

# Mechanical & Electrical Engineering Training Courses

Course Name	Code
Process Plant Troubleshooting & Engineering Problem Solving	393
Electrical Installations & Maintenance: Design, Inspection/Testing, Maintenance and Resilience	399
Transport of Solids: Hydraulic & Pneumatic Conveying	30
Fundamentals of Chemical Engineering Process Plant Start up and Commissioning	378
Instrumentation Engineering Practices for Facilities Personnel	404
Electrical wiring and cables in distribution networks	669
Safe Handling, Operation and Maintenance of Electrical Equipment in Hazardous Areas	573
Process Instrumentation: Process Control & Loop Tuning	621
SOLAR ENERGY PROJECTS MANAGEMENT	649
Electrical & Instrumentation Design, Installation & Operation	723
Value Engineering Skills	256
Skills of preparing, drafting and writing technical and engineering reports	668
Advanced Materials for Construction and Repair of Concrete	713
Smart Grid for Non Engineers	775
Electrical Power Systems for Non Engineers	776
Technical Report Writing Skills	831
Fundamentals of Mechanical Technology	18



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Fundamentals of Chemical Engineering	27
Reactive Power Management and Power Factor Correction	570
(ISO 50001 ) Developing and Implementing an Energy Management	240
AC Electrical Motors & Drives Troubleshooting, Maintenance & Protection	359
Pumps, compressor and turbine: Selection, Operation & Maintenance	387
Servo Motor Technology	395
Electrical distribution network, operation and control	406
Well Design and Engineering	407
Electrical Faults: Causes, Analysis, Detection & Remedies	414
Root Cause Failure Analysis	525
Introduction to High Voltage Equipment and Power Systems	567
Protection of Electrical Power Systems	569
Root Cause Analysis and Corrective Actions	571
Electrical Engineering Practices for Facilities Personnel	572
Review of architectural designs and characterization of materials	656
Fundamentals of Renewable Energy	724
Road Construction Materials and Construction Technologies	711
GPRS Technical Overview	581
Introduction to Technical Drawing	827
Calibration Technology	828
Metrology Applications	830
High Voltage Test Techniques	578
System Earthing and Protective Earthing in Utilities and Industrial Electrical Networks	579



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Safety Instrumentation & Emergency Shutdown Systems	575
Advanced Protective Relaying for Electrical Power Systems	580
Safe Isolation of Plant and Equipment	574