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**NAAC
accreditation
with "A" Grade
& CGPA of 3.39
out of 4.00**



(<index.html>)

M.TECH COURSE



M.TECH PETROLEUM TECHNOLOGY COURSE STRUCTURE (EXPLORATION 2019-2021)

Semester I (<downloads/Semester I Course19-21.pdf>)

Semester II (<downloads/Semester-II Course New.pdf>)

- Reservoir Sedimentology and Sequence Stratigraphy
- Structural Geology and Reservoir Geomechanics
- Petroleum Geology and Basin Analysis
- Petroleum Exploration – I
- Introduction to Electrical Engineering and Instrumentation
- Unconventional Hydrocarbon Resources (Elective 1)
- Application of Ichnology in Core Analysis (Elective 2)
- Reservoir Thermodynamics (Elective 3)
- Reservoir Sedimentology and Sequence Stratigraphy (Practical)
- Structural Geology and Geomechanics (Practical)
- Petroleum Geology and Exploration (Practical)
- Applied Micropalaeontology
- Petroleum Exploration – II
- Advanced Formation Evaluation
- Reservoir Engineering and Development Geology
- Well Site Geology and Drilling Technology
- Enhanced Oil Recovery
- Health Safety and Environment in Oil and Gas Sector
- Application of Modern Instruments in Earth Sciences
- Numerical Methods and Geostatics
- Applied Micropalaeontology Practical
- Geoscience and Hydrocarbon Exploration Fieldwork

Semester III (downloads/Semester-III Course19-21.pdf)

- Seminar
- Project
- Industrial Training

Semester IV (downloads/Semester-IV Course19-21.pdf)

- Seminar
- Project & Dissertation

M.TECH PETROLEUM ENGINEERING COURSE STRUCTURE

Foundation Course/ Bridge Course – 4 weeks (20 hours per week)

Semester I

Semester II

- Advanced Reservoir Engineering
(downloads/Advanced Reservoir Engineering.pdf)
- Advanced Drilling Engineering
(downloads/Advanced Drilling Engineering.pdf)
- Advanced Production Engineering
(downloads/Advanced Production Engineering.pdf)
- Hydrocarbon Exploration Techniques
(downloads/Hydrocarbon Exploration Techniques.pdf)
- Drilling Engineering Lab (downloads/Drilling Engineering Practical.pdf)
- Geology for Reservoir Description
(downloads/Geology for Reservoir Description.pdf)
- Geology for Reservoir Description Practical
(downloads/Geology for Reservoir Description Practical.pdf)
- Integrated Reservoir Management
(downloads/Integrated Reservoir Management.pdf)
- Production Enhancement & optimization
(downloads/Production Enhancement & Optimization.pdf)
- Advanced Enhanced Oil Recovery
(downloads/Advanced Enhanced Oil Recovery.pdf)
- Petroleum Engineering Lab (downloads/Petroleum Engineering Lab.pdf)
- Well Stimulation – Conventional and Unconventional (downloads/Well Stimulation- Conventional and Unconventional.pdf)
- Well Test Analysis (downloads/Well Test Analysis.pdf)
- Petroleum Formation Evaluation
(downloads/Petroleum Formation Evaluation.pdf)
- Electives
 - Oil & Gas Offshore Operations (downloads/Oil and Gas Offshore Operations.pdf)
 - Petroleum Economics (downloads/Petroleum Economics.pdf)
 - Health, Safety and Environment in oil and Gas Sector (downloads/HSE in Oil & Gas Sector - Elective.pdf)
- Audit Course - Reservoir Modelling and Simulation/ Petroleum Software
(downloads/ReservoirModellingSimulation- Reservoir Software-converted.pdf)

Semester III (downloads/Semester 3.pdf)

- Seminar
- Project
- Industrial Training

Semester IV (downloads/Semester 4.pdf)

- Seminar
- Project & Dissertation

M.Tech Bridge Course >> (downloads/M.Tech-Bridge-course-2017.pdf)

M.Tech. Curriculum flow chart 2017 >> (downloads/M.Tech. curriculum flow chart.pdf)

M.Tech. Programme Outcomes >> (downloads/Programme Outcomes M.Tech-converted.pdf)Total Credit: **92**

Choice Based Credit System

Grading:

Marks Obtained	Letter Grade	Grade Point
>80	O (Outstanding)	10
70-79	A+ (Excellent)	9
60-69	A (Very Good)	8
55-59	B+ (Good)	7
50-54	B (Above Average)	6
45-49	C (Average)	5
40-44	P (Pass)	4
<40	F (Fail)	0
	Ab (Absent)	0

THE SCHOOL	THE UNIVERSITY	QUICK LINKS	EMERGENCY INFO	PDEU SCHOOLS
WHY PETROLEUM ENGG.? (PETRO-WORLD-DIFFERENCE.PDF)	UNIVERSITY HOME (HTTP://WWW.PDPU.AC.IN/)	QUICK CONTACT (CONTACT-SPT.HTML)	QUICK CONTACT (CONTACT-SPT.HTML)	PETROLEUM TECHNOLOGY (//SPT.PDPU.AC.IN/)
ADMISSIONS (BTECH-ADMISSIONS.HTML)	ABOUT UNIVERSITY (ABOUTPDPU.HTML)	MANDATORY DISCLOSURE (DOWNLOADS/SPTMANDATORYDISCLOSURE.PDF)	MEDICAL CARE ANTI RAGGING COMMITTEE	TECHNOLOGY (HTTP://SOT.PDPU.AC.IN/)
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FACULTY (SPT-FACULTY.HTML)	EXPOSURE PROGRAMME (SPT-IEP.HTML)	TERMS OF USE (TERMS.HTML)	ANTI-RAGING.PDF)	MANAGEMENT (HTTP://SPM.PDPU.AC.IN/)
DOWNLOADS (DOWNLOADS.HTML)	CAMPUS (CAMPUS.HTML)	THE UNIVERSITY ACT (HTTP://WWW.PDPU.AC.IN/)	ENVIRONMENTAL SAFETY (DOWNLOADS/THE_UNIVERSITY_ACT.PDF)	
	RECOGNITION (RECOGNITION.HTML)			