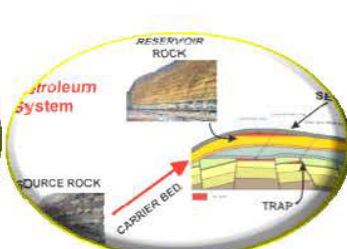
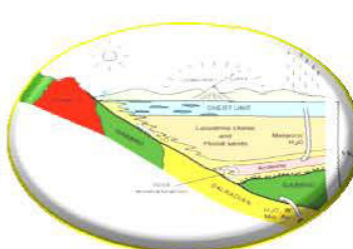
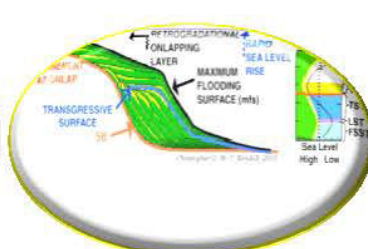


## WELL DRILLING INSTITUTE

**A set of industry-focussed and field-oriented training modules**



### TRAINING PROGRAMME:

## “BASIC PETROLEUM GEOLOGY”

(A 30-Credit Hours Extensive Training Programme)

### COURSE CODE:

**WDI-B.P.G-006**

### DESIGNED FOR:

**YOUNG PETROLEUM ENGINEERS, GEOLOGISTS,  
GEOPHYSICISTS & DIPLOMA HOLDERS**

### COURSE TO BE CONDUCTED AT:

**WELL DRILLING INSTITUTE (WDI)**

Suite # 101, 1st Floor, Arab Business Center,  
Plot # 5, Bahadurabad Chowrangi, Karachi - Pakistan

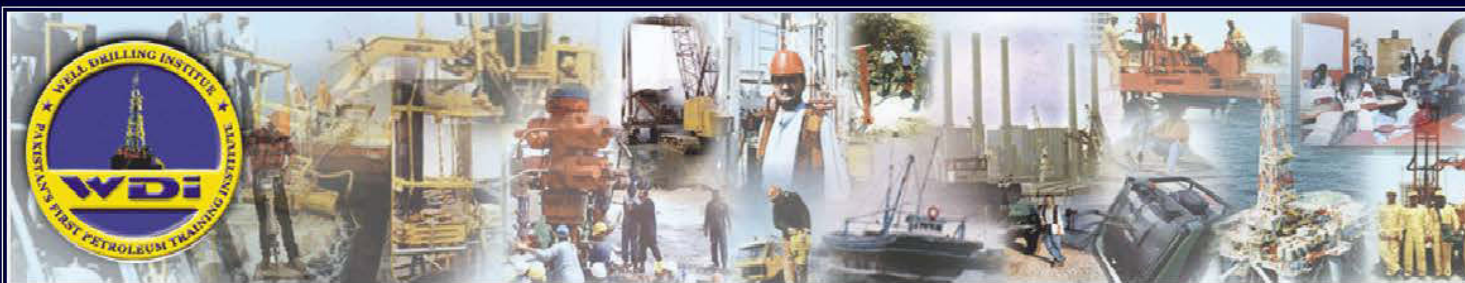
Tel: 021-34925655, 34925654

Email: [wdipetroleum@gmail.com](mailto:wdipetroleum@gmail.com)

Facebook: [wdi.petroleum](https://www.facebook.com/wdi.petroleum) - Website: [secura-group.com](http://secura-group.com)

In building good governance one can start at any point in the process — “top” or “bottom” — and produce positive results. Honest, dedicated leaders are essential, and much can be done to identify and cultivate the qualities of leadership in schools and training institutions.





**Technical skill shared with educational competence...**

## **BASIC PETROLEUM GEOLOGY**

### **WDI-B.P.G-006**

#### **WHO SHOULD ATTEND?**

This course is recommended for Reservoir Engineers, fresh Petroleum Engineers, Students of Petroleum Engineering, Geology, Geophysics disciplines, as well as Diploma holders (in Mechanical, Power, Chemical and Instrumentation), and non-technical E&P Personnel who want to gain knowledge and to understand the petroleum geology.

#### **COURSE OBJECTIVES**

This programme is designed to present the fundamentals and basics of petroleum geology processes, emphasizing basin geometry, environments of depositions, and to introduce basic exploration tools. Upon completion of the course participants will be able to;

- list the factors necessary for the existence of an accumulation of hydrocarbons,
- define the methodology used to assess the petroleum potential of sedimentary basins.

#### **PEDAGOGY**

Including Presentations and Video Movies etc.

WDI is the Pakistan's 1st Petroleum Industry Training Institute, in Private sector where quality education is imparted according to the need and requirement of the E&P Industry.

WDI Short Certificate Programs (for Engineering Students, as well as for Corporate Levels) are a recommended grouping of courses within a subject area or discipline that support the development of specific knowledge and skills applicable to the workplace. Our training programs are designed, developed and updated by our highly Professional team of training experts with input of our overseas partner institutions, industry, and client/learner feedback.

Our training programs are designed for those who would like to increase their existing and working knowledge of all of the technical aspects of the Oil & Gas Industry. Those already in the industry or from ancillary Industries can increase and boost their technical understanding of the very dynamic energy business. Participants new to the industry can expect to be well prepared for many of the administrative and support-level technical positions that are in high demand today with Energy Companies.

WDI now offers a Short Certificate Program of 30-Credit Hours in "BASIC PETROLEUM GEOLOGY" on regular (WEEK-DAYS & WEEK-ENDS) basis.

This course aims to provide the principle knowledge of petroleum geology to the participants. It will also provide a clearer petroleum geological view necessary for their assignments.

#### **COURSE CONTENT:**

1. Petroleum System
2. Basin / Structural Geology
3. Depositional System of Sandstone
4. Carbonate Reservoir Geology
5. Correlation & Stratigraphy
6. Geological Survey
7. Seismic Techniques
8. Mapping Techniques
9. Rock Mechanics