orders contained in Department of Personnel and Training Office Memorandum No. 36012/22/93-Estt.(SCT) dated 08.09.1993. It is also declared that I do not belong to persons/sections (Creamy Layer) mentioned in column 3 of the Schedule to the above referred Office Memorandum dated 08.03.1993 and its subsequent revision through O.M.No.36033/1/2013-Estt. (Res) dated 27.05.2013 and 13.09.2017.

Place: Signature of the Candidate

Date: Name of the candidate