

TNEB TANGEDCO Gangman Syllabus

TNEB TANGEDCO Gangman Syllabus - Mathematics

- Relations and Functions
- Logarithms
- Complex Numbers
- Quadratic Equations
- Sequences and Series
- Trigonometry
- Cartesian System of Rectangular Coordinates
- Statistics
- Differentiation
- Introduction to Three Dimensional Geometry
- Straight Lines
- Circles
- Conic Sections
- Permutations and Combinations
- Vectors
- Exponential and Logarithmic Series
- Sets and Set Theory
- Probability Function
- Limits and Continuity
- Applications of Derivatives
- Indefinite Integrals Binomial Theorem
- Matrices
- Determinants
- Definite Integrals

Tamil Nadu Electricity Board and Tamil Nadu Generation and Distribution Corporation Limited Civil Engineering Syllabus

- A flow of Fluids, Hydraulic Machines and Hydro Power
- Fluid Mechanics, Open Channel Flow, Pipe Flow
- Hydraulic Machines and Hydropower
- Hydrology and Water Resources Engineering
- Environmental Engineering
- Water Supply Engineering
- Building Materials
- Structural Analysis
- Design of Steel Structures
- Design of Concrete and Masonry structures
- Construction Practice
- Planning and Management
- Waste Water Engineering
- Solid Mechanics
- Solid Waste Management
- Air, Noise pollution, and Ecology

TNEB TANGEDCO Gangman Syllabus

- Geotechnical Engineering and Foundation Engineering
- Surveying and Geology
- Transportation Engineering
- Highways
- Tunneling
- Railways Systems
- Harbors
- Airports

www.tangedco.gov.in Gangman (Trainee) Mechanical Engineering Syllabus

- Engineering Mechanics
- Engineering Materials
- Mechanisms and Machines
- Fluid Mechanics
- IC Engines, Refrigeration and Air conditioning
- Turbo Machinery
- Thermodynamics and Heat transfer
- Power Plant Engineering
- Renewable Sources of Energy
- Design of Machine Elements
- Manufacturing
- Industrial and Maintenance Engineering
- Mechatronics and Robotics

TNEB TANGEDCO Gangman Syllabus - Electrical Engineering

- Analog and Digital Electronics
- Systems and Signal Processing
- Control Systems
- Electrical Machines
- Electrical and Electronic Measurements
- Engineering Mathematics
- Electric Circuits and Fields
- Computer Fundamentals
- Basic Electronics Engineering
- Electrical Materials
- Power Systems
- Power Electronics and Drives

Tamil Nadu Electricity Board and Tamil Nadu Generation and Distribution Corporation Limited Electronics & Communications Engineering Syllabus

- Analog and Digital Communication Systems
- Control Systems
- Computer Organization and Architecture
- Electro Magnetics

TNEB TANGEDCO Gangman Syllabus

- Advanced Electronics Topics
- Basic Electrical Engineering
- Materials Science
- Advanced Communication Topics
- Basic Electronics Engineering
- Electronic Measurements and Instrumentation
- Network Theory
- Analog and Digital Circuits

www.tangedco.gov.in Gangman (Trainee) Instrumentation Engineering Syllabus

- Digital Electronic Circuits
- Electrical Measurements
- Electronics Instruments
- Analog Electronics
- Analytical, Optical & Bio-Medical Instrumentation
- Instrumentation
- Signals & Systems
- Control Systems
- Electronics Circuits
- Fundamentals
- Microprocessors and Micro Computers

TNEB TANGEDCO Gangman Syllabus - Computer Science & Engineering

- Knowledge of C++
- Operating Systems – DOS
- PHP
- MS SQL Server
- Oracle PL_SQL Architecture
- ASP.NET
- ADO.NET
- Java & JavaScript
- Manageable switch/router & wireless LAN with the network security
- Firewall & anti virus
- UML
- Object-Oriented designing
- Proposing and creating architecture and re-usable libraries in.NET
- JavaScript
- Networking with LAN/WAN
- Novel
- Window OS client & server & Linux OS-client & server.
- Web Services
- Window Services
- JSON
- The query will be an added plus
- Grid Computing, Distributed

TNEB TANGEDCO Gangman Syllabus

- OS
- Image processing, Digital signal processing
- Image processing
- VLSI
- Embedded System