

Num	Course Title	Duration	field	Capacity
1	Theory, processing and interpretation of DSI using Geolog software and its applications in formation evaluation	5 days	Up	8-12
2	Intelligent Field Technology	4 days	Up	8-12
3	Electrofacies analysis and log prediction Using Facimage module of Geolog	3days	Up	8-12
4	Processing and interpretation of imager logs (FMI, FMS, ...) using Geolog software	5 days	Up	8-12
5	Rock Property Modeling Using SCAL software	2days	Up	8-12
6	Numerical Geomechanical Modeling by FLAC 3D	3 days	UP	8-12
7	Production Mechanisms of Fractured Reservoirs	2 days	up	8-12
8	Fluid Property (PVT) Modeling Employing PVT Sim	2 days	up	8-12
9	Advanced (Applied) Enhanced Oil Recovery	3 days	up	8-12
10	Integrated Reservoir Management	5 Days	up	8-12
11	Artificial Lift-Gas lift Design	5 Days	up	8-12
12	Integrated Asset Modeling Through RESOLVE-GAP-MBAL-ECLIPSE-PROSPER	5 Days	up	8-12
13	Production engineering	5 Days	up	8-12
14	Oil well Cement Slurry Design, Theory and Lab practice	5 days	up	8-12
15	Hazard and Operability Study (HAZOP) using PHA pro Software	4 days	HSE	8-15
16	Process Safety in Oil, Gas and Petrochemical Industries	3 days	HSE	8-15
17	Storage Tanks Safety	3 days	HSE	8-15
18	Process Safety Management system	3 days	HSE	8-12
19	Inert Gas Blanketing in Reactors and Storage tanks	2 days	HSE	8-12
20	Hazard Area Classification	1 day	HSE	8-15
21	Patent Information Search	2 days	R & A	8-15
22	Industrial Wastewater Treatment	5 days	E	8-12
23	Industrial Water Treatment in Petroleum and Chemical Industries	5 days	E	8-12
24	Refinery Wastewater Treatment Systems Work shop	1day	E	8-12

25	An introduction to principal of activated sludge systems, operation, problems and troubleshooting	3 days	E	8-12
26	Principle of preservation of isolated microorganisms from oil and gas fields	3 days	E	8-12
27	Design, Rating & Performance Evaluation of Heat Exchangers in Industrial Plants	5 days	E	8-12
28	Performance Test Assessment of Electro- & Turbo-Driven Compressors Based on ASME-PTC Standards	5 days	E	8-12
29	Principles of Industrial Energy Audit in Refineries and Petrochemical Plants	4 days	E	8-12
30	Carbon Capture Utilization and Storage(CCUS)	2 days	E	10
31	Carbon Market	2 days	E	8-12
32	International Financial Incentives and Mechanisms	4 days	E	10
33	Emission Inventory and Accounting: Methods and Standards	3days	E	10
34	Introduction to Centrifugal, Reciprocating and Rotary Pumps Design, Application and Operation	5 Days	down	10
35	Introduction to Compressors & Compressed Air Systems	5 days	down	10
36	Pressure Vessels Design by PV-Elite	4 days	down	10
37	Heat Exchanger Design and Operations	5 days	down	10
38	API 650 Welded Tanks for Oil Storage for Engineers, Technologists and Experienced Inspectors	5 days	down	8-12
39	Chemical additives in oil well acidizing : chemical structures , mechanism of function and some industrial notes	4 days	down	8-12
40	Principles of surface active agents and their applications in petroleum industry	4 days	down	8-12
41	Artificial Lift, an introductory approach to its Performance, Down-hole Pump Design using Pipe sim and Prosper Software	5 days	down	8-12
42	CFD modeling and simulation of chemical equipments using FLUENT: For Beginners	4 days	down	15
43	Reverse Osmosis System	4 days	down	15

44	Principles of surface active agents and their applications in petroleum industry	3 days	down	15
45	Gas hydrates: Potential applications in industry	4 days	down	8-12
46	CFD modeling and simulation of chemical equipments using FLUENT: Middle Level	4 days	down	15
47	Gas Separation by Polymeric Membranes	3 days	down	8-12
48	CFD modeling and simulation of chemical equipments using FLUENT: Advanced Level	4 days	down	15
49	Applied After Action Review (Introduction & basics & workshop)	2 days	down	8-12
50	Experimental Design Fundamentals	5 days	down	10-20
51	Determination of Catalytic Reactions kinetics	5 days	down	12-20
52	Nanotechnology in oil And gas industry	3 days	down	10-15
53	Performance Test Assessment of Industrial Boilers Based on ASME-PTC Standard	3 days	down	10-15
54	Principle of Gas Chromatography	3 days	down	10-15
55	Advanced Gas Chromatography	3 days	down	10-15
56	GC troubleshooting	3 days	down	10-15
57	GC Analyzers	3 days	down	10-15