

| CATEGORY | PROGRAM CODE | PROGRAM NAME | DURATION |
|-----------|--------------|--|----------|
| MIDSTREAM | MDS 001 | LNG Plants Process Technology | 5 |
| | MDS 002 | Refinery Plants Process Technology | 5 |
| | MDS 003 | Petrochemical Plants Process Technology | 5 |
| | MDS 004 | NGL and LPG Plants Process Technology | 5 |
| | MDS 005 | Fertilizers (Ammonia & Urea) Plants Process Technology | 5 |
| | MDS 006 | Troubleshooting Refineries and Petrochemical Plants | 5 |
| | MDS 007 | Process Troubleshooting & Problem Solving and Effective Decision Making | 5 |
| | MDS 008 | Gas Conditioning Technology | 5 |
| | MDS 009 | Gas Sweetening and Sulphur Recovery | 5 |
| | MDS 010 | Gas Field Operations: Gas Processing, Hydrates, Dehydration, Sweetening, NGL Recovery, Fractionation, Sulphur Recovery and Handling | 5 |
| | MDS 011 | Distillation Columns: Design, Operation, Control and Troubleshooting | 5 |
| | MDS 012 | LNG: Storage, Loading, Unloading, Marine Operations, Measurement & Calculations | 5 |
| | MDS 013 | Crude Oil Storage, Marine Terminals Operations, and Oil Movement Management | 5 |
| | MDS 014 | PVC (Poly Vinyl Chloride) Operations and Process Troubleshooting | 5 |
| | MDS 015 | PE (Polyethylene) Operations and Process Troubleshooting | 5 |
| | MDS 016 | PP (Poly Propylene) Operations and Process Troubleshooting | 5 |
| | MDS 017 | Water Treatment for Plant Utilities | 5 |
| | MDS 018 | Water Desalination Plant: Operations, Maintenance and Troubleshooting | 5 |
| | MDS 019 | Water Desalination Technologies | 5 |
| | MDS 020 | Wastewater Treatment in Gas, Refineries and Petrochemical Plants | 5 |
| | MDS 021 | Operations Troubleshooting for Process Engineers | 5 |
| | MDS 022 | Process Troubleshooting for Operators and Technicians | 5 |
| | MDS 023 | Rules of Thumb for Chemical and Process Engineers | 5 |
| | MDS 024 | Process Plants Shutdown and Turnarounds | 5 |
| | MDS 025 | Process Equipment: Fired Heaters, Air Coolers, Heat Exchangers, Piping, Pumps, Compressors, Process Vessels, Fractionators Columns, Reactors and Loading Facilities: Selection, Sizing, Applications, Design, Operation, Troubleshooting & Maintenance | 5 |
| | MDS 026 | Process Modelling (Dynamic State) Using Modern Simulation Package i.e. (HYSYS) | 5 |

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| | MDS 027 | Process Reactor: Operation, Troubleshooting, Start-Up, and Shutdown | 5 |
| | MDS 028 | Process Furnace: Operation, Troubleshooting, Start-Up, and Shutdown | 5 |
| | MDS 029 | Process Engineering Design Fundamentals | 5 |
| | MDS 030 | Process Plant Performance and Efficiency | 5 |
| | MDS 031 | Multi-Stage Flash Desalination (MSF): Operation, Maintenance, Heat Balance, Performance, Optimization, Start-Up and Troubleshooting | 5 |
| | MDS 032 | Process Plant Start-up, Commissioning and Troubleshooting | 5 |
| | MDS 033 | Oil and Gas Processing for Non-Technical | 5 |
| | MDS 034 | Liquid Hydrocarbon Blending | 5 |
| | MDS 035 | Power Plant Operation & Troubleshooting | 5 |
| | MDS 036 | Polymers Additives Selection, Application & Troubleshooting | 5 |
| | MDS 037 | Separation Process Technology in Process Plants. | 5 |
| | MDS 038 | Gas Dryer (Molecular Sieve): Installation, Start-Up, Operation, Performance Optimization, Troubleshooting and Replacement. | 5 |
| | MDS 039 | Surface Production Operations Facilities in the Oil & Gas Industry | 5 |
| | MDS 040 | Process Plant Performance Analysis, Optimization and Continuous Improvement | 5 |
| | MDS 041 | Utilities Plant Start-Up, Operation and Troubleshooting | 5 |
| | MDS 042 | Best Practices in Multishift Operations Effective Handover for Supervisors | 5 |
| | MDS 043 | Ethylene Cracker Startup, Operation, Inspection, Maintenance and Troubleshooting | 5 |
| | MDS 044 | Best Practices in Multishift Operations Effective Handover for Operators | 5 |
| | MDS 045 | FLNG Start-Up, Operation, Troubleshooting | 5 |
| | MDS 046 | Oil, Gas and Chemicals Marine Terminals Operations | 5 |
| | MDS 047 | Production Planning and Scheduling in Process Plant | 5 |
| | MDS 048 | Onshore Gas Reception Facilities Start-Up, Operation and Process Troubleshooting | 5 |
| | MDS 049 | LNG Mechanical Refrigeration Systems Start-Up, Operation, Troubleshooting | 5 |
| | MDS 050 | GTL Start-Up, Operation and Process Troubleshooting | 5 |