



No.	Course Title	Venue	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	Pitching Skills: How to score a Deal in Presentations Among Technical Employees	Online	27											
2	Structural Health Monitoring Systems to support Offshore Asset Integrity (Online Monitoring - OLM Philosophy)	Online	13-14											
3	Understanding of Islamic Product for Microfinance	Online	5-7											
4	Integrated Carbonate Study Modelling & Data Analysis (Intermediate)	Online	4-8											
5	Use of Ichnology in Exploration	Online	12-14 PM											
6	Industrial Applications of Internet of Things	Online	19-21 AM											
7	Matrix Computation for Data Science	Online	19-21 PM											
8	Landslides & Engineered Slopes	Online	18-20 PM											
9	Advanced Pavement Analysis and Design	Online	26 -27											
10	Process Safety Management for Safety Practitioners	Online	11-14											
11	How to publish a high impact journal	Online	19-20											
12	Fundamentals of Microfluidics Technology and Microfluidics CFD Virtual Lab with Altair HyperWorks	Online	6-8											
13	What do you need to know: Process Safety & Process Safety Management	Online												
14	Seismic Data Analysis using MATLAB	Online		15-18										
15	Developing Successful Business Ideas for Future Entrepreneurs	Online		2-3										
16	All you need to know about Deep Neural Networks for Decision Makers and Technical Support	Online		3-5										
17	Data Science Stack: Introduction to Numpy, Matplotlib and Pandas	Online		2-5										
18	Blockchain Fundamentals & Business Opportunities	Online		3-5									15-16	
19	Digital Geoscience (Beginner)	Online/ CAPE		15-26										
20	Introduction to Optimization Modeling	Online		17-19										

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21	Metal Additive Manufacturing (AM) Technology, Applications, Alternatives & Future Trends	Online/UTP		9-10										
22	Big Data Analytics for Business & Beyond (Beginner)	Online		23-25				22-24			21-23		23-25	
23	Strategic Business Communication	Online		17-18 AM										
24	Rapid Measurement & Control Prototyping with NI MyRIO	Online		17-18 PM										
25	Public Policy Development : Understanding and Contributing to Policy-Making from a Business Perspective	Online		16-17 AM										
26	Environmental Impact Assessment for Construction Project	Online		22-24 AM										
27	Alternative Cementing for Oil Well Plugging and Abandonment	Online		22-24 PM										
28	Corrosion Measurement Techniques for Engineers	Online		23-25										
29	Structural Dynamics in Analysis of Offshore Structures-2 Days	Online		24-25										
30	Quantitative Risk Assessment (QRA)	Online		16-18										
31	Passive Mechanical Separation in Two-Phase Gas-Liquid Flow Using T-junction: Guideline for Design	Online		10-11										
32	Multipurpose Gas Hydrate and Corrosion inhibitor: A prevention and control methods	Online		20-24										
33	Cybercrime in Business Environment	Online												
34	Developing A Winning Business Plan	Online			21									
35	2nd and 3rd Generation Ionic Liquids: Synthesis, characterization and their application in oil industry	Online			2-4									
36	Python for Beginners	Online/CAPE			16-18 AM									
37	Data Science for lithology and pore fluid analysis in Rock Physics using Python (Intermediate)	CAPE			15-17									
38	Publications in IF Journals/Book chapters index in Scopus and ISI Book Citation Index/ November 2020/PG students	Online			23									
39	Tall Building Design and Construction: Challenges, Issues and solution	Online			9-10									
40	Energy Management	Online			15-17									
41	Finance For Non-finance: Practical Financial Tools For All Business Executives And Managers	Online			16-18 PM									
42	Qualifying Oilfield Corrosion Inhibitors: Theory and Practice	Online			22-24 PM									
43	Practical RF/Microwave For Wireless Communication	Online			22-24									
44	Metocean Criteria and Considerations in Offshore Design - 2 Days	Online			10-11									

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45	Big Data Predictive Analytic using Python Language	Online			23-25				27-29			20-22		7-9
46	Linear Finite Element Analysis using Altair Hypermesh & Optistruct (Theory and Application)	Online			16-18									
47	Wind Engineering Design	Online			17-18									
48	Design and Synthesis Ionic liquids for Advanced Applications	UTP			1-3									
49	Corrosion Measurement Techniques	Online			29-31									
50	Technical Publications for Working Engineers and Consultants	Online			24									
51	Integrity Assessment of Civil and Structural Assets subjected to Process Safety incident in Petrochemical Plant	Online			21-22									
52	NDT for Pipeline Monitoring and Inspection Using	Online/ CAPE											15-16	
53	Value Co-Creation using Blockchain Technology	Online/ CAPE			29-31								29-30	
54	Paradigm Shift & Emotional Intelligence: Developing Sustainable Personal and Organizational Chang	Online/ CAPE				1						4-5		
55	NMR Spectroscopy	Online				5-6 AM								
56	Neurofeedback Training	UTP				7-8 AM								
57	Practical Machine Vision Systems	Online				5-6 PM								
58	Process Design Masterclass	Online/ CAPE				1-2								
59	Offshore Decommissioning of Facilities: A Global and Engineering Perspective	Online												
60	Evaluating Economic Feasibility of Engineering Projects	Online				19-23								
61	Machine Learning	CAPE/ UTP				7-9 AM								
62	Data Analytics for Engineers	Online				19-22								
63	Electromagnetic modeling and seabed logging simulation using finite element method (FEM)	UTP				20-22								
64	Seismic reservoir analysis using attributes and rock physics	Online/ CAPE				26-29								
65	Cloud Computing	Online/ CAPE				26-28						27-28		
66	Introduction to Seismic Data Processing & Imaging	Online				5-7 PM								
67	HOW TO USE PREDITACK, ADS, AFM PREDITACK: IoT Device Autonomous Drilling System (ADS)	Online/ CAPE				26-28								
68	Creating & Using Robots/Digital Twin/ Digital Content	Online/ CAPE				14-16								

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69	How to Use the Mobile app Mobile App: e-Waste, Environment & Disaster Management	Online/ CAPE				20-22								
70	Seismic Assessment & Retrofitting for RC Structures	Online				14-15								
71	Reinforced Concrete Beams Design to Eurocode2	CAPE				15-16								
72	Physical model testing for floating offshore platforms: concepts and practice (Wave tank application)	UTP				19-22								
73	Business Analytics using Power BI	Online/ CAPE				6-8						26-28		
74	Structural Integrity - Offshore	Online				7-8								
75	R - Statistical Computing with Latex Reporting	Online				22-23								
76	Data Science for lithology and pore fluid analysis in Rock Physics using Python	Online/ CAPE					3-7							
77	Human Factors and Ergonomics in Process Safety	Online					3-5							
78	Material Selection for Engineers	Online					3-5							
79	Effective Management for Small & Medium Business	Online					5-6							
80	Electrochemical techniques for energy and environment applications	Online					5-7							
81	Introduction to Machine Learning (Hands-on)	Online					24-25							
82	Overview of Field Development Plan (Green Oil Field - Shallow Water)	Online					12							
83	Life Data Analysis for Non-Repairable Systems	Online/ CAPE					19-20							
84	Fibre Optic Sensors in Structural Health Monitoring	Online/ CAPE					19-21							
85	Biofuel Production Technologies Today and Future as A Green Energy	Online					24-25							
86	MSMA: Design and Implementation I	CAPE					27-28							
87	Steady-state process simulation for typical processing equipment	Online					8,15,22							
88	Cultivation of microalgae and Larvae for biofuel production	Online/ CAPE												
89	Optimization Techniques	Online/ CAPE							1-3					
90	Process Hazard Analysis for Process Industries	CAPE							8-10					
91	Data Science in O&G conventional resources	Online/ UTP							16-25					
92	Production Technology from Fundamentals to Advanced	Online							3-11					

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93	Protecting Organizations' IT System from Cyber Security Threat	Online/ CAPE						15-17					17-18	
94	IT Project Management Course: An Introduction	Online						15-16						15-16
95	Routine Data Processing for Earthquake Seismology	Online						21-25						
96	Corrosion Control and Monitoring	CAPE						16						
97	Handling Risk In Project Evaluation: A Practical Approach	Online						14-15						
98	Winning through Quality	Online/ CAPE						2-3						
99	Industrial Solar Systems & Applications: A practical approach	Online						4						
100	Introduction to COSMO-RS Model - Theory and Practices	Online						14-15						
101	Introduction to Geospatial Applications	Online/ CAPE						17-18						
102	Training on Maching Utilization	Online/ CAPE						22-23						
103	Application of Digital techniques and Optimization	Online						28-29						
104	Asset Life Cycle Cost	Online/ CAPE						21-22						
105	Pipeline Designs	Online						21-22						
106	Exploiting IT System Vulnerabilities	Online/ CAPE						28-30					22-23	
107	Computational Fluid Dynamics using Altair AcuSolve (Theory and Application)	Online						20-22						
108	Offshore Decommissioning of Facilities: An In Depth Understanding of Decommissioning Option Assessment (DOA)	Online						22-23						
109	Chromatography techniques: Theory and Practice	UTP						29-30						
110	Internet of Things Architecture and Simulation	Online						1-3						
111	Strategic Planning & Leadership Styles	Online							24-26					
112	3-Day Mini MBA: Strategy, Marketing and Financial Risk Management	Online							24-26					
113	Response surface methodology: Design of experiment and response analysis	UTP							27					
114	Underwater Imaging for Corrosion Inspection	Online							1-2					
115	Machine Vision Algorithms	Online							5-6					
116	Activity space, Transport and Health	Online/ CAPE							5-6					

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117	Performing Multilevel Modelling and Multilevel SEM for Transport Studies	Online/ CAPE							7-8					
118	Vehicle Drivetrain Performance Analysis: Using Ms Excel & Matlab Simulink	Online/ UTP							12-13					
119	Weibull Analysis in API 581 Risk-Based Inspection	Online/ CAPE							12-14					
120	Recurrent Data Analysis for Repairable Systems	Online/ CAPE							27-29					
121	Designing Catalysts for Biofuels and Biochemicals Production	Online							8-9					
122	Waste-to-wealth treatment of industrial waste for circular economy	Online							13-14					
123	Introduction to Risk-Based Project Investment Decision Rules	Online							13-14					
124	Membrane for Gases Separation and Numerical Modeling of Membrane Modules	Online							26-27					
125	Quantitative Risk Assessment for CIMAH Compliance	Online/ CAPE							27-29					
126	Wireless Sensor Network	Online/ CAPE							29-30					
127	Awareness on groundwater	Online/ CAPE							15					
128	2D & 3D Seismic Fault Interpretation	Online							12-13					
129	Development and Implementation of Internet of Things-based Projects using Mbed OS	CAPE								2-5				
130	Report Writing: From Pen to Paper	Online								5				
131	Summer School: Machine and Deep Learning for Biomedical Applications	CAPE								23-27				
132	Developing WebGIS applications	Online/ CAPE								4				
133	Overview of mercury management in oil and gas industries	Online								11-12				
134	An Introduction to Nanoscale Materials: Synthesis, Characterization and Applications: The All-in-One Toolbox for Nanomaterials	Online/ CAPE								11-12				
135	Thermal Energy Storage System Analysis	Online								4-5				
136	Electrochemical Impedance Spectroscopy : Advanced Techniques	CAPE/ UTP								12-13				
137	Applying Forecasting Methods in Project Evaluation	CAPE								16-17				
138	Fitness-for-service Assessment	UTP								16-17				
139	Getting the best from Data Behaviour (Sentiment Analysis, Security, Harmonization)	Online/ CAPE								18-19				
140	Demand and Capacity Management	Online/ CAPE								17-19				

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141	Maintenance Planning and Scheduling	Online/ CAPE								24-26				
142	Ethics & Corporate Governance	Online								4-6				
143	Public Policy, Governance & Administration	Online								26-27				
144	Advances in the Design and Materials Characterization for Asphalt Pavements	Online/ CAPE								26-27				
145	RF Microwave design for 2-port, 3-port and 4-port networks.	Online/ CAPE								17-18				
146	Application of Crystallization in Biofuel and Biomass	Online								26				
147	Nonlinear Dynamic Finite Element Analysis using Altair RADIOSS (Theory and Application) - Q2021	Online								24-26				
148	Offshore Fixed Structures Decommissioning - BPEO Workshop Series	Online								17-19				
149	Fundamental on Contract law for non-legal practitioners	Online/ CAPE												
150	Prospects of thermoelectric air-conditioning system in Malaysia	Online/ CAPE								10				
151	Introduction to Reverse Engineering Using 3D Laser Scanner and 3D Printing technology	UTP									2-3			
152	Operation and Maintenance of Wastewater Treatment Plants	CAPE									21			
153	Biomass conversion to carbon material for wastewater treatment	Online									1-2			
154	Time Series Analysis and Forecasting using Python	CAPE									6-7			
155	Electromagnetic Modeling using COMSOL MULTIPHYSICS Software based on Finite Element Method (FEM)	UTP									6-7			
156	Programmable logic controllers Basic programming	Online/ CAPE									8-9			
157	Fleet Maintenance	Online/ CAPE									7-9			
158	Spare Part Planning and Control	Online/ CAPE									13-15			
159	Multi-criteria decision-making approach for Policy Development	CAPE									8-9			
160	Coastal Engineering for Civil Engineers	Online									14-15			
161	Application of Artificial Neural Network Modelling	Online									20-21			
162	Pumps in industrial applications	Online/ CAPE									20-21			
163	Nano Technology in Oil and Gas: Principles & Applications	Online/ CAPE									14-15			
164	Basic Process Modelling and PID Tuning	Online/ CAPE									22-23			

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165	Pressure Transient Analysis from Fundamentals to Advanced	Online/ CAPE									22-23			
166	Transforming to Smart Supply Chain Management	Online/ CAPE									23-24			
167	Basic Wastewater Parameters: Analysis and Interpretation for Biological Wastewater Treatment	Online									21			
168	Glycerol to Value-added Products	Online									1			
169	Soil Behaviour Interpretation from Triaxial Test	Online/ UTP										13-14		
170	Practical Machine Learning (Scikit-Learn) for O&G	Online/ CAPE										6-7		
171	Augmented Reality	Online/ CAPE										6-7		
172	Thermal Spray / Plasma Coating Specifications and Standards	Online/ CAPE										5-6		
173	Offshore Decommissioning Standards and Requirements: Waste Management and Environmental Monitoring	Online/ CAPE										11-13		
174	Image processing and Computer Vision with industrial applications	Online										11-12		
175	Robotics Rehabilitation & Control Systems	Online/ CAPE										13-14		
176	Fundamentals of pressure-transient analysis and application of material balance as diagnostic and optimization tool	CAPE										13-15		
177	Fire and explosion safety, protection and risk for petroleum and process plants	CAPE										18-20		
178	3D parts design, modeling & Analysis using open source software: FreeCAD	Online/ UTP										21-22		
179	Reliability, Availability and Maintainability (RAM) for Plant Performance	Online/ CAPE										26-28		
180	CFD simulation to evaluate heat exchanger performance	UTP										25-26		
181	Well Control During Drilling Operations	CAPE										27-29		
182	Produced Water Treatment & Management	Online										20-22		
183	Advanced Process Simulation for typical processing equipment	Online										2,9,16		
184	Basic Well Completion	Online										25-29		
185	Core Displacement Study: Experimental & Analysis for Reservoir Study	Online/ CAPE/ UTP										27-29		
186	Programmable logic controllers Intermediate programming	Online/ CAPE											1-2	
187	Structural Equation Modelling using AMOS	Online											1	
188	Value Co-Creation Training	Online											5	

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189	Enhancing English Communication Skills: Speaking and Writing	CAPE											1-3	
190	Gas Conditioning Process with Advanced Simulations	CAPE											8-11	
191	Protective coating for corrosion protection	CAPE/ UTP											8-9	
192	Fundamentals of petrophysics and formation evaluation	Online											10-12	
193	Petroleum Economics & Reserves Management	Online											9-10	
194	Deep learning application for automated quantitative interpretation	Online/ CAPE											17-18	
195	Reliability Assessment of Pipelines	Online											22-23	
196	Pressure Vessel Design, Inspection and Testing	CAPE											29-30	
197	Practical Deep Neural Networks AI : Best Practices for Gradient Learning	Online											21	
198	Machine and Deep Learning Applications in Oil & Gas	Online/ CAPE											1-4	
199	Basics of Numerical Reservoir Simulation	Online												6-10
200	10th Biomass to Biofuels and Biochemicals Short Course	Online/ CAPE											8-9	
201	GAMBIA oil and gas industry employees (17 courses –Communication, Management, Policy & Regulation, Finance)	Online											1-2	
202	Energy Management and Audit for Industry	CAPE											13-14	
203	Natural Gas Hydrates in Flow Assurance	Online											14	
204	Process Equipment Malfunction Detection, Diagnostics and Predictive Maintenance	Online/ CAPE											15-16	
205	Oilfield and process-related Corrosion	CAPE											7-8	
206	Design of CMOS-MEMS sensors for IoT Application	Online/ CAPE											14-15	
207	Advanced Applications of Nanoadditives and Nanocomposites in Oil & Gas Production Engineering & EOR (Conventional & Unconventional Reservoirs)	Online/ CAPE											9-10	
208	Reconciling Quantitative & Qualitative Research: Shifting Perspectives	Online											9	