

Course Type	Course Code	Name of Course	L	T	P	Credit
DP	NPEC102	Reservoir Engineering Lab	0	0	3	1.5

Course Objectives:

On hand training to test the reservoir rock properties as per standard practices.

Learning Outcomes:

Ability to design and develop the compatible fluid equilibrium system compatible to the reservoir rock.

COURSE CONTENT:

Exp. No.	Name of the Experiment	Contact Hrs
1.	Determination of porosity by saturation Method.	2
2.	Formation Resistivity factor.	2
3.	Calibration of Dead Weight Tester.	2
4.	Resistivity Log Simulator.	2
5.	Ternary Phase Diagram.	2
6.	Determination of Metacentric Height.	2
7.	Determination of Permeability by Gas Permeameter.	2
8.	Determination of Liquid Permeability by Liquid Permeameter.	2
9.	BHP Chart Analysis.	2
10.	Determination of Permeability by Hesseler core Holder	2
11.	Determination of Permeability by Bench Top Liquid Permeameter	2