

INSTITUTE OF PETROLEUM ENGINEERS, DEHRADUN

ENHANCED OIL RECOVERY

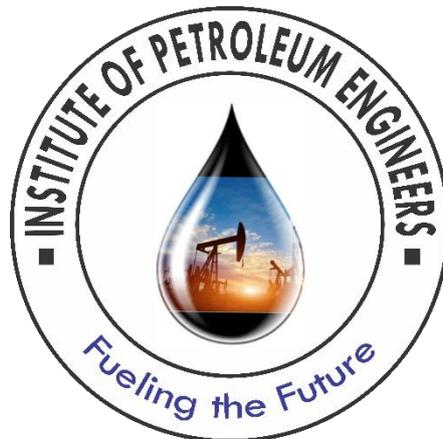
RESOURCES

GATE PETROLEUM

FACULTY

1. MR. ANSHUL JHA (AEE PRODUCTION ONGC)

GATE RANK – 16



LECTURES	TOPICS
1	EOR   Introduction to Waterflooding
2	Waterflooding   Flooding Patterns
3	Waterflooding  Fractional Flow
4	Waterflooding  Fractional Flow (theory) and Unit conversion
5	Waterflooding  Frontal Advance Theory - I
6	Waterflooding  Frontal Advance Theory - II
7	Waterflooding  Mobility Ratio   Effect of Initial Gas saturation
8	Waterflooding  Viscous Fingering   Conformance
9	EOR   Miscible Flooding I
10	EOR   Miscible Flooding II
11	EOR   CO2 Injection   Capillary number
12	EOR   Polymer Flooding
13	EOR   Micellar Polymer Flooding
14	EOR   Alkaline Flooding
15	Ternary Diagram Numerical
16	Ternary Diagram (Chemical Flooding)
17	EOR   Thermal   Steam
18	EOR   Steam Injection
19	EOR   Thermal   In situ Combustion
20	EOR   Microbial