

COURSES CODE	COURSES NAME	SKS
TM6001	Research Methodology	3
TM6002	Transport Phenomena	3
TM6003	Advanced Reservoir Engineering	3
TM6004	Advanced Drilling Engineering	3
TM6005	Advanced Production Engineering	3
TM6006	Professional Ethics	3
TM6007	Advanced Petroleum Engineering Mathematics	3
TM6008	Advanced Petrophysics	3
TM6009	Fluid Flow Through Porous Media	3
TM6010	Pressure Transient Analysis	3
TM6011	Advanced Reservoir Simulation	3
TM6012	Special Topics in EOR	3
TM6013	Special Topics in Non-Conventional Hydrocarbon	3
TM6014	Logging Equipment and Control	3
TM6015	Carbonate and Naturally Fractured Reservoir	3
TM6016	Chemical EOR	3
TM6017	Miscible EOR	3
TM6018	CBM Technology	3
TM6019	Special Topics in Reservoir Engineering	3
TM6020	Special Topics in Formation Evaluation	3
TM6021	Special Topics in Natural Gas Engineering	3
TM6022	Geology & Reservoir Characterization and Description	3
TM6023	Rock Mechanics	3
TM6025	Special Topics in Drilling Engineering	3
TM6026	Thermal Flooding	3
TM6027	Surface Facilities Design	3
TM6028	Non Thermal EOR	3
TM6029	Production Optimization	3
TM6030	Advanced Petroleum Artificial Intelligence	3
TM6031	Advanced Well Stimulation	3
TM6032	Special Topics in Production Engineering	3
TM6033	Advanced Management and Economic Analysis of Oil & Gas Project	3
TM6034	Economic and Financing Analysis of Oil & Gas Project	3
TM6035	Decision and Risk Analysis in Oil and Gas Project	3
TM6036	Oil & Gas Project Management and Accounting	3
TM6037	Optimization Method for Oil and Gas Sector	3
TM6038	Environmental Impact Prevention in Oil and Gas Project	3
TM6039	Reservoir Management	3
TM6040	Reservoir Engineering and Management	3
TM6041	Planning Of Oil Field Development	3
TM6042	Macro and Micro-Economics of Oil and Gas Sector	3
TM6043	Planning & Regulation of Oil & Gas Sector	3
TM6044	Special Topics in Oil & Gas Economics	3
TM6045	Special Topics in Oil & Gas Regulation	3
TM6046	Energy Resources	3

TM6047	Economic and Financing Analysis of Energy Project	3
TM6048	Prevention of Environmental Impact of Oil and Gas Projects	3
TM6049	Energy Economics	3
TM6050	Energy Modeling	3
TM6051	Energy Policy and Planning	3
TM6052	Regulation of Energy Sector	3
TM6054	EOR Methods	3
TM6055	Immiscible EOR	3
TM6098	Thesis I	3
TM6099	Thesis II	6

Elective
Elective
Elective
Elective
Elective
Elective
Elective
Elective
Mandatory
Mandatory