

Transmission Corporation of Andhra Pradesh Limited

APTRANSCO AEE Electrical - Core Academic Syllabus topics

- Non-conventional Energy sources like Wind, Solar, Biomass
- Measurement of Electrical Power
- Present Power Sector scenario in India
- Electrical Power
- Distribution Network Installation & load studies
- Functions of capacitors & reactors
- Measurements
- Analog and Digital Electronics
- Power Electronics and Drives
- Electrical Machines
- Power Systems
- Low Voltage constraint & resolving thereof
- Analysis of Dist Transformers
- Meters & Testing
- Switchgear & protection (MC/LV)
- LT Switchgear design and testing
- Distribution HT/LT Line parameters
- Performance of line fault analysis
- Electric Circuits
- Utilization & Control Systems

Analytical Aptitude - APTRANSCO Assistant Executive Engineer Syllabus

- Data Analysis
- Sequence and Series
- Data Interpretation
- Mensuration – Cylinder, Cone, Sphere
- Profit & Loss
- Simple Interest
- Simplification

Transmission Corporation of Andhra Pradesh Limited

- Work & Time
- Number Systems
- Mixtures & Allegations
- Compound Interest
- Ratio & Proportion, Percentage
- Surds & Indices
- Time & Distance
- Quantitative Aptitude
- Permutation, Combination & Probability
- Sequence & Series
- Date, Time and Arrangement Problems
- Business computations