

# Mechanical & Electrical Engineering Training Courses

| Course Name  | Code |
|--|------|
| Fundamentals of Mechanical Technology  | 18   |
| (ISO 50001 ) Developing and Implementing an Energy Management                                  | 240  |
| Servo Motor Technology   | 395  |
| Fundamentals of Chemical Engineering Process Plant Start up and Commissioning                  | 378  |
| Transport of Solids: Hydraulic & Pneumatic Conveying   | 30   |
| Process Instrumentation: Process Control & Loop Tuning   | 621  |
| SOLAR ENERGY PROJECTS MANAGEMENT   | 649  |
| Safe Handling, Operation and Maintenance of Electrical Equipment in Hazardous Areas            | 573  |
| AC Electrical Motors & Drives Troubleshooting, Maintenance & Protection                        | 359  |
| Electrical Installations & Maintenance: Design, Inspection/Testing, Maintenance and Resilience | 399  |
| Electrical Faults: Causes, Analysis, Detection & Remedies                                      | 414  |
| Skills of preparing, drafting and writing technical and engineering reports                    | 668  |
| Introduction to High Voltage Equipment and Power Systems                                       | 567  |
| Process Plant Troubleshooting & Engineering Problem Solving                                    | 393  |
| Review of architectural designs and characterization of materials                              | 656  |
| Fundamentals of Renewable Energy   | 724  |
| Road Construction Materials and Construction Technologies                                      | 711  |



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| Smart Grid for Non Engineers                                      | 775 |
| Electrical Power Systems for Non Engineers                        | 776 |
| Introduction to Technical Drawing                                 | 827 |
| Metrology Applications  | 830 |
| GPRS Technical Overview   | 581 |
| Fundamentals of Chemical Engineering                              | 27  |
| Advanced Materials for Construction and Repair of Concrete        | 713 |
| Value Engineering Skills  | 256 |
| Pumps, compressor and turbine: Selection, Operation & Maintenance | 387 |
| Instrumentation Engineering Practices for Facilities Personnel    | 404 |
| Electrical distribution network, operation and control            | 406 |
| Well Design and Engineering                                       | 407 |
| Electrical wiring and cables in distribution networks             | 669 |
| 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 |
| Electrical & Instrumentation Design, Installation & Operation     | 723 |
| Calibration Technology  | 828 |
| Technical Report Writing Skills                                   | 831 |
| Advanced Protective Relaying for Electrical Power Systems         | 580 |
| High Voltage Test Techniques                                      | 578 |
| Safe Isolation of Plant and Equipment                             | 574 |



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| Safety Instrumentation & Emergency Shutdown Systems                                     | 575 |
| System Earthing and Protective Earthing in Utilities and Industrial Electrical Networks | 579 |