



Training Course :

Petroleum Applications of Biostratigraphy

Training Course For One Week In

UAE, Dubai, Royal Continental Hotel Deira

Which Be Held As Under Details :



Abar Solutions Petroleum Consultancy Invite Your Employee To Participate With Us In Special Training Course As Under Details :

Course Name		Petroleum Applications of Biostratigraphy				
Code	Period	Language	Start	End	Location	Fees KD
GT 021	5 Days	Bilingual	19/11/2017	23/11/2017	UAE, Dubai, Royal Continental Hotel Deira	1195
		(Arabic &	17/12/2017	21/12/2017		
		English)	21/01/2018	25/01/2018		
The Fees Includes: Lecturer, Training Material, Training Room With One Coffee Break Daily, Certificate Of Attendance In Last Day Training Course						

Course Description

- To familiarize the participant with the biostratigraphy, its application as an operational tool, allowing participants to optimize its use at the exploration and oil production operations. To provide basic but practical knowledge to professionals in biostratigraphy, including the major fossil groups used in geological operations, processing techniques of the samples, markers identification, use of biostratigraphic charts and their application in the geological interpretation of drilling sections. Biostratigraphic information is one of the tools routinely used in operations, so professionals at the drilling site need to understand the basics and methods, the type of information it can provide, its applications but also the limitations it has and the common pitfalls. This knowledge is important to correctly assess the stratigraphic level during drilling. It will help the professional in the interpretation of the paleontological associations that are encountered during the progress of the drilling. It will create awareness on how to avoid falling into the most common mistakes that can occur while studying the samples and interpreting the meaning of the fossil assemblages found, in order to avoid erroneous conclusions about the level reached. During the development of the course it will be possible to delve into the various aspects of the biostratigraphic operational studies, always depending on the areas of interest of the participants.

Course Content & Outlines

- Biostratigraphy, definitions and principles
- Main groups of microfossils use in the oil industry: Foraminifera
- Calcareous nanoplankton
- Palynomorphs
- Biostratigraphical studies while drilling
- Sample processing according to fossil group
- Sample picking and major fossil groups identification
- Types of biostratigraphic studies and fossil groups according to the geological section to be drilled
- Designing a sampling strategy for different levels of age and paleoenvironmental control while drilling
- Elaboration of the Biostratigraphic Chart
- Exercises
- Biostratigraphic zones
- Biomarkers: Index and facies fossils
- Exercise
- Paleoenvironment assemblages and biofacies
- Exercise
- Principles of absolute and relative datation.
- Time scale and biostratigraphic zonations.
- Age interpretation based on fossils.
- Issues regarding the use and understanding of Lithostratigraphy, Biostratigraphy, Chronostratigraphy and Discontinuity bounded Stratigraphical Units
- Key biostratigraphic Events on Earth History
- Cycles and Sequences
- T-R cycles interpretation
- Key Sequence Stratigraphy Surfaces
- High Resolution Biostratigraphy