



[Introduction to Log Analysis](#)

Delivery Method	:	Classroom (English)
Fee	:	Available on request
Location	:	PetroTalent, Pune INDIA
Seats	:	15
Duration	:	5 days

Course Information

Overview

The five-day course covers the fundamentals of log analysis for understanding open-hole logs and gaining immediate practical skills in formation evaluation. Hydrocarbon evaluation, porosity and permeability estimation are covered, together with rock typing and pay assessment. Methods to integrate core data, drill-cuttings reports, DST results, and production information with logs are described. Log quality control and normalization issues are also discussed. Participants are required to bring either a calculator or a laptop computer (please be sure to fully charge laptop batteries prior to each day) for all 5 course days.

Training Outline

Introduction

Review of Logging Tool Fundamentals and Downhole Measurements

Quick-Look Log Analysis Techniques

Archie Log Analysis of Water Saturation and Extensions to Non-Archie Rocks

Productivity Predictions of Water-Cut

Permeability Estimation from Logs

Pay Determination

Rock Composition from Log Overlays and Crossplots

Shaly Sandstone Analysis

Simple and Complex Carbonate Analysis

Integration of Core Data with Logs

Case Studies and Exercises of Log Analysis which include Cuttings, Core, DST and Production Information

Borehole Environment and Log Quality Checks

Course Excel Freeware Demonstrations

Training Venue

The course will be held at a PetroTalent less than a 5 minute drive, or within walking distance, to the hotel(s) listed below.

Accommodation:

PetroTalent is equipped with excellent guest house facility for your employees at very reasonable rate. For more details contact sharad.petrotalent@gmail.com.

Batch : Available on Request

Fees : Available on Request.