

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

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