

# Mechanical & Electrical Engineering Training Courses

| Course Name  | Code |
|--|------|
| Introduction to High Voltage Equipment and Power Systems                     | 567  |
| Fundamentals of Mechanical Technology  | 18   |
| Fundamentals of Chemical Engineering   | 27   |
| Transport of Solids: Hydraulic & Pneumatic Conveying                         | 30   |
| (ISO 50001 ) Developing and Implementing an Energy Management                | 240  |
| Value Engineering Skills   | 256  |
| Fundamentals of Chemical Engineering Process Plant Start up and Commisioning | 378  |
| Pumps, compressor and turbine: Selection, Operation & Maintenance            | 387  |
| Review of architectural designs and characterization of materials            | 656  |
| Process Plant Troubleshooting & Engineering Problem Solving                  | 393  |
| Instrumentation Engineering Practices for Facilities Personnel               | 404  |
| Well Design and Engineering  | 407  |
| Electrical wiring and cables in distribution networks                        | 669  |
| Advanced Protective Relaying for Electrical Power Systems                    | 580  |
| Root Cause Failure Analysis  | 525  |
| Protection of Electrical Power Systems                                       | 569  |
| Reactive Power Management and Power Factor Correction                        | 570  |
| Root Cause Analysis and Corrective Actions                                   | 571  |
| Electrical Engineering Practices for Facilities Personnel                    | 572  |



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| 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 |
| AC Electrical Motors & Drives Troubleshooting, Maintenance & Protection                        | 359 |
| Electrical Installations & Maintenance: Design, Inspection/Testing, Maintenance and Resilience | 399 |
| Skills of preparing, drafting and writing technical and engineering reports                    | 668 |
| Advanced Materials for Construction and Repair of Concrete                                     | 713 |
| Calibration Technology   | 828 |
| Technical Report Writing Skills  | 831 |
| Electrical Faults: Causes, Analysis, Detection & Remedies                                      | 414 |
| Servo Motor Technology   | 395 |
| Road Construction Materials and Construction Technologies                                      | 711 |
| Smart Grid for Non Engineers   | 775 |
| Electrical Power Systems for Non Engineers   | 776 |
| Metrology Applications   | 830 |
| Electrical distribution network, operation and control   | 406 |
| Fundamentals of Renewable Energy   | 724 |
| Introduction to Technical Drawing  | 827 |
| System Earthing and Protective Earthing in Utilities and Industrial Electrical Networks        | 579 |
| Safe Isolation of Plant and Equipment  | 574 |
| High Voltage Test Techniques   | 578 |



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| GPRS Technical Overview                             | 581 |
| Safety Instrumentation & Emergency Shutdown Systems | 575 |