

ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

NEW DELHI

MANDATORY DISCLOSURE 2023 - 24



SCHOOL OF PETROLEUM TECHNOLOGY (SPT)

PANDIT DEENDAYAL ENERGY UNIVERSITY

(PDEU) Raisan Village, District – Gandhinagar, Pin code–382426, Gujarat, INDIA

Updated on: January 2024

MANDATORY DISCLOSURE

1. Mandatory Disclosure	Updated on: 31/01/2024
2. AICTE File No.	Central/1 - 36515474155/2023/EOA
3. Date & Period of last approval	15 May 2023 for the Academic Year 2023-24
4. Name of the Institution	School of Petroleum Technology
5. Address of the Institution	School of Petroleum Technology Pandit Deendayal Energy University Raisan Village
6. City & Pincode	Gandhinagar-382426
7. State/UT	Gujarat
8. Longitude & Latitude	23°9'21"N72°39'59"E
9. Phone with STD Code	+91-079-23275069
10. Fax with STD Code	+91-079-23275030
11. Office hours at the Institution	09:00 to18:00 hrs
12. Academic hours at the Institution	09:00 to18:00 hrs
13. Email	directorsoet@pdu.ac.in
14. Website	http://www.spt.pdu.ac.in/
15. Nearest Railway Station	Gandhinagar(12Km)
16. Nearest Airport	Ahmedabad (17 Km) from University
17. Type of Institution	School
18. Category(1)of the Institution	Non Minority
19. Category(2)of the Institution	Yes, Co-Ed

20. Name of the organization Running the Institution	Pandit Deendayal Energy University(PDEU)
21. Type of Organization	University managed
22. Registered with	University Grants Commission (UGC) Section 2(f) of UGC Act, 1956
23. Registration Date	F.No.9-17/2008(CPP-I) dated November 17, 2009
24. Website of the organization	www.pdpu.ac.in
25. Name of the Affiliating	School of Petroleum Technology, PDEU
26. University Address	NA
27. Website	NA
28. Latest Affiliation Period	NA
29. Name of Director	Prof. Anirbid Sircar
30. Exact Designation	Director, School of Petroleum Technology
31. Phone Number with STD Code	+91-079-23275069
Email	directorsoet@pdpu.ac.in
Highest Degree	Ph.D.
Field of Specialization	Petroleum Engineering
32. Governing Board Members	<u>Annexure-1</u> Dr. Mukesh D. Ambani, Chairman & Managing Director, Reliance Industries Ltd. is the President of the University
33. Board of Governors Meetings	At least twice in a year
34. Frequency of Academic Council Meetings	At least thrice in a year
35. Academic Advisory Body	Dr. S. Sundar Manoharan Director General, PDEU, Raisan, Gandhinagar <u>Annexure-1</u>
36. Organizational Chart	<u>Annexure-2</u>
37. Student feedback mechanism on	

**Institutional governance/faculty
Performance**

Exists

**38. Grievance redressal mechanism for
Faculty, staff & students**

- 1) Women Cell
- 2) Redressal Committee
- 3) Student`s advisory system is constituted

39. Name of the Department

School of Petroleum Technology

40. Course

Petroleum Engineering

41. Level UG/PG

- 1) Bachelor of Technology (B.Tech)
- 2) Master of Technology (M.Tech)
- 3) Doctorate in Philosophy(Ph.D.)

42. Year of approval by the Council

2007, intake sanctioned 240

43. Yearwise Sanctioned Intake

Year 2023	Year 2022	Year 2021	Year 2020	Year 2019	Year 2018	Year 2017
120	120	120	120	120	120	120

44. Yearwise Actual Admissions

Year 2023	Year 2022	Year 2021	Year 2020	Year 2019	Year 2018	Year 2017
86	50	107	125	153	130	117

45. Cut off marks quota

	Year 2023	Year 2022	Year 2021	Year 2020	Year 2019	Year 2018
Gujarat last cut off JEE Main (ACPC Rank)	0162-02458	2522-22111	2927-3492	1622 – 6272	307 - 4680	169 – 11681
All India & UT`s last cut off JEE Main AIR		76961-674829	35437-791195	46952 – 441122	19656 – 101440	12401 - 93248

46. Accreditation Status

NAAC Accreditation Status Yes, NAAC with “A++” Grade & CGPA of 3.52 out of 4.00

NBA Accreditation Status Yes, B.Tech Petroleum Engineering Program is NBA Accredited, Accredited for Academic Year 2021-22, 2022-23 and 2023-24, i.e., upto 30-06-2024) ([Link](#))

47. Doctoral Courses Yes

48. Foreign Collaborations, if any University of Tulsa, USA
University of Oklahoma, USA
University of Houston, USA
Lamar University, USA
Southern Illinois University, USA
Beijing Institute of Technology, China
University of Western Ontario, Canada
Sacred Heart University, USA
University of Manitoba, Canada
Dedan Kimathi University of Technology, Kenya
Gubkin Russian State University of Oil and Gas, Uzbekistan
University of Wollongong, Australia
Victoria University of Wellington, New Zealand
Moscow State University, Russia
Beijing Institute of Technology, China

49. Professional Society Memberships 1) American Association of Petroleum Geologist
2) Society of Exploratory Geophysics
3) Society of Petroleum Geophysics
4) Society of Petroleum Engineers
5) Petrotech Society (renamed as Federation of Indian Petroleum Industry)
6) International Association of Drilling Contractors
7) American Chemical Society

50. Professional Activities Faculty training/ Special meetings /Paper contest/ Seminar/Workshop/Conclaves/Faculty Research Symposium

51. Consultancy Activities PDEU has the policy to promote consultancy

52. Grants FetchedAnnexure – 3**53. Departmental Achievements**Annexure – 4 (including academic, sports & cultural Activities)**54. Distinguished Alumni***Few Distinguished Alumni Listed Below***Mr. Diwakar Jhurani**

Deputy Head of Economics at British High Commission, New Delhi

Mr. Siddharth Nahar

IPS Officer

Mrs Pulkita Rohilla Zaidu

Business Consultant| Gold Medalist - IIM Indore | 8+ Years B2B experience in O&G | Petroleum Engineer

Mr Sultan Alimuddin

Humanitarian | Petroleum Engineer I Published Author I Extensive Traveller

55. Profile of Teaching StaffAnnexure-5**56. Fees and Admission****Refer to the link of admission (Click Following link)**<https://www.pdpu.ac.in/downloads/B.%20Tech.%20Admission%20Rules%202023-24.pdf>**57. Admission Quota**50% Gujarat ACPC (15% ST; 7% SC; 27% SEBC;
3% PC) 50% All India (7.5% ST; 15% SC; 3% PC)**58. Entrance Test/ Admission Criteria AIEEE till 2012**

JEE (Main) from 2013-14 onwards

59. Cut off mark/rank for admission during the last three/five years

Opening (2023)							
Branch	ACPC Merit No. (Rank)						
	GENERAL	SC	ST	SEBC	EWS	TWFs	DS/EX
PETROLEUM	4230	16001	-	19639	17856	2510	-

Closing (2023)							
Branch	ACPC Merit No. (Rank)						
	GENERAL	SC	ST	SEBC	EWS	TWFs	DS/EX
PETROLEUM	1332	22255	-	28875	19211	3781	-

Opening (2022)							
Branch	ACPC Merit No. (Rank)						
	GENERAL	SC	ST	SEBC	EWS	TWFs	DS/EX
PETROLEUM	2522	-	-	-	-	2890	-

Closing (2022)							
Branch	ACPC Merit No. (Rank)						
	GENRAL	SC	ST	SEBC	EWS	TWFs	DS/EX
PETROLEUM	22111	-	-	-	-	6180	-
Opening (2021)							
Branch	ACPC Merit No. (Rank)						
	GENRAL	SC	ST	SEBC	EWS	TWFs	DS/EX
PETROCHEMICAL	5590	26980	-	-	-	3648	-
PETROLEUM	3492	14224	27835	15667	19998	2044	-

Closing (2021)							
Branch	ACPC Merit No. (Rank)						
	GENRAL	SC	ST	SEBC	EWS	TWFs	DS/EX
PETROCHEMICAL	33976	26980	-	-	-	3648	-
PETROLEUM	29247	20125	28010	28289	19998	3104	-
Opening (2023)							
Branch	JEE Rank						
	GENRAL		SC		ST	PH	
Petroleum	138523		40708		-	-	

Closing (2023)				
Branch	JEE Rank			
	GENRAL	SC	ST	PH
Petroleum	1029596	694742	-	-

Opening (2022)				
Branch	JEE Rank			
	GENRAL	SC	ST	PH
Petroleum	76961	137939	-	-

Closing (2022)				
Branch	JEE Rank			
	GENRAL	SC	ST	PH
Petroleum	674829	590851	-	-

Opening (2021)				
Branch	JEE Rank			
	GENRAL	SC	ST	PH
Petrochemical	140669	496268		
Petroleum	35437	307128	-	-

Closing (2021)				
Branch	JEE Rank			
	GENRAL	SC	ST	PH
Petrochemical	574829	496268		
Petroleum	791195	307128	-	-

Year	Category	Gujarat Last cut off JEE Main	All India & UT`s Last cut off JEE Main AIR
2023	SEBC	906494(ACPC Merit No.)	-
	SC	904812 (ACPC Merit No.)	694742
	ST	915154 (ACPC Merit No.)	
	PC	(ACPC Merit No.)	
	GEN	900162(ACPC Merit No.)	1029596
2022	SEBC	(ACPC Merit No.)	
	SC	(ACPC Merit No.)	590851
	ST	(ACPC Merit No.)	
	PC	(ACPC Merit No.)	
	GEN	(ACPC Merit No.)	674829
2021	SEBC	(ACPC Merit No.)	-
	SC	(ACPC Merit No.)	
	ST	(ACPC Merit No.)	307128
	PC	(ACPC Merit No.)	
	GEN	(ACPC Merit No.)	791195

2020	SEBC	-	-
	SC	17041 (ACPC Merit No.)	633825
	ST	24968 (ACPC Merit No.)	728593
	PC	7271 (ACPC Merit No.)	-
	GEN	6272 (ACPC Merit No.)	976958
2019	SEBC	2288 (ACPC Merit No.)	-
	SC	2035 (ACPC Merit No.)	324873
	ST	15008 (ACPC Merit No.)	522737
	PC		-
	GEN	307 (ACPC Merit No.)	101440
2018	SEBC	3982 (ACPC Merit No.)	-
	SC	5602 (ACPC Merit No.)	210054
	ST	-	536672
	PC	-	-
	GEN	1347 (ACPC Merit No.)	93248
2017	SEBC	30010 (ACPC Merit No.)	-
	SC	2943 (ACPC Merit No.)	331195
	ST	31033 (ACPC Merit No.)	525119
	PC	22065 (ACPC Merit No.)	-
	GEN	836 (ACPC Merit No.)	78916
2016	SEBC	3380 (ACPC Merit No.)	-
	SC	6654 (ACPC Merit No.)	390711
	ST	41178 (ACPC Merit No.)	578033
	PC	-	-
	GEN	1155 (ACPC Merit No.)	133962
	SEBC	2566 (ACPC Merit No.)	-
	SC	6654 (ACPC Merit No.)	306772

2015	ST	44742(ACPCMeritNo.)	999713
	PC	-	-
	GEN	2416(ACPCMeritNo.)	116491

60. Number of Fee Waivers CAY offered 4 FC & 5 TFW (2022 Batch)
8 FC & 5 TFW (2023 Batch)

61. Admission Calendar **It is available in B.Tech. admission rule (click the following link for details)**

<https://www.pdpu.ac.in/downloads/B.%20Tech.%20Admission%20Rules%202023-24.pdf>

62. PIO Quota NO

63. Infrastructure Information

Classroom / Tutorial facilities	<u>Annexure-6</u> (Photo)
Laboratory Details	<u>Annexure-7</u>
Computer Centre Facilities	<u>Annexure-6</u> (Photo)
Library Facilities	<u>Annexure-6</u> (Photo)
Auditorium / Seminar Halls	<u>Annexure-6</u> (Photo)
Cafeteria	<u>Annexure-6</u> (Photo)
Indoor Sports Facilities	<u>Annexure-6</u> (Photo)
Outdoor Sports Facilities	<u>Annexure-6</u> (Photo)
Gymnasium Facilities	<u>Annexure-6</u> (Photo)
Facilities for disabled	<u>Annexure-6</u> (Photo)
Any other facilities	

64. Boys Hostel Number of rooms having 2 Beds –376 & 3 Beds - 222

65. Girls Hostel Number of rooms having 2 Beds– 48 & 3 Beds – 98

66. Medical Health Clinic at the campus
Faculty & Staff is provided with Health Insurance

67. Academic Session Annexure-8

68. Examination System Semester

69. Period of declaration of results Annexure-8

70. Counselling / Mentoring	Each faculty advisor is assigned a batch of 20 students
71. Career Counselling	Each semester, the University allots faculties for Career Counselling
72. Student Insurance	Yes
73. Students Activity Body	Yes (click the following link for details) https://www.pdpu.ac.in/About-OSAIL.html
74. Cultural Activities	FLARE 2022
75. Sports Activities	ENERGYCUP 2023
76. Literary Activities	Yes
77. Magazine / Newsletter	SPT Mirror
78. Technical TechFest / Activities	SPE Fest, Tesseract, Technoaltar(FIPI), Adhithana(IADC)
79. Industrial Visits / Tours	Yes
80. Alumni Activities	Yes (Alumni Meet 29 December 2023) <u>Annexure 8</u>
81. Name of the Information officer For RTI	AshutoshVyas
Designation	Administrative Officer, School of Petroleum Technology
PhoneNumberwithSTDCCode	+91-79-23275079
FaxNumber withSTDCCode	+91-79-23275030
Email	Ashutosh.vyas@spt.pdpu.ac.in

ANNEXURE – 1



UGC Recognized

PANDIT DEENDAYAL ENERGY UNIVERSITY
Formerly
PANDIT DEENDAYAL PETROLEUM UNIVERSITY

Raisan, Gandhinagar – 382 426, Gujarat - INDIA. Website : www.pdpu.ac.in

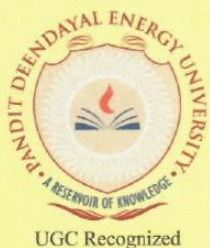
NAAC Accredited 'A++' Grade (CGPA 3.52 out of 4.00)

Pandit Deendayal Energy University

BOARD OF GOVERNORS

Name of Members	
Dr Mukesh Ambani CMD - RIL	Dr. Hasmukh Adhia – IAS (Retd.) Former Union Finance and Revenue Secretary, Govt. of India
Dr. S. Sundar Manoharan Director General – PDEU	Col (Dr) Rakesh Kumar - Registrar Secretary of the Board
Dr. R. A. Mashelkar, FRS National Research Professor	Dr. Parimal Nathwani Director – Corporate Affairs Reliance Industries Ltd.
Shri Jalaj Dani Chairman, IIM Trichi and Co-Promoter of Asian paints	Shri Mukesh Kumar, IAS Principal Secretary Education Dept., Govt. of Gujarat
Shri Jinal Mehta M. D. - Torrent Power Ltd.	Shri Milind Torawane, IAS Managing Director Gujarat State Petroleum Corporation
Smt. Mamta Verma – IAS Principal Secretary Energy & Petrochemicals Dept., Govt. of Gujarat	Smt. Anita Karwal, IAS (Retd.) Chairman - RERA Govt. of Gujarat
Shri Arun Kumar Singh Chairman & CEO Oil & Natural Gas Corporation	Dr. Dhaval Pujara Director, SoT - PDEU
Dr. T. P. Singh Dean – Students' Affairs-PDEU	

Registrar
Pandit Deendayal Energy University
Formerly Known as
Pandit Deendayal Petroleum University
Gandhinagar, Gujarat - India



PANDIT DEENDAYAL ENERGY UNIVERSITY
Formerly
PANDIT DEENDAYAL PETROLEUM UNIVERSITY

Raisan, Gandhinagar – 382 426, Gujarat - INDIA. Website : www.pdpu.ac.in

NAAC Accredited 'A++' Grade (CGPA 3.52 out of 4.00)

Academic Council

Chairman

Dr. S. Sundar Manoharan

Director General

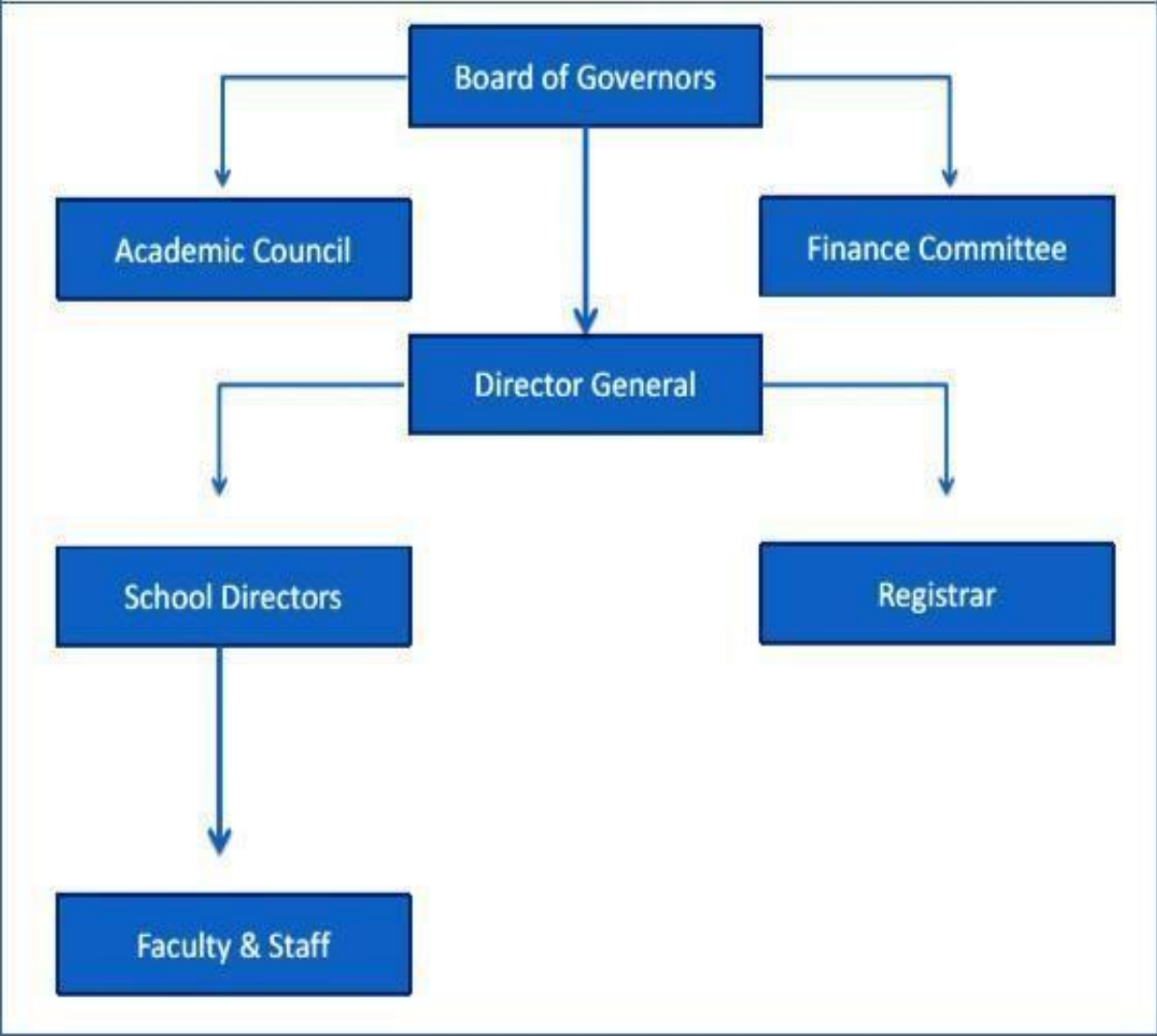
Pandit Deendayal Energy University

Dr. J. Ramkumar Professor in Mechanical Engineering Satischandra Agarwal Chair-Professor Indian Institute of Technology Kanpur	Dr. Gopal Mahapatra Professor Indian Institute of Management Bangalore
Dr. Nilesh Desai Director Space Applications Centre Ahmedabad	Dr. Pradip K Tewari HoD (Chemical Engg.) Jal Jeevan Mission Chair Professor Indian Institute of Technology Jodhpur
Col (Dr) Rakesh Kumar Registrar Pandit Deendayal Energy University	Dr. AKS Suryavanshi Director - School of Management, PDEU
Dr. Dhaval Pujara Director – School of Technology, PDEU	Dr. Tanushri Banerjee Dean - School of Management, PDEU
Dr. Ritu Sharma Dean – School of Liberal Studies, PDEU	Dr. Nigam Dave Professor (English) School of Liberal Studies, PDEU
Dr. Anirbid Sircar Professor in Petroleum Engg. School of Energy Technology, PDEU	Dr. Surendra Singh Kachhwaha Professor in Mechanical Engg. School of Technology, PDEU
Dr. T. P. Singh Professor in Mathematics PDEU	Dr. Vivek Pandya Professor in Electrical Engg. School of Technology, PDEU
Dr. Indrajit Mukhopadhyay Professor in Dept. of Solar Energy School of Technology, PDEU	Dr. Manoj Pandey Professor in Chemistry School of Technology, PDEU

Col (Dr) Rakesh Kumar
Registrar

Pandit Deendayal Energy University
Gandhinagar, Gujarat – INDIA

ANNEXURE – 2



ANNEXURE-3

1. Ongoing Projects

Name of Faculty	Project Title	Funding agency	Funding Amount (Cumulative during CAYm1, CAYm2 and CAYm3) in INR	Duration
Dr. Anirbid Sircar	Geothermal Exploration and Exploitation in Gujarat with special focus on Power Generation	EPD, Government of Gujarat	21,00,00,000	2015- 24
Dr. Achinta Bera	Development of CO2 Injection Strategy for Enhanced Oil Recovery and Sequestration in Indian Oil Fields	SHELL Energy India Pvt Ltd - PDEU Research Projects	33,21,000	2020-21
Dr. Rohit Srivastava	Design and Development of Advance Catalyst for Green Hydrogen Production and CO2 reduction	SHELL Energy India Pvt Ltd - PDEU Research Projects	34,91,000	2020-21
Dr. Paul Naveen	Green Hydrogen	SHELL Energy India Pvt Ltd - PDEU Research Projects	31,81,000	2020-21
Dr. Hari Srinivas	Digital Twin Application for Oil and Gas Pipelines Monitoring and Risk Analysis	SHELL Energy India Pvt Ltd - PDEU Research Projects	44,43,000	2020-21
Dr. Paul Naveen	Atmospheric CO ₂ capture and its Efficient Utilization in Production of Value Added Product	SHELL Energy India Pvt Ltd - PDEU Research Projects	₹ 29,21,000	2020-21
Dr. Utam Bhui	Investigation of sorption properties of natural shale rock samples for metal ions of nuclear importance under different experimental conditions.	BRNS	33,00,000	2020-22
Dr. Anirbid Sircar	Energy health and water: Engineering solutions for complex problems	DST	3,36,44,400	2023 to 2028
Dr. Anirbid Sircar, Dr. Bhawanisingh Desai, Dr Uttam Bhui	Research Project on Geoscientific Data Interpretation on Kutch and Saurashtra Basin	Directorate General of Hydrocarbons (DGH)	9,00,000	6 Months (January - June 2023).

Dr. Vivek Ramalingam	Experimental and Numerical Investigations on Natural Gas Production from Gas Hydrate Bearing Sediments in KG Basin	SERB	1830000	3 Years 2022-25
Dr Amit Verma	Production of Shale Gas Using Supercritical Carbon Dioxide fracturing in Shale Reservoir	Science & Engineering Research Board(SERB), DST, GOI	31,15,560	2022-2024 (24 Months)
Dr. Rohit Srivastava	Hybrid Perovskite based Flexible Memristor on Paper Substrate for Neuromorphic Computation and Data Storage	DST Gov. of Gujarat	32,00,000	Year (2021-22) 3 Years
Dr. Rohit Srivastava	Development of Efficient Electrolyzer System for Green Hydrogen Generation	Indo-U.S. Science & Technology Forum (USISTEF)	50,00,000	2022-23 (1 year)
Prof. Anirbid Sircar Dr. B. G. Desai Dr. Achinta Bera & Dr. Namrata Bist Rawat	CO ₂ enhanced oil recovery in depleted oil reservoirs and its storage	Climate Change Department, Govt. of Gujarat	30,00,000	2024
Prof. Anirbid Sircar Dr. B. G. Desai Dr. Roshni Singh & Dr. Rohit Srivastava	Development of low cost system for green H ₂ generation	Climate Change Department, Govt. of Gujarat	30,00,000	2024

2. Consultancy Projects

Sanction Financial Year	Title of the Project and Activities	Name of the Investigators	Name of the funding Agency	Total grant Sanctioned Sanctioned (INR)
2019-20	Screening Study for implementing ER methods	Dr. R. K. Vij & Dr. J. R. Agarwal	JTI Inc.	16,00,000.00
2019	Screening Study for implementing ER methods	Dr. R. K. Vij and Dr. J. R. Agarwal	HOEC	17,70,000.00

2019-2020	Diligence of the field for bidding Purpose	Dr. R. K. Vij and Dr. J. R. Agarwal	Siam Services India Pvt. Ltd.	20,65,000.00
2019 - 2020	Screening Study for implementing ER methods	Dr. R. K. Vij and Dr. J. R. Agarwal	GSPC	15,25,000.00
2019 - 2020	Screening Study for implementing ER methods	Dr. R. K. Vij and Dr. J. R. Agarwal	GNRL	23,60,000.00
2019 – 2020	OVL Investment Evaluation	Dr. RK Vij	NITI Aayog	25,00,000.00
2019	Proppant Crush Testing	Dr. J. R. Agarwal	Shraddha Associates Pvt. Ltd.	1,17,000.00
2021-22	City gas distribution	Dr. Anirbid Sircar, Ms. Namarat Bist & Dr. Kriti Yadav	Torrent Gas Pvt Ltd.	5,01,500.00
2021-22	Consultancy for Campus to Corporates	Dr. Anirbid Sircar, Ms. Namarat Bist & Dr. Kriti Yadav	Torrent Gas Pvt. Ltd.	7,08,000.00
2022-23	Consultancy for Campus to Corporates	Dr. Anirbid Sircar, Ms. Namarat Bist & Dr. Kriti Yadav	Torrent Gas Pvt. Ltd	17,26,500.00
2023	Finalizing Drilling Location for Bhandut Field	Prof. R. K. Vij & Mr. Gaurav Hazarika	Kiri Group	2,50,000
2023	FDP formulation of B. Field	Prof. R. K. Vij & Mr. Gaurav Hazarika	Kiri Group	10,00,000
2023	FDP formulation of Tarajan Field	Prof. R. K. Vij & Mr. Gaurav Hazarika	Well Rx	10,00,000
2023	Rock identification and geological report verification	Dr. Bhawanisingh Desai	GWSSB	35000

2023	Training on basic petroleum engineering	Dr. Hari S. & Dr. Shanker Krishna	MSME	Rs. 17700
2024	Third-Party Assessment of Rooftop solar system installed in Gujarat	Prof. Anirbid Sircar Dr. B. G. Desai Dr. Namrata Bist Rawat & Dr. Abhijit Ray	GUVNL	Rs. 18,85,000

3. Completed Projects

Name of Faculty	Project Title	Funding agency	Funding Amount (Cumulative during CAYm1, CAYm2 and CAYm3)	Duration
Dr. Anirbid Sircar	Effect of Laying Pipeline on Soil Productivity in various places of Gujarat state	(GERMI/RE4/ENV/2019-20/497)- Rs. 1 crore	1,00,00,000.00	2020-22

4. University Sponsored Student Research Projects

Faculty Mentors	Project Title	Sanctioned Amount (INR)	Year
Dr. Vivek Ramalingam	Investigation of Carbon Dioxide Sequestration in Geological Formations.	50,000	2022-23
Dr. Maunish Shah	A Novel Technique to Prevent Wax Precipitation during Hydraulic Fracturing of Low Temperature Waxy Oil Reservoir	30,000	2022-23
Dr. Rohit Srivastava	Development of Electrolyzer for Green Hydrogen	50,000	2022-23
Dr. Vivek Ramalingam/ Dr. Achinta Bera	Development of Drilling Fluid with Coconut-Husk of Variable Sizes for Preventing Lost Circulation and Machine Learning for Best Model Fitting	45,000	2022-23
Ms. Namrata Bist	Synthesis of Aerographene for oil spill remediation	1,52,000	2020-22
Dr. Pawan Gupta	Study Of Hydrate Inhibitors Through Their Thermodynamic And Rheological Properties: Application To Methane Production From Hydrate And Flow Assurance	1,52,000	2020-22

ANNEXURE-4

1. National/ International Student Activities

Conference/ Paper Published by students in reputed Journal

Name	Conference/Seminar/Workshop	DD/MM/YY
Aastha Maurya	International conference of sustainable infrastructure with smart technology for energy and environmental management	24/3/22
Pooja Bhatia and Komal singh	India Energy week 2023	6/2/23 to 8/2/23
Ananya Bajoria	PSF'22 (Showcase)	12/11/22
Pooja Bhatia	5 th South Asian Geo Science Conference	14/10/22 to 16/10/22
Harsh Patni	2nd International Conference on “Advances in Water Treatment and Management (ICAWTM-23)”	11/03/23-12/03/23
Pooja Bhatia	Showcase Paper Presentation(PSF'21)	12/11/21
Komal Singh	Showcase Paper Presentation(PSF'21)	12/11/21
Komal Singh	UPES SPE fest'22	18/02/22
Pooja Bhatia	UPES SPE fest'22	18/02/22
Harshal Gajera	UPES SPE fest'22	18/02/22
Harshal Gajera	Showcase Paper Presentation (PSF'21)	12/11/21
Harshal Gajera	International Conference on Additive Manufacturing and Advance Maaterials (AM2-2021)	05/11/21
Dharam Ramani	International Conference on Additive Manufacturing and Advance Maaterials (AM2-2021)	05/11/21
Dharam Ramani	Showcase Paper Presentation (PSF'21)	12/11/21
Harshal Gajera	11th National FIPI Convention	31/03/22
Lokesh V. Dadheech	Showcase Paper Presentation (PSF'21)	12/11/21
Ayush Katyare	HSE and Sustainability Conference, MIT Pune	27/11/2021
Dipesh Patel and Nisarg Patel	HSE and Sustainability Conference, MIT Pune	27/11/2021

Harsh Patni	2 nd International Conference on Sustainable Infrastructure for Energy and Environmental Management (SIC-SISTEEM 2022)	24/03/2022
Harsh Patni	1 st International Conference on Advances in Water Treatment and Management (ICAWTM-22)	26/03/2022
Vrutang Shah, Yashraj Dholakia	Geochemical and Geothermometry study on hot water springs for understanding prospectively of low enthalpy reservoirs of Dholera Geothermal Field	14 October 2020
Vyas Vishal Kumara	An Approach to improve wellbore stability in Active shale formations using Nanomaterials	May 2020
Tanzim Thobhani, Sachit Vasudev	Major areas of costs and improvement strategies in supply chain management for the Oil and Gas Industry	27-28 Feb 2020
Shubham Saraf,	3rd International Oil & Gas Chemistry, Chemicals, and Additives Conference (IOGAC 2020),	24-26 September 2020
Suryapratapsingh Bhadoria	Green Technologies for Sustainable Development (GTSD-2021), Dharamsinh Desai University	9th -11th March 2021.
Shivshambhu Kumar	3rd International Oil & Gas Chemistry, Chemicals, and Additives Conference (IOGAC 2020),	24-26 September 2020
Shubham Saraf,	Indo Canadian Research Conclave on Sustainable Approaches to Carbon Capture Sequestration and Utilization	12-13 March 2021
Mousumi Nandi, Neha Vyas,	A review on the natural gas ecosystem in India: Energy scenario, market, pricing assessment with the developed part of the world and the way forward. Journal of Natural gas Science and Engineering	Dec 2021

1. PDU student bagged 1stAll India Rank in GATE-2021, GATE-2022 and GATE-2023, many other students have done excellently well and bagged position in top 100. (Details Below). Few students also cleared CAT and IELTS for MBA and higher studies in 2021.

AY	Name of Student	Roll No	Name of exam cleared	Name of recognizing body
2017-18	Mudit Vajpayee	PE18S13010032	GATE	Indian Institutes of Technology
2018-19	Soham Sukant Patel	262313	IELTS	British Council
2018-19	Simarn Dhingra	365447	IELTS	British Council
2018-19	Jamin Agrawal	No. A-33/16/1/2019-E.I	Others	British Council
2018-19	Harsh Rajnikant Patel	PE19S42011316	GATE	Indian Institutes of Technology
2018-19	Prashant Kumar	PE19S42076453	GATE	Indian Institutes of Technology
2018-19	Parth Rajesh Kumar Bhut	PE19S44025110	GATE	Indian Institutes of Technology
2019-20	Thakkar Mehul Kumar Prabodhchandra	20169161	CAT	Indian Institutes of Management
2019-20	Tanzim Thobhani	254080	IELTS	British Council
2019-20	Solanki Saurabh Chandrakantbhai	9215971	CAT	Indian Institutes of Management
2019-20	Mahrishi Kaushik Kumar Patel	238545	IELTS	British Council
2020- 21	Mahammadtaukir Alauddin bhai Karigar	PE21S42007048	GATE	Indian Institutes of Technology
2020- 21	Pranav Kumar DhruKumar Hajariwala	PE21S42021097	GATE	Indian Institutes of Technology
2020- 21	Ashish Gupta	PE21S43066013	GATE	Indian Institutes of Technology
2020- 21	Vaidik Bipinbhai Patel	PE21S42005159	GATE	Indian Institutes of Technology
2020- 21	Dixit Kumar Bharatbhai Sabhani	PE21S42005015	GATE	Indian Institutes of Technology
2020- 21	Mohamadsaif Asif Iqbal Mansuri	PE21S42007064	GATE	Indian Institutes of Technology
2020- 21	Bhumin Kumar Mahasukh Baraiya	PE21S42010118	GATE	Indian Institutes of Technology
2020- 21	Rutvik Chandubhai Navadiya	PE21S42010186	GATE	Indian Institutes of Technology
2020- 21	Jamin Kumar Maheshbhau Vasava	PE21S42017142	GATE	Indian Institutes of Technology
2020- 21	Chirag Popatbhai Bhadiyadra	PE21S42017218	GATE	Indian Institutes of Technology
2020- 21	Ayush Kumar Satish Kumar Patel	PE21S42007008	GATE AIR-1	Indian Institutes of Technology
2020- 21	Hasmitabeen Karmanbhai Kadavla	PE21S42010216	GATE	Indian Institutes of Technology

2020- 21	Sorathiya Kapil Khimjibhai	PE21S42010038	GATE	Indian Institutes of Technology
2020- 21	Shani M Suthar	PE21S42005387	GATE	Indian Institutes of Technology
2020- 21	Jenisgiri Shivgiri Goswami	PE21S42010182	GATE	Indian Institutes of Technology
2020- 21	Yatri KetanKumar Shah	PE21S42005183	GATE	Indian Institutes of Technology
2020- 21	Kartik Umat	47957	IELTS	British Council
2021-22	Shrinath Jani	PE22S72010001	GATE AIR-1	Indian Institutes of Technology
2021-22	Nehal Khetani	PE22S72012023	GATE	Indian Institutes of Technology
2021-22	Mihir Panchal	PE22S72010113	GATE	Indian Institutes of Technology
2021-22	Shivam Patel	PE22S72019064	GATE	Indian Institutes of Technology
2021-22	Jash Patel	PE22S72010000	GATE	Indian Institutes of Technology
2021-22	Utsav Harkhani	PE22S72010000	GATE	Indian Institutes of Technology
2022-23	Patel Vraj Kumar Bipinchandra	19BPE144	GATE	Indian Institutes of Technology
2022-23	Javiya Smit Dilipbhai	19BPE123	GATE	Indian Institutes of Technology
2022-23	Kunal Nagdev	19BPE074	GATE	Indian Institutes of Technology
2022-23	Keyur Kanubhai Moradiya	19BPE069	GATE	Indian Institutes of Technology
2022-23	Shubham Bhavin Patel	19BPE122	GATE	Indian Institutes of Technology
2022-23	Neel Kukadiya	19BPE088	GATE	Indian Institutes of Technology
2022-23	Darshak Katariya	19BPE021	GATE	Indian Institutes of Technology
2022-23	Daksh Joshi	20BPE040	GATE	Indian Institutes of Technology
2022-23	Lokesh Vikram Dadheech	20BPE055	GATE	Indian Institutes of Technology
2022-23	Rishu Kumar Singh	19BPE110	GATE	Indian Institutes of Technology
2022-23	Shlok Panchal	19BPE119	GATE	Indian Institutes of Technology
2022-23	Sahil Vora	19BPE114	GATE	Indian Institutes of Technology
2022-23	Rathod Chirag	19BPE020	GATE	Indian Institutes of Technology

2022-23	Gajjar Devansh Minesh	20BPE003	GATE	Indian Institutes of Technology
2022-23	Hardevsinh Sindha	20BPE063	GATE	Indian Institutes of Technology
2022-23	Manish joshi	19BPE080	GATE	Indian Institutes of Technology
2022-23	Digjay Devrajbhai Maniya	19BPE032	GATE	Indian Institutes of Technology
2022-23	Nitirajsinh Arjunsinh Chauhan	19BPE096	GATE	Indian Institutes of Technology
2022-23	Shivang Bodhanwala		GATE	Indian Institutes of Technology
2022-23	Patel Parth Vijaykumar	19BPE099	GATE	Indian Institutes of Technology
2022-23	Amit Parmar	19BPE008	GATE	Indian Institutes of Technology
2022-23	Piyush agarwal	20BPE044	GATE	Indian Institutes of Technology
2022-23	Krutarthsinh Mahendrakumar Tadvi	19BPE071	GATE	Indian Institutes of Technology
2022-23	Ayush Katyare	19BPE017	GATE	Indian Institutes of Technology
2022-23	Patel Shreyaskumar V	19BPE121	GATE	Indian Institutes of Technology
2022-23	MRUNAL ANILBHAI VANKAR	20BPE087	GATE	Indian Institutes of Technology
2022-23	Harsh Patni	20BPE131D	GATE	Indian Institutes of Technology
2022-23	Jatin Panchal	20BPE111	GATE	Indian Institutes of Technology
2022-23	Vraj patel	20BPE007	GATE	Indian Institutes of Technology
2022-23	Dipesh Patel	19BPE035	GATE	Indian Institutes of Technology
2022-23	Parth Patadiya	19BPE158D	GATE	Indian Institutes of Technology

2. In Petroleum Engineering GATE 2022-23 , Mr. Karigar Mohammadtaukir received 1st All India Rank and Mr. Baraiya Bhumikkumar received 2nd All India Rank.
3. Nehal Khetadni received Economic Times Campus Star award in March 2021.
4. Dipesh patel and Nisarg Patel received 1st Prize in paper presentation competition in IADC HSE & Sustainability Conference on 27 November, 2021.
5. Ayush Katyare received 2nd prize in paper presentation competition in IADC HSE &

- Sustainability Conference on 27 November, 2021.
6. Nandan Radadiya received 3rd prize in Video Making Competition in IADC HSE & Sustainability Conference on 27 November, 2021.
 7. Raj Kothiya received 3rd Prize in Video Making Competition in IADC HSE & Sustainability Conference on 27 November, 2021.
 8. Parag Bhoraniya and Yashpalsinh Dayma of 2017 batch received 1st prize in a technical competition at the IPTC, hosted at Saudi Arabia from the 11-15th Jan 2020.
 9. Mr. Dhairya Varanava from SPT, PDPU receiving the student excellence award in APGCE 2019, Malaysia.
 10. PDPU FIPI Student Chapter has been awarded the 2021 “**Outstanding Student Chapter Award (OSC)**” by FIPI.
 11. Het Vijaykumar Patel, B.Tech – Petroleum Engineering Student received the Certificate of Participation in International Student Exchange 2019 in Curtin University, Dubai.
 12. Nandan Radadiya, B.Tech – Petroleum Engineering Student has successfully completed in Covid – 19 Contact Tracing in Johns Hopkins University.
 13. Pranay Narendra Patel, B.Tech – Petroleum Engineering Student has successfully completed with honors in Social Psychology by Wesleyan university.
 14. Het Patel B.Tech – Petroleum Engineering Student certificate of Army Wing in NCC.
 15. Mousumi Nandi, B.Tech – Petroleum Engineering Student Certificate in participation in Petrobowl, SPE
 16. Tanzim Thobhani, B.Tech – Petroleum Engineering Student has successfully participated in the Harvard US-India Initiative Conference 2020 held at Taj Mahal Palace, Mumbai from 3rd – 4th January in 2020.
 17. PDPU SPE Student Chapter has been awarded the 2018 “**Outstanding Student Chapter Award (OSC)**” by Society of Petroleum Engineers (SPE) International.
 18. PDPU SPE Student Chapter has been awarded the 2017 “**Outstanding Student Chapter Award (OSC)**” by Society of Petroleum Engineers (SPE) International.
 19. PDPU SPE Student Chapter has been awarded the 2016 “**Outstanding Student Chapter Award (OSC)**” by Society of Petroleum Engineers (SPE) International.

2. National / International Faculty Publications

Name of Faculty	No. of Scopus Indexed Papers in Year 2021-2023	Total Scopus Articles
Dr. Anirbid Sircar	58	120
Dr. Uttam Bhui	12	30
Dr. Bhawanisingh Desai	14	38
Dr. R K Vij	18	23
Dr. Ranjan Sengupta	-	-
Dr. P. Sivakumar	35	109
Dr. Achinta Bera	22	64
Dr. Rohit Srivastava	8	28
Dr. Lakshmana Rao Jeeru	12	16
Dr. N Madhavan	-	-
Dr. Hari Sreenivasan	13	17
Dr. Amit Verma	19	48
Dr. Maunish Shah	6	12
Dr. Balasubramanian Ragunathan	4	12
Dr. Vivek Ramalingam	4	7
Dr. Paul Naveen	5	18
Dr. Shanker Krishna	13	19
Dr. Namrata Bist Rawat	34	36
Mr. Gaurav Hazarika	2	2

3. Books or Book Chapters

Name of the teacher	Title of the book/chapters published	Year of publication	ISBN/ISSN number of the proceeding	Affiliating Institute at the time of publication	Name of the publisher
Bhawanisingh G Desai	Taphonomic Pathways for the Formation of Bioturbated Cycles in the Early Cretaceous Wave-Dominated Deltaic Environment: Ghuneri Member, Kachchh Basin, India	2021	978-3-030-71370-6	Petroleum EngineeringP andit Deendayal Energy University	Lecture Notes in Electrical Engineering, vol 784
ANIRBID B SIRCAR	Role of Natural Gas in Energy Security and Climate Change	2022	978-3-030-94394-3	Petroleum EngineeringP andit Deendayal	Nanosensors for Smart Agriculture, Elsevier

	Mitigation: Indian Context			Energy University	
Dr. Uttam Bhui	Macromolecular Characterization of Hydrocarbons for Sustainable Future. Applications to Hydrocarbon Value Chain.	2021	978-981-336-132-4	Petroleum Engineering Pandit Deendayal Energy University	Springer
Prof. Anirbid Sircar and Dr. Chandan Sahu	Natural Gas Hydrates: Energy Locked in Cages	2022	978-981-16-4505-1	Petroleum Engineering Pandit Deendayal Energy University	Machine Vision for Industry 4.0, IEOM Proceedings, IEOM Society
Dr. Achinta Bera	Applications of magnetic nanop Book Chapterss in thermal enhanced oil recovery	2022	978-0-12-822998-9	Petroleum EngineeringP andit Deendayal Energy University	Nanotechnology for CO2 Utilization in Oilfield Applications
Dr. Pawan Gupta	Rheological characterization of nanofluids	2022	97803239 05404	Petroleum EngineeringP andit Deendayal Energy University	Artificial Intelligence for Signal Processing and Wireless Communication, Abhinav Sharma, Arpit Jain, Ashwini Kumar Arya and Mangey Ram, De Gruyter 2022
Dr. Namrata Bist Rawat	Geothermal energy from abandoned oil and gas wells in India	2022	97803239 06166	Petroleum EngineeringP andit Deendayal Energy University	Future of Media Education, Prof. Upendra Padhi & Institute of Media Studies
Dr. Namrata Bist Rawat	Exploration techniques for the identification of thermal potential zones	2022	97803239 06166	Petroleum EngineeringP andit Deendayal Energy University	Nanotechnology for CO2 Utilization in Oilfield Applications
Dr. Pawan Gupta	Solid CO ₂ storage by hydrate-based geo sequestration	2022	97803239 05404	Petroleum EngineeringP andit Deendayal	India II: Climate Change Impacts, Mitigation and Adaptation in Developing Countries,

				Energy University	Md. Nazrul Islam, André van Amstel, Springer
Dr. Namrata Bist Rawat	Role of Natural Gas in Energy Security 2 and Climate Change Mitigation: Indian 3 Context	2022	2352-0698	Petroleum Engineering PDEU	Industrial Wastewater Treatment Emerging Technologies for Sustainability
Dr. Namrata Bist Rawat	Recent Trends in Natural Gas and City Gas Distribution Network	2022	9781032304281	Petroleum EngineeringP andit Deendayal Energy University	Security and Privacy-Preserving Techniques in Wireless Robotics

4. Patent

Sr No	Name of the Patenter	Patent Number	Title of the patent	Year of Award of patent	Type of IPR
1	Dr. Bhawanisingh Desai	336295-001	Sediment Core Sampling Tool	02-05-2021	Design
2	Dr. Bhawanisingh Desai	336295-003	Sediment Core Retrieving Apparatus	09-09-2022	Design
3	Dr. Bhawanisingh Desai	336295-002	Sediment Core sampling tool	07-09-2021	Design
4	Dr. R. Balasubramanian, Dr. R. Vivek,	347169-004	Walker with Foldable Chair	21-09-2021	Design
5	Dr. Anirbid, Dr. Kriti, Ms. Namrata	337202-001	Desktop Touch Free Sanitizer Dispenser	02-12-2021	Design
6	Namrata Bist	347015-001	Touch Free Water Can Pump	18-08-2021	Design
7	Kriti Yadav, P. Jayakumar	347020-001	Non-Contact Infrared Thermometer with Remote Bluetooth Display	24-08-2021	Design
8	Anirbid Sircar, Dhaval Rajyaguru,	347019-001	Hot Water Dispensing Device for 20 Litres Water Can with emperature Display	25-08-2021	Design

9	Dr. Anirbid Sircar, Dr. Kriti Yadav	342130-001	Trolley for Aircraft Wheel Chocks	05-07-2021	Design
10	PDEU, Anirbid Sircar, Namrata Bist, Kriti Yadav	356067-001	Rescue Jacket with Adjustable Overhead Search Light	03-03-2022	Design
11	Pandit Deendayal Energy University, Dr. Rohit Srivastava	347171-001	Photo Catalytic Hydrogen Generator with Storage Device	13-05-2022	Design
12	PDEU , Tarun Shah, Dr. Manan Shah , Mr. Mitul H. Prajapati, Anirbid Sircar	202221000358	Solar Geo Thermal Hybrid Desalination System	11-02-2022	Patent
13	PDEU, Tarun Shah , Dr. Anirbid Sircar , Dr. Kirti Yadav , Namrata Bist	202221000360	Wearable Search Light for Rescue Operation	25-02-2022	Patent
14	Dr. Anirbid Sircar, Dr. Kriti Yadav	27435/2021- CO/L	"City Gas Network Simulation Using Numerical Network"	12-11-2021	Copyrights
15	Dr. Anirbid Sircar, Dr. Kriti Yadav, Mrs. Namrata Bist	27438/2021- CO/L	Space Heating and Cooling System at Dholera	12-11-2021	Copyrights
16	Dr. Anirbid Sircar, Dr. Kriti Yadav, Mrs. Namrata Bist	27439/2021- CO/L	Direct and Indirect Applications of Geothermal Energy"	12-11-2021	Copyrights
17	Dr. Anirbid Sircar, Mrs. Namrata Bist	27442/2021- CO/L	Hybrid Solar Geothermal	12-11-2021	Copyrights
18	Dr. Ragunathan Balasubramanian	27443/2021- CO/L	Optimization and Kinetic Studies of Production of Biodiesel from Industrial Wastes	12-11-2021	Copyrights
19	Prof. Anirbid Sircar	480409	Drilled Hole Depth Gauge	11-12-2023	Process Patent
20	Dr. Namrata Bist Rawat and Prof. Anirbid Sircar	495891	Hybridization of Green Energies for power generation	08-01-2024	Process Patent
21	Dr. Bhawanisingh Desai	202221064511	Valve Mediated, Hand Held, Soft Sediment Core retriever	09-12-2022	Product Patent
22	Dr. B.G. Desai	331082-00	Valve	29-12-2020	Design

23	Dr. Bhawanisingh Desai	202221072473	A Portable Solar Powered Rear Parking Assistance To Facilitate Loading And Unloading Of Material	06-01-2023	Product Patent
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5. Technical and Cultural Activities

Sl. No.	Event	Date	Chapter Involved
1	Food Donation Drive	2nd Sep 2022	FIPI
2	All In Gate	17th Sep 2022	FIPI
3	Introductory Session	12th Oct, 2022	FIPI
4	Bingeracers Arena 2.0	2nd Nov 2022 to 7th Nov 2022	FIPI
5	ABCD	15th Dec 2022	FIPI
6	Webinar On Decline Curve Analysis Using Python	17th Dec 2022	FIPI
7	Webinar On New Oil in Old Oil Industry	18th Dec 2022	FIPI
8	Webinar On Deepwater Drilling Practices	27th Dec 2022	FIPI
9	Webinar On Fire Safety	29th Dec 2022	FIPI
10	If Pages Could Talk	28th Dec 2022 to 8th Jan 2023	FIPI
11	Portraire	28th Dec 2022 to 8th Jan 2023	FIPI
12	Petrocature	28th Dec 2022 to 8th Jan 2023	FIPI
13	Geoswot	11th Jan 2023	FIPI
14	Paheli	12th Jan 2023	FIPI
15	Webinar On Basics of oilfield cementing Engineering	13th Jan 2023	FIPI
16	Interntalk	28th Mar 2023	FIPI, SPE, SEG SPG EAGE, IADC PDEU SCs
20	WIZWORDS: A Crossword Competition	1st February 2022	SPE
21	PerSPEctive: A live Interaction session	2nd February 2022	SPE
22	Social Initiative- Tree plantation drive	3rd February 2022	SPE
23	SPEctation	4th February 2022	SPE
24	Guest Lecture by Mrs. Yogashree Pradhan	5th February 2022	SPE
25	13th Annual Ceremony	19th April 2022	SPE
26	PetroBowl: Annual	18th June 2022	SPE
27	quiz competition		
28	SPE Ambassador Lecture- Mr Mani Bansal (Reservoir Engineer IRS, ONGC,Ahmedabad)	20th May 2022	SPE

29	PerSPEctive -Mr Hesham Zubari (SPE Regional Director for MENA at SPE International)	3rd July 2022	SPE
30	SPE Week 20.0 – Envision -Workshop on Stress Management in Corporate World by	17th August 2022	SPE
31	Mr. Ajay Datt & Ms. Purva Sharma		
32	Quantize: Aptitude & Technical Quiz Competition	16th August 2022	SPE
33	Prose Pros- Essay Writing Competition	18th August 2022	SPE
34	Colloquium: Group Discussion	19th August 2022	SPE
35	Interviewopolis: Mock	20th August 2022	SPE
36	Personal Interviews		
37	SPEcares :Cleanliness Drive	21st August 2022	SPE
38	PDEU SPE FEST DAY 1	11th November 2022	SPE
39	PDEU SPE FEST DAY 2	12th November 2022	SPE
40	PDEU SPE FEST DAY 3	13th November 2022	SPE
41	Applications of Machine Learning in E&P - Series 1	16th to 20th of August 2021	FIPI
42	Applications of Machine Learning in E&P - Series 2	30th Aug to 3rd Sep 2021	FIPI
43	International Webinar Series for the Branch of Russian State University of Oil and Gas named after I.M. Gubkin in Tashkent, Republic of Uzbekistan	20th Sep 2021 to 24th Sep 2021	FIPI
44	Application of Machine Learning in E&P Workshop	11th Aug, 2021 to 25th Aug, 2021	FIPI
45	Well Logging Workshop	11th Apr, 2022 to 16th Apr, 2022	FIPI
46	A Field Aspects of MWD-LWD Drilling Services Webinar	14th Oct, 2021	FIPI
47	tNavigator Software Workshop	3rd Mar, 2022 to 4th Mar, 2022	FIPI
48	Demystifying Digitalization: Career in Oil & Gas Webinar	7th Jan, 2022	FIPI
49	Investors Meet	6th August, 2021	SPE
50	Finding your fit in the evolving energy industry	29-Apr-21	SPE
51	Well completion and stimulation technology Webinar	16-Jun-21	SPE
52	Reservoir engineering aspects of waterflooding	22-Jul-21	SPE
53	Workshop on Remote Interviews	09-Aug-21	SPE
54	Aspects of drilling problems: Causes and Remedies	08-Oct-21	SPE
55	Production optimization using field measurements in AL wells	12-Oct-21	SPE
56	Transportation of hydrocarbons through pipelines	12-Nov-21	SPE

57	Are government policies consistent with India's energy security	11-Nov-21	SPE
58	Cement slurry design and their application Webinar	09-Jan-22	SPE
59	Optimizing water fluid management to improve oil production in carbonate reservoirs via stream line study	22-Jan-22	SPE
60	The Role of natural gas in energy transition	02-Feb-22	SPE
61	Reservoir engineering diagnostic in unconventional	05-Feb-22	SPE
62	Road to skills enhancement	20-May-22	SPE
63	Challenges facing O&G towards net zero and the way forward	03-Jun-22	SPE
64	TechnoAltar Researchers' Quest 7.0	21st to 22nd April, 2023	FIPI
65	Valedictory Ceremony	4th May, 2023	FIPI
66	Topper Talks with AIR 2	17th June, 2023	FIPI
67	One-Day Workshop on "Footsteps to Data Science Using Python"	15th July, 2023	FIPI
68	Two Days Workshop on "Geomechanics In A Nutshell"	17th & 18th July, 2023	FIPI
69	Campus to Company Week	31st July to 4th August, 2023	FIPI
70	One-Day Workshop on "Carbon Capturing Utilization & Storage"	14th October, 2023	FIPI
71	Guest Lecture on EOR Technologies via Microfluidics	14th December, 2023	FIPI
72	Friendly Battle	6th January, 2024	FIPI
73	JEEVDAYA Animal Trust	20th January.2024	FIPI
74	SPE Anniversary	23th February 2023	SPE
75	SPE Annual Ceremony	29th March 2023	SPE
76	Geothermal Month	April	CEGE , SPE
77	Guest lecture on Technology Infusion in Oil and Gas Sector	8th April 2023	SPE
78	Guest Lecture on Digital Oil Field and Transformation	28th April 2023	SPE
79	Guest Lecture on Fundamentals of Reservoir Simulation	5th September 2023	SPE
80	Guest Lecture on Hydrogen Economy	25th September 2023	SPE
81	So What (Brainstorming Session on Petrophysics)	27th October 2023	SPE
82	DST-TEC-PDEU ICOGES Conference and Hackathon	1st & 2nd November 2023	TEC, SPE
83	Guest Lecture (Fundamentals of Directional Drilling by Mr. Mehboob Ahmed Chowdhury)	18th Aug 2022	IADC
84	Virtual Lecture on (Unitized wellheads by Mr. Siddheshwar Hawanale)	30th Dec 2022	IADC

85	Virtual Lecture on (Advance cementing technologies and career prospects)	19 March 2023	IADC
86	Introductory Session for batch 23-27	4th-AUG 2023	IADC
87	Books and Clothes Donation Drive	6th-NOV 2023	IADC
88	UNLOCKING GATE 12.0 (Mock Test)	17th-NOV 2023	IADC
89	VALEDICTORY CEREMONY' 23	26th-APRIL 2023	IADC
90	Guest Lecture on "Reservoir Monitoring through RMT Tool"	26th-APRIL 2023	IADC
91	LIFE Cycle of well with Jack-up rig	11th and 13th APRIL 2023	IADC
92	WEBINAR on Unitized Wellheads	1st-January 2023	IADC
93	WEBINAR on "RESERVOIR ENGINEERING"	23rd-SEPT 2023	IADC
94	S.T.E.P. : Society Transition in Energy and Petroleum	1st-JULY 2023	IADC
97	WEBINAR on "OFFSHORE DRILLING 101"	11th-AUG 2023	IADC
98	Hire Me	19 to 20th-AUG 2023	IADC
99	Webinar on "Decoding CEOR"	6th Jan 2024	IADC
100	Campus Visit of Lars Nydahl Jorgensen	23rd oct 2023	IADC
101	Technical Session on Developments in IADC & Drilling Industry	23rd oct 2023	IADC

6. International Collaborations

1. University of Tulsa, USA
2. University of Oklahoma, USA
3. University of Houston, USA
4. Lamar University, USA
5. Southern Illinois University, USA
6. Beijing Institute of Technology, China
7. University of Western Ontario, Canada
8. Sacred Heart University, USA
9. University of Manitoba, Canada
10. Dedan Kimathi University of Technology, Kenya
11. Gubkin Russian State University of Oil and Gas, Uzbekistan
12. University of Wollongong, Australia
13. Victoria University of Wellington, New Zealand
14. Moscow State University, Russia

7. Noteworthy Visitors

Sr. No.	Name	Designation	Company	Date
1	Shri Tarun Kapoor (IAS)	Secretary, MoPNG	MoPNG	06 August 2021

2	Shri Amar Nath (IAS)	Add. Secretary(E&CVO), MoPNG	MoPNG	06 August 2021
3	Dr. S.C.L. Das (IAS)	DG, DGH	DGH	06 August 2021
4	Dr. C. Laxma Reddy	Add. DG(E), DGH	DGH	06 August 2021
5	Dr. Anand Gupta	Add. DG(D), DGH	DGH	06 August 2021
6	Smt. Mamta Verma (IAS)	Principal Secretary, EPD,GoG	GoG	06 August 2021
7	Dr. Nisarg Joshi	Add. Secretary, EPD, GoG	GoG	06 August 2021
8	Shri Subhash Kumar	CMD, ONGC	ONGC	06 August 2021
9	Shri R.K. Shrivastav	Director(E), ONGC	ONGC	06 August 2021
10	Shri Pankaj Kumar	Director (Offshore), ONGC	ONGC	06 August 2021
11	Shri H. Madhavan	Basin Manager, ONGC Baroda	ONGC	06 August 2021
12	Shri Omkar Nath Gyani	Asset Manager, ONGC Mehsana	ONGC	06 August 2021
13	Shri. Vijay Gokhale	Asset Manager, ONGC Ankleshwar	ONGC	06 August 2021
14	Shri O.P. Sinha	Head-IRS, ONGC Ahmedabad	ONGC	06 August 2021
15	Dr. J. Christopher	CGM, IOCL	IOCL	06 August 2021
16	Shri C.S. Mishra	Chairman	Oil India	06 August 2021
17	Shri Samir Biswal	Director (E), GSPC	GSPC	06 August 2021
18	Shri Uday Shankar	President, FICCI	FICCI	06 August 2021
19	Dr. K.U. Mistry	Chairman, GPCB	GPCB	06 August 2021
20	Shri Padam Singh	CEO	Sun Petro	06 August 2021
21	Shri Satyesh Bhandari	Head Exploration	Sun Petro	06 August 2021
22	Shri Sunil Rastogi	Head Production Operations	Sun Petro	06 August 2021
23	Shri Ajay Sharma	CGM	Selan	06 August 2021
24	Shri Rohit Kapur	CEO	Selan	06 August 2021

25	Shri P. K. Kulkarni	Project Director	JTI	06 August 2021
26	Shri Prachur Shah	Deputy CEO , Cairn Oil and Gas	Cairn-Vedanata	06 August 2021
27	Shri Kapil Garg	Chairman & MD	OilMax	06 August 2021
28	Shri Rabi Narayan Bastia	Company Secretary	OilMax	06 August 2021
29	Shri Ashish Khare	Head India, Assets	OilEx	06 August 2021
30	Shri P. Elango	MD, HOEC	HOEC	06 August 2021
31	Shri Pranav Kapadia	AOGO Representative	GNRL	06 August 2021
32	Shri M. Rafiq Sayeed	Director (Mining), DGMS Ahmedabad	DGMS	06 August 2021
33	Shri Arun Karle	President, Askara Group	Askara Group	06 August 2021
34	Shri Babu Bhai Chaudhary	BVishal OEL	BVishal Energy	06 August 2021
35	Shri Prem Swahney	CEO & Director	Prabha Energy	06 August 2021
36	Shri Maheshkumar Vyas	Managing Director	John Energy	06 August 2021
37	Shri Riyaz sheikh		Al-Mansoori	06 August 2021
38	Shri. Paras Shantilal Savla	CMD	Deep Industries	06 August 2021
39	Shri Jayant Malhotra	Director - Sales & Marketing	Schlumberger	06 August 2021
40	Shri Gautam Reddy		Schlumberger	06 August 2021
41	Shri Bharat Gupta	Director	Weatherford	06 August 2021
42	Shri Gaurav Arora	Business Development Manager	Halliburton	06 August 2021
43	Shri Shashank Jha	Country Manager	Baker Hughes	06 August 2021
44	Shri Narendra Jindal	Director, Operations-India	Shelf Drilling	06 August 2021
45	Shri Anwar Momin	Country HSE Manager-India	Shelf Drilling	06 August 2021
46	Shri Ved Prakash Mahawar	Ex- Director (Onshore)	ONGC	29 September 2021
47	Mrs. Nancy Shah	Public Speaking Trainer and founder of Speaker's Circle	Speaker's Circle	04 October 2021

48	Mr. Hrushikesh Vora	Production Engineer	ONGC	05 October 2021
49	Mr. Jenish Lalcheta	Executive Engineer	Sanmarg projects	05 October 2021
50	Mr. Sachin Nambiar	Asst. Executive Engineer	ONGC	05 October 2021
51	Mr. Anshul Gupta	Directional Driller	Baker Huges	05 October 2021
52	Mr. O P Sinha	Executive Director	Head-IRS, ONGC	11 November 2021
53	Mr. Zachary Evans	Reservoir Storage Manager	WSP	02 February 2022
54	Mr. Shantanu Brijesh	Senior Reservoir Engineer	Rock Flow Dynamics	03 March 2022
55	Mr. Hesham Zubari	SPE Regional Director	SPE Internation	07 March 2022
56	Shri Harshard Dayal	CGM SSM	ONGC, Mehsana Asset	17 April 2022
57	Dr. R.V. Marathe	Former Executive Director, Asset Manager	ONGC	18 April 2022
58	Shri O.P. Sinha	ED,Head of Institute IRS	ONGC	19 April 2022
59	Shri Yogesh Shukla	Ex-GGM Production	ONGC	23 April 2022
60	Shri DLN Sastri	Director	Oil Refining and Marketing	23 April 2022
61	Shri Dinesh Chandra Tiwari	Ex-Chief General Manager	ONGC	23 April 2022
62	Shri Prem Kumar Chawla	Ex-DGM,	ONGC	23 April 2022
63	Shri S.S.Sudhi	GM(P) I/C HSE	ONGC, Mehsana	23 April 2022
64	Shri Dinesh Chandra Tiwari	Ex-Chief General Manager	ONGC	23 April 2022
65	Shri Ketul Khambhayata	Drilling Performance Coordinator	Helmerich and Payne	24 April 2022
66	Shri Megh Patel	Executive Engineer(Production)	ONGC	24 April 2022
67	Shri Kautubh Raval	Reservoir engineer	ONGC	24 April 2022
68	Mr. Dheer Singh	Chief Manager(Reservoir)	ONGC	24 April 2022
69	Mr. Rutvik Dasadia	Founder and Director	Booz Electric Mobility	24 April 2022
70	Mr. Purvin Mariyankari	Director	AEIDA	24 April 2022

71	Dr. Aashish Joshi	Associate professor	Business administration department SLS	24 April 2022
72	Mr. Aakash Raval	Co-Founder	Beluga Consultancy Services	24 April 2022
73	Shri J. G. Chaturvedi	Former Executive Director	ONGC	25 April 2022
74	Shri Kharak Singh	Former President	Essar Oil	25 April 2022
75	Shri Kuldeep Rohilla	CGM-Planning Manager, Drilling Services	ONGC	25 April 2022
76	Shri Amit Kumar Desai	GGM(D)-Head Hi-Tech Drilling	ONGC	25 April 2022
77	Shri Vishnu Rawal	Head of Drilling Services, Mehsana	ONGC	25 April 2022
78	Mrs. Yogashri Pradhan	Senior Reservoir Engineer	Endeavor Energy Resources,LP	02 May 2022
79	Mr. Mani Bansal	Reservoir Engineer	ONGC	20 May 2022
80	Mr. Mehboob Ahmed Chowdhury	Assistant Professor	Dibrugarh University	18 August 2022
81	Mr. Hardik Vyas	Production Engineer	ONGC	18 October 2022
82	Mr. Med Kalam	SPE International President	SPE Internation	11 November 2022
83	Shri Amogh Chitrao	Consulting Petroleum Geologist	Independent Consultant	11 November 2022
84	Shri K.K. Jha	HOD Reservoir Engineering	MOPNG	11 November 2022
85	Shri Rahul Bali	Chairperson	SPE New Delhi Section	11 November 2022
86	Mohammad Anwar Momin	QHSE Manager	Shelf Drilling	11 November 2022
87	Prof Shaliwan Srivatava	Director	IIFE	11 November 2022
88	Dr. Milap Goud	C&MD	KNNAMP Drilling Fluid Services PVT LTD	11 December 2022
89	Sujit Mitra	GM Reservoir	ONGC	11 December 2022

90	Mr. Divyanshu Vyas	Data science researcher	Shell	17 December 2022
91	Mr. Dhaval Patel	Assistant Manager	PSA International	18 December 2022
92	Mr. Akshar Thakkar	Senior Engineer	Shell	27 December 2022
93	Mr. Jenish Lalcheta	Senior Engineer	Sanmarg Projects	29 December 2022
94	Mr. Khalid Karajagi	Fluid and Cement Engineer	North Oil Company, Qatar	13 January 2023
95	Mr. Shantnu Brajesh	Senior Reservoir Engineer	Rock Flow Dynamics	21st April 2023
96	Shri Swapnil Mishra	Project Manager	Weatherford	21st April 2023
97	Shri Lakin Naik	Lead-Control Room Operations	Cairn Oil & Gas	21st April 2023
98	Smt. Deepali Kumar	Manager Reservoir	IRS, ONGC	21st April 2023
99	Shri Amit Kulkarni	Head-Power & Utilities	L&T Technology Services	21st April 2023
100	Shri Nikhil Parmar	Founder and Director	Impactful Pitch	22nd April 2023
101	Shri Purvin Mariyankari	Director	AEIDA	22nd April 2023
102	Shri Shani Pandya	Founder & CEO	Powertree Pvt Ltd	22nd April 2023
103	Mr. Shubham Debnath	AEE Drilling	ONGC, Mehsana	4th August 2023
104	Mr. PN Naidu	ED-Head	WSS, ONGC	4th August 2023
105	Mr. Hemasundara Rao Kambala	Chief Manager (Reservoir)	IRS, ONGC	4th August 2023
106	Mr. Lars Nydahl Jorgensen	Regional Director	IADC	23 October 2023

8. Placement Details

Batch 2020-2024

Major Recruiters		
EY	Invenire	Reliance
Halliburton	McKinsey	Shell
Hike Education	Quest Global	

Batch: 2019-2023

Major Recruiters		
AG&P Pratham	Imperial Oilfield	Seros Energy
AirOil Flaregas	IRM Energy	Shelf Drilling
Allied Engineers	OIL	Shell
Cognizant	ONGC	TCS
Halliburton	Reliance	Torrent
HLS Asia	RV Group	
Hindustan Unilever Limited	Sabarmati	

Batch: 2018-2022

Major Recruiters	
Alfa Pump	Allied Engineers
Amrut Energy	Bhagnagar Gas Ltd
Byju's	Evosys
Excel Technical & Industrial Supplies LLC	Extramarks
IOAGPL	IRM Energy
ITC Limited	John Energy
L&T Infotech	Manpower Group
Nayara Energy	Oil India Ltd
Reliance Industries	Sabarmati Gas Ltd
Shell	SNF Flopam India Pvt Ltd
Spectra Fuels	Stering Oil Group
TCS	Tech Sci Research
Torchit	Torrent Gas

Batch: 2017-2021

ExxonMobil	Excel Technical & Industrial Supplies LLC
Eshia Solutions	Shell
Total Energies	Wipro
Databeat	Sabarmati Gas
EY	Adani Gas
Cognizant	iEnergy Digital
Infosys ECS	Evosys
Infosys	Hansa India
TCS	Torrent Gas

Oilex India	Airoil Flaregas
John Energy	

Batch: 2016-2020

Sr.No.	Major Recruiters
Petroleum Upstream	Hansa Group
	Federal Bank
	Wipro
	Unschool
	Shell Business Operations
	Infosys
	TCS
Petroleum Downstream	Sabarmati Gas
	Adani Gas
	Torrent Gas
	Infosys
	Nayara Energy
	TCS

Batch:2015-2019

Sr.No.	Major Recruiters
	ExxonMobil
	Protiviti
	Shell Business Operations
	ONGC

Petroleum Upstream	Reliance Industries
	L&T Technology Services
	Infosys
	L&T Infotech
Petroleum Downstream	ONGC
	Infosys
	Torrent Gas
	Gujarat Gas
	Sabarmati Gas
	L&T
	S&P Global
	Nyara Energy
	L&T Technology Services
	L&T Infotech

Batch:2014-2018

Sr.No.	Major Recruiters
Petroleum Upstream	ExxonMobil
	ONGC
	L&T Technology Services
	Infosys
	L&T Infotech
	ONGC

Petroleum Downstream	Infosys
	Gujarat Gas
	IRM Energy
	L&T Technology Services
	L&T Infotech
	Nirma
	Byju's
	Mahesh Gas

8. Highest and Lowest Salary Offered

Batch	Highest Salary	Lowest Salary
2020-24	25 LPA	4.25 LPA
2019-23	23.61 LPA	2.54 LPA
2018-22	18 LPA	2.4 LPA
2017-21	10.81 LPA	2.49 LPA
2016-20	Rs.11 LPA	Rs.1.68 LPA
2015-19	Rs.19.20 LPA	Rs.1.80 LPA

ANNEXURE-5


Faculties of School Of Petroleum Technology


S.No.	Name of the Faculty	Research Area
Director and Professor		
1	Prof (Dr.) Anirbid Sircar	Geothermal Exploration & Exploitation, City Gas Distribution, Seismic Interpretation, Reservoir Characterization, Probabilistic Resource Analysis, Integrated Reservoir Management Field Development, Asset management etc.
Professor in Practice		
2	Dr. Rakesh Kumar Vij	Petroleum Engineering, Reservoir Management, Enhanced Oil Recovery and Asset Management
Associate Professor		
3	Dr. Bhawani Singh G Desai	Applications of Ichnology and Sequence Stratigraphy for reservoir strategy
4	Dr. Uttam Kumar Bhui	Clay mineralogy and low temperature geochemistry, Petroleum system and Basin Modelling, Reservoir Modelling
5	Dr. Siva Kumar P	Petroleum Downstream Processing; Petrochemical Engineering; Biofuels; NanoTechnology; Catalysis; Cracking
Assistant Professor/Lecturer		
6	Dr. N Madhavan	Economics of Ecosystem and Biodiversity, Application of environmental indicators, Biomonitoring, DiversityIndex
7	Dr. Hari S	Offshore platform design and riser analysis; Sonic and shock wave enhanced oil recovery; Petroleum production engineering; Functionally Graded Materials for Oil and Gas Applications
8	Dr. Achinta Bera	Reservoir Characterization and Modeling, Enhanced Oil Recovery, Unconventional Energy Resources, Colloids & Interface Science, Ionic Liquids, Nanotechnology in Oil and Gas, Drilling Fluids & Cementing, CO2 Sequestration, Polymer Gel Systems for Water Shut-off, Flow Assurance
9	Dr. Amit Verma	Hydraulic Fracturing, Drilling, Foam Fluid, Rheology, Colloids and Interfaces, Numerical Modelling and Petroleum Data Analytics

10	Dr. Maunish Shah	Hydraulic Fracturing, Phase Changing Material (PCM)& its applications, Drilling Technology
11	Dr Balasubramanian Ragunathan	Petroleum Refinery Engineering, Petrochemicals, Fluid Mechanics, Heat and Mass Transfer, Transport Phenomena, Petroleum Process Unit Operations, Health, Safety and Environment, Natural Gas processing and Surface Production Operations
12	Dr. Lakshmana Rao Jeeru	Petroleum Down Stream Processing, Petroleum Refinery Engineering, Petrochemical Technology, Oil and Gas Processing Plant Design, Unit Operations of Oil and Gas Production, Natural Gas Hydrates, Heterogeneous Catalysis, Kinetic Modelling of Homogeneous and Heterogeneous Reactions, Transport Phenomena, Material and Energy Balances of Gas and Oil Processing Plants, Thermodynamics for Petroleum Engineers, Alternative Fuels, Separation Technology, Unit Operations and Unit Processes, Organic and Inorganic Chemical Technology, Environmental Studies, Industrial Pollution Control, etc.
13	Dr. Paul Naveen	Unconventional resources technology, Carbon capture utilization and storage (CCUS), Coring analysis, and Reservoir modelling & simulation
14	Dr. Rohit Srivastava	In 21st century, the major challenges facing scientific community is to search an alternatives of energy resources. The main objective of my research is to design and developed novel catalysis for energy applications. My areas of research interest include: Functional Nano-materials, Electro/photo-chemical Technology, Energy Storage & Conversion and Bio-physical Chemistry.
15	Dr. Shanker Krishna	Anisotropy and Fractures in Materials, Exploration Geophysics, Geomechanics, Non-Destructive Evaluation, Pipeline Engineering, Drilling and Production Engineering, Reservoir Engineering and Management, Rock Physics
16	Dr. Vivek Ramalingam	Reservoir Engineering and Simulation; Multiphase Fluid Flow in Porous Media; Hysteresis Relative Permeability Modeling;
17	Mr. Gaurav Hazarika	Drilling Engineering, Reservoir Engineering, Enhanced oil Recovery, Petroleum Production Engineering, Matrix Acidization, Well Testing Analysis
18	Dr. Namrata Bist Rawat	Production Engineering, City Gas Distribution, Natural Gas Engineering, LNG, Artificial lift technology, Renewable Energy, Hydraulic fracturing, HF fluid, Applications of Petroleum Engineering in Software domain


Distinguished Invited Faculties & ChairProfessor

19	Prof.Shrinivas Palanki	Chemical Engineering, Process Plant Simulation
20	Prof.Abhijeet Dandekar	Petroleum Engineering, FlowAssurance, Wax Modelling
21	Prof.Subhash Shah	Hydraulic Fracturing, Drilling, Horizontal/Multilateral well completions /stimulation and coiled tubing technology
22	Prof.Ranjan Sengupta	Mathematical Modeling, Materials Science, Chemical Engineering, and Nanomaterials.
23	Mr. Dinesh Kumar Tewari	Reservoir Engineering
24	Mr. Prem Kumar Chawla	Well Logging
25	Mr. Aditya kumar Mishra	Drilling
26	Prof.Hazim Abass	Well Stimulation
27	Dr. Rajendra Marathe	Reservoir Modelling and Simulation

Name of Teaching Staff	Dr. Anirbid Sircar			
Designation	Professor & Director			
Department				
Date of Joining the Institution	12 th July 2010			
Qualifications with Class/Grade	UG	PG	Ph.D.	
	5 Years Integrated M. Sc in Exploration Geophysics(1 st Class)	M.Tech in Petroleum (1 st Class) First	Reservoir Tomography	
Total Experience in Years	Teaching	Industry	Research	
	14	14	28	
Papers Published	National/ International	120		
Papers Presented in Conference	National	32	Internal	1
Ph.D Guide/ Give Field & University	Field	Petroleum, Geothermal Energy	University	ISM Dhanbad
PhDs/Projects Guided	PhDs	11 Completed 4 Ongoing	Projects at Master Level	37
Books Published/IPRs	9 Books Published, 7 Design Patent Published/Granted, 3 Process Patent Granted			
Professional Memberships	AEG/SEG/SPE			
Consultancy Activities	13			
Awards	<ul style="list-style-type: none"> • Institute Gold Medal (ISM Dhanbad) • Marquis Who is Who Award • Indira Gandhi Shiromani Award • Recognised by MHRD as a Subject Expert in Petroleum Geology (Epathshala) • Bharat Vikash Award for Geothermal Energy, 2017 • Received the certificate of recognition from the Academic Council of Ulektz as one of the Top 50 Expert faculties in the field of Chemical/Biomedical/Marine/Petroleum and Textile Engineering across India for the year 2019. 			
Grant Fetched	<ul style="list-style-type: none"> • Rs 20 Crore for Centre of Excellence for Geothermal Energy • Rs 6 Lakh for Two International Conference on Geothermal Energy • Rs 49.68 Lakhs– GSPC–GERMI • Rs 12 Lakhs –INDO-US Department of Science & Technology • Rs 15 Lakhs– OIBD • Rs. 3.36 Crore from DST on Project TEC • Rs. 60 lakh from Climate Change Department, GOG 			
Interaction with Professional Institution	ONGC Energy Centre, Gujarat Gas, Shell Hazira LNG, Adani, Gujarat Gas, DGH, ONGC, OIL, Essar, Schlumberger, Halliburton, Weatherford etc.			


Name of Teaching Staff	Dr. Rakesh Kumar Vij			
Designation	Professor of Practice in Petroleum Engineering			
Department	School of Petroleum Technology			
Date of Joining the Institution	01.02.2019			
Qualifications with grade/class	UG	PG	Ph.D.	
	M.Sc (Chemistry, DBS College, Garhwal University), 1977	M.Phil (Chemistry, Delhi University, Delhi), 1979	Ph.D (Petroleum Engineering), Dibrugarh University, 2016.	
Total Experience in Years	Teaching	Industry	Research	
	7	38+	15 years	
Papers Published	National / International	13		
Papers Presented in Conference	National / International	15	International	
Ph.D Guide/ Give Field & University	Field	Petroleum Engineering	University	PDPU
PhDs / Projects Guided	PhDs	2 (Ongoing)	Projects at Master Level	5+
Books Published / IPRs	4 Patents			
Professional Memberships	SPE, EAGE, SPG			
Consultancy Activities	Have done consultancies worth 1.3 crores			
Awards	Received Award from Honourable President of India, Vice- President of India, CMD-ONGC for Outstanding Contribution to Oil & Gas Industry of India.			


<p style="text-align: center;">Grant Fetched</p>	<p>Have done Various consultancy projects Consultancy Projects worth more than 1 crores</p> <p>1. Detailed Analysis of ONGC Videsh Limited's (OM) Overseas Investments, P.I. Dr. R. K. Vij, Co-investigator Dr. Asit B. Acharya, Funding Agency: NITI Aayog, Gol Amount Sanctioned: INR 24,92,160, Duration: 24-07-2019 to 21-01-2021</p> <p>2. Screening Study for implementing ER methods, P.I. Dr. R. K. Vij, Co-investigator Dr, Jatin Agarwal, Funding Agency: Hindustan Oil Exploration Company, Amount Sanctioned: INR 17,70,000, Duration: 21-06-2019 to 16-07-2020</p> <p>3. Screening Study for implementing ER methods, P.I. Dr. R. K. Vij, Co-investigator Dr, Jatin Agarwal, Funding Agency: GSPC, Amount Sanctioned: INR 18,00,000, Duration:20-10-2019 to 30-10-2019</p> <p>4. Screening Study for implementing ER methods, P.I. Dr. R. K. Vij, Co-investigator Dr, Jatin Agarwal, Funding Agency: OILEX, Amount Sanctioned: INR 7,00,000 Duration: 03-03-2020 to Jan, 2021</p>
<p style="text-align: center;">Interaction with Professional Institution</p>	<p>ONGC, JTI Inc, OILEX, GSPC, ISM Dhanbad, HOEC, NITI Ayog, DGH</p>


Name of Teaching Staff	Dr. Uttam Kumar Bhui			
Designation	Associate Professor & Head			
Department	Department of Petroleum Engineering			
Date of Joining the Institution	20 th October 2008			
Qualifications with Class/Grade	UG	PG	Ph.D.	
	B.Sc. (Hons.) in Geology with Distinction (1990) Jadavpur University	M.Sc in Applied Geology (1in order of merit,1992) J.U.	Awarded in Science (1999) Jadavpur University	
Total Experience in Years	Teaching	Industry	Research	
	21	3.5	5 (Doctoral+Post Doct.)	
Papers Published	National/ International	28		
Papers Presented in Conference	National/ International	60		
Ph. D Guide/ Give Field & University	Field	Petroleum Geoscience & Engg	University	PDPU
PhDs/Projects Guided	PhDs	05(Completed) 06(Ongoing)	Projects at Master Level	31(C) + 1 (G)
Books Published/IPRs	1 +1 IPR			
Professional Memberships	Member –EAGE, SEG; Society of Materials Chemistry Electron Microscopy Society of India, Indian Association for Cultivation of Science, SPE. AAPG			
Consultancy Activities	-			
Awards	<ul style="list-style-type: none"> • Awarded with SEG Summit Level Student Chapter Faculty mentor (as SEG Student Chapter-PDPU awarded with Summit level Student Chapter for 2018 under the mentorship of myself) at SEG Annual Meeting held 2018. • Awarded with SEG Summit Level Student Chapter Faculty mentor (as SEG Student Chapter-PDPU awarded with Summit level Student Chapter for 2017 under the mentorship of myself) on September' 2017 at SEG Annual Meeting held 24th to 29th September' 2017 in Houston • Awarded with SEG Best Student Chapter Faculty Advisor-2016 (as SEG Student Chapter-PDPU awarded with Best Student Chapter for 2016 under the mentorship of myself) and received a travel grant of \$5,000 for faculty mentor and one active student member at SEG Annual Meeting held in Dallas. • Awarded with SEG Summit Level Student Chapter Faculty mentor (as SEG Student Chapter-PDPU awarded with Summit level Student Chapter for 2015 under the mentorship of myself) on 21st October' 2015 at SEG Annual Meeting held in New Orleans, Louisiana. • Awarded Post Doctoral Research project (as P. I.) under the scheme of 			


	<p>SERCYS program by the Department of Science and Technology (DST), Government of India in 1999. • Awarded for Junior Research Fellowship and eligibility for Lecturership by Council for Scientific and Industrial Research (CSIR) in joint CSIR-UGC National Level Test (Masters Level), 1993.</p> <ul style="list-style-type: none"> • Awarded for Junior Research Fellowship and eligibility for Lecturership by University Grants Commission (UGC) in joint CSIR-UGC National Level Test (Masters Level), 1992. • Awarded the University Medal for standing First in order of merit in Applied Geology in the M. Sc. Examination, 1992. • Awarded the Pramathanath Bose Memorial Bronze Medal for standing First in order of merit in Applied Geology in the M. Sc. Examination, 1992. • Secured 77.08 percentile in GATE '92 Examination for admission to the post graduate programmes with scholarship. • First class honors with distinction in Subsidiary subjects in B. Sc. (Final) Examination, 1990. • Recipient of National Scholarship of Ministry of Human Resource Development, Government of India, during the period 1990 - 1992. • Recipient of National Scholarship of Ministry of Education, Government of India, during the period 1985 - 1990.
Grant Fetched	<ul style="list-style-type: none"> • Rs 19 Lakhs from Department of Science & Technology • 30 Lakhs from BRNS • 18 Lakhs from DGH
	<ul style="list-style-type: none"> • Rs 3.35 Lakhs by DST in DST-DAAD Program
Interaction with Professional Institution	<ul style="list-style-type: none"> • Professional Institutes: •Institute of Reservoir Studies, Oil and Natural Gas Corporation Limited Ahmedabad, * Geological Survey of India, Kolkata. * Bhabha Atomic Reserach Centre (BARC), Mumbai Scientist and Professional from Institutes and Organizations: Dr. Sudip Bhattacharyya, Director, Natural Energy Resources, Mission-IIB, Geological Survey of India, Kolkata, • Dr. Joydeep Ghosh, Institute for Plasma Research, Bhat, Gandhinagar, India * Prof. Pulak Sengupta, Department of Geological Sciences, Jadavpur University, Kolkata, West Bengal, India. • Dr. Samir Kumar Pal, and Dr. Rajib Kumar Mitra, Department of Chemical, Biological & Macromolecular Sciences, S. N. Bose National Centre for Basic Sciences, Salt Lake Kolkata, West Bengal, India. • Dr. Suryendu Dutta, Department of Earth Sciences, Indian Institute of Technology, Bombay, Mumbai, India • Dr. Manish Mishra, Dharmsinh Desai University, Nadiad, Gujarat, India • Dr. B. D. Singh, Birbal Sahni Institute of Palaeobotany, Lucknow, U.P, India. • Dr. Indra Sekhar Sen, Indian Institute of Technology, Kanpur, India. • Dr. Upama Dutta, Indian School of Mines, Dhanbad, India • Dr. Dayanand Saini, Department of Physics & Engineering, California State University, Bakersfield, 63 SCI, 9001 Stockdale Highway, Bakersfield, CA, 93311, USA * Dr. Harshala Parab, Scientific Officer (E), Analytical Chemistry Division, Bhabha Atomic Research Centre Mumbai 400 085, India

Name of Teaching Staff	Dr. Bhawanisingh G. Desai			
Designation	Associate Professor & Dean R&D			
Department	Petroleum Engineering			
Date of Joining the Institution	07 th August 2007			
Qualifications with Class/Grade	UG	PG	Ph.D.	
	B.Sc (Geology)–I	M.Sc (Geology)–I	Geology	
Total Experience in Years	Teaching	Industry	Research	
	20	-	25	
Papers Published	National/ International	58		
Papers Presented in Conference	National/ International	48		
Ph.D Guide/ Give Field & University	Field	Geology	University	PDPU
PhDs/Projects Guided	PhDs	04(Completed) 04(Ongoing)	Projects at Master Level	32(C) + 1 (G)
Books Published/IPRs	IPRs -06			
Professional Memberships	<ul style="list-style-type: none"> • Life Member: Geological Society of India Life • Member Gondwana Geological Society Member • International Ichnological Association Member • International Association of Sedimentology • Member: SEPM Society of Sedimentary Geology • Member: The society of Earth Scientist • Member: Journal of Himalayan Geology • Member: Paleontological Society of India • Society of Petroleum Engineering (SPE) 			
Consultancy Activities	01			
Awards	<ul style="list-style-type: none"> • UGC–CSIRNET Qualified • DST Fast Track Project • CSIR–Senior Research Fellowship 			
Grant Fetched	<ul style="list-style-type: none"> • 1.207 million–DST FastTrack • 2.400 million DST- RFBR • 1.442 million–DSTSERC • 16 million DST- SERB • 1.8 million DGH, GOI • 4.968 million–GSPC-GERMI • 2.400 million– DST–RFBR International Division 			
Interaction with Professional Institution	Actively involved in scientists of following institutes 1) Wadia Institute of Himalayan Geology, Dehradun 2) Agarkar Research Institute, Pune 3) Wadia College, Pune 4) Birbal Sahani Institute of Paleobotany, Lucknow. 5) KSKV Kachchh University, Kachchh, SPE, AAPG, ONGC, DGH			


Name of Teaching Staff	Dr. N Madhavan			
Designation	Assistant Professor			
Department	Petroleum Engineering			
Date of Joining the Institution	29 th September 2010			
Qualifications with Class/Grade	UG	PG	Ph.D.	
	Geology/II Class	Applied Geology (1 st Class)	Soil & Ground water (Geochemistry) Awarded	
Total Experience in Years	Teaching	Industry	Research	
	07	-	17	
Papers Published	National	2	International	5
Papers Presented in Conference	National	09	International	6
Ph.D Guide/ Give Field & University	Field	Civil & Environmental Engineering	University	JNU & DTU
PhDs/Projects Guided	PhDs	-	Projects at Master Level	-
Books Published/IPRs	Chapters published in books: 7			
Professional Memberships	Member, Alumni, UC Santa Cruz American Association for the Advancement of Science (AAAS) American Chemistry Society (ACS) American Water Resources Association (AWRA) National Ground water Association (NGWA)			
Consultancy Activities	-			
Awards	<ul style="list-style-type: none"> • 2002–03 Senior Research Fellow- extended from CSIR • 2003–06 Research associate from CSIR • 2003–04 Linnaeus-Palme, Sweden 			
Grant Fetched	-			
Interaction with Professional Institution				


Name of Teaching Staff	Dr. Siva kumar P			
Designation	Associate Professor			
Department	Petroleum Engineering			
Date of Joining the Institution	06 th August 2016			
Qualifications with Class/Grade	UG	PG	Ph.D.	
	B.Tech. (Chemical Engineering) 1 st Class;	M.Tech (Petroleum, Refining & Petrochemical) 1 st Class	Petroleum Refining & Petrochemical Engg.	
Total Experience in Years	Teaching	Industry	Research	
	11	-	05	
Papers Published	National/ International	105		
Papers Presented in Conference	National/ International	125		
Ph.D Guide/ Give Field & University	Field	Bio fuels	University	PDPU
PhDs/Projects Guided	PhDs	2 completed + 5 (Ongoing)	Projects at Master Level	9+
Books Published/IPRs	7 Book chapters			
Professional Memberships	Indian Institute of Chemical Engineers (India) (LM-60291) International Society for Environmental Information Sciences (Canada) (Life Member) International Society for Research and Development (United Kingdom) (SR4150900244) International Association of Engineers (Hong Kong) (165797) International Society for Development and Sustainability (Japan) (M130517) Society of Engineers and Technologist, KL (Malaysia)			
Consultancy Activities	Environmental consultant for Hatsun Agro Products Ltd; Associated with TCS as a Subject Matter Expert.			
Awards	Senoiur Research Fellowship by CSIR-HRDG Govt. of India (2011-2013) 2. Innovative Technological Research & Dedicated Teaching Professional Award, Society of Engineers and Technicians, KL, Malaysia (2017) 3. YOUNG SCIENTIST IN BIOFUELS of the Research Awards- VIRA 2017 (2017)			
Grant Fetched	<ul style="list-style-type: none"> Rs 8 Lakhs for ORSP Project 			
Interaction with Professional Institution	Korea Institute of Energy Research; Universiti Teknologi Malaysia; Aavin (TCMPF Ltd); Madras University			


Name of Teaching Staff	Dr. R. Balasubramanian			
Designation	Assistant Professor			
Department	School of Petroleum Technology			
Date of Joining the Institution	17 th September, 2014			
Qualifications with Class/Grade	UG	PG	Ph.D.	
	B.Tech(1 st Class) Anna University, Chennai, 2006	M.Tech (1 st Class) Anna University, Chennai, 2013	Ph.D (Production of Biodiesel, Pandit Deendayal Petroleum University), 2018	
Total Experience in Years	Teaching	Industry	Research	
	14	Nil	Nil	
Papers Published	National / International	05	7	
Papers Presented in Conference	National / International	07	15	
Ph.D Guide/ Give Field & University	Field	Biofuels, Biopolymer	University	PDEU
PhDs/Projects Guided	NIL	-	Projects at Master Level	7
Books Published/IPRs	2 Book Chapters 1 Design Patent + 1 Copy Right			
Professional Memberships	Society of Petroleum Engineers; Indian Institute of Chemical Engineers Association			
Consultancy Activities	-			
Awards	-			
Grant Fetched	-			
Interaction with Professional Institution	Invited for Guest Lecture at Nandha Engineering College, Tamil Nadu.			


Name of Teaching Staff	Dr. Shanker Krishna			
Designation	Assistant Professor			
Department	Petroleum Engineering			
Date of Joining the Institution	14.11.2019			
Qualifications with Class/Grade	UG	PG	Ph.D.	
	B.Tech. (Mechanical Engineering, University of Kerala), 2012	M.S. (Exploration Geophysics, Paris Diderot University), 2014 M.Tech. (Petroleum Engineering, Indian Institute of Technology Madras), 2019	Ph.D (Petroleum Engineering, Indian Institute of Technology Madras), 2019	
Total Experience in Years	Teaching	Industry	Research	
	4	NIL	11 Including PHD	
Papers Published	National / International	15		
Papers Presented in Conference	National / International	11		
Ph.D Guide/ Give Field & University	Field	Geomechanics, Hydraulic Fracturing	University	PDEU
PhDs/Projects Guided	PhDs	2 (Ongoing)	Projects at Master Level	4 completed 1(ongoing)
Books Published	NIL			
Patent	7 Granted , 2 Submitted			
Professional Memberships	SPE, IADC, SEG, EAGE			
Consultancy Activities	1			
Awards	Research fellowship at Institut de Physique du Globe de Paris (IPGP) and MINES ParisTech fully funded by a consortium of TOTAL, CGG and Schlumberger. 2. Research fellowship at Indian Institute of Technology Madras fully funded by MHRD, GoI.			
Grant Fetched	NIL			
Interaction with Professional Institution	Society of Petroleum Engineers (SPE) 2. Society of Exploration Geophysicists (SEG) 3. European Association of Geoscientists and Engineers (EAGE) 4. European Geosciences Union (EGU) 5. American Association of Petroleum Geologists (AAPG), MSME, JTI, ONGC,			


Name of Teaching Staff	Dr. Maunish S Shah			
Designation	Assistant Professor			
Department	Petroleum Engineering			
Date of Joining the Institution	30 th June 2015			
Qualifications with Class/Grade	UG	PG	Ph.D.	
	B.E.(Mechanical Engineering)	M.Tech – (Petroleum Engineering) FirstClass	Ph. D Pursuing (Petroleum Engineering, Pandit Deendayal Petroleum University),	
Total Experience in Years	Teaching	Industry	Research	
	11	01	5	
Papers Published	National	9		-
Papers Presented in Conference	International	2		-
Ph.D Guide/ Give Field & University	Field	Petroleum Engineering/ Hydraulic Fracturing	University	PDEU
PhDs/Projects Guided	PhDs	01 Ongoing	Projects at Master Level	3
Books Published/IPRs	NIL			
Professional Memberships	SPE			
Consultancy Activities	NIL			
Awards	-			
Grant Fetched	-			
Interaction with Professional Institution	ONGC,Diverter Plus,LD College			


Name of Teaching Staff	Dr. Achinta Bera			
Designation	Assistant Professor			
Department	Petroleum Engineering			
Date of Joining the Institution	21.01.2019			
Qualifications with Class/Grade	UG	PG	Ph.D.	
	B.Sc. (Chemistry), University of Calcutta, Kolkata-2007	M.Sc. (Physical Chemistry) University of Calcutta, Kolkata-2009	Ph.D. (Petroleum Engineering) IIT-ISM-Dhanbad-2014 PostDoc University of Alberta, Canada-2015 Khalifa University, Abu Dhabi-2018	
Total Experience in Years	Teaching	Industry	Research	
	3	--	10+	
Papers Published	National / International	46		
Papers Presented in Conference	National / International	5		
Ph.D Guide/ Give Field & University	Field	Enhanced Oil Recovery	University	PDPU
PhDs/Projects Guided	PhDs	4 Ongoing	Projects at Master Level	5+
Books Published/IPRs	1			
Professional Memberships	SPE			
Consultancy Activities	NIL			
Awards	NIL			
Grant Fetched	NIL			
Interaction with Professional Institution	Khalifa University, Universiti Teknologi PETRONAS, IIT(ISM) Dhanbad			


Name of Teaching Staff	Dr. Amit Verma			
Designation	Assistant Professor			
Department	Petroleum Engineering			
Date of Joining the Institution	17.07.2020			
Qualifications with Class/ Grade	UG	PG	Ph.D.	
	B.Tech. UPTU, Lucknow	M.Tech. IIT(ISM) Dhanbad	PhD IIT(ISM) Dhanbad	
Total Experience in Years	Teaching	Industry	Research	
	3	3	5	
Papers Published	National/International	15		
Papers Presented in Conference	National/International	8		
Ph.D Guide/ Give Field & University	Field	Hydraulic Fracturing, Fracturing Fluid	University	IIT(ISM) Dhanbad
PhDs / Projects Guided	PhDs	2 Ongoing	Projects at Master Level	3 completed 1 ongoing
Books Published/ IPRs	2 Book Chapter			
Professional Memberships	SPE, EAGE			
Consultancy Activities	NIL			
Awards	❖ Recipient of EAGE student travel grant for 80th EAGE conference and exhibition 2018.			
Grant Fetched	Ongoing Project in title “Production of Shale Gas Using Supercritical Carbon Dioxide Fracturing in Shale Reservoir” with Total Amount Rs 31,15,560 Funding Agency: Science and Engineering Research Board (SERB), India Tenure of Project: 2022-2024			
Interaction with Professional Institution	ISM Dhanbad, IIT-ISM Dhanbad, NCL, ONGC			


Name of Teaching Staff	Dr. Hari S			
Designation	Assistant Professor			
Department	Petroleum Engineering			
Date of Joining the Institution	16 Jan 2020			
Qualifications with Class/Grade	UG	PG	Ph.D.	
	B.Tech	MS	PhD IIT Madras	
Total Experience in Years	Teaching	Industry	Research	
	3.5	3	4	
Papers Published	National/ International	15		
Papers Presented in Conference	National/ International	4		
Ph.D Guide/ Give Field & University	Field	Petroleum Production engineering, Offshore Engineering	University	PDPU
PhDs/Projects Guided	PhDs		Projects at Master Level	3
Books Published/IPRs	---			
Professional Memberships	Society of Petroleum Engineers, International Association of Drilling Contractors			
Consultancy Activities	Training for MSME in basic petroleum technical			
Awards	1. Quality month award by General Manager of Rotary Wing Research and Design Centre, HAL, Bangalore 2. Research program at Shock wave laboratory, RWTH Aachen University, Germany under IITM-RWTH Indo-German program co-funded by DAAD & UGC for a period of 5 months with an aim of “Development of an industrial collaboration on new technologies for oil and gas reservoirs enhanced recovery”			
Grant Fetched	----			
Interaction with Professional Institution	ONGC			


Name of Teaching Staff	Dr. Lakshmana Rao Jeeru			
Designation	Assistant Professor			
Department	Petroleum Engineering			
Date of Joining the Institution	11.05.2019			
Qualifications with Class/Grade	UG	PG	Ph.D.	
	B.Tech. (Chemical Engineering, Jntu Hyderabad), 2001	M.Tech. (IIT Kharagpur), 2007	PhD IIT Kharagpur	
Total Experience in Years	Teaching	Industry	Research	
	6	--	11	
Papers Published	National/ International	3		
Papers Presented in Conference	National/ International	--		
Ph.D Guide/ Give Field & University	Field	Petroleum Refinery and Petrochemical	University	PDPU
PhDs/Projects Guided	PhDs	NIL	Projects at Master Level	2
Books Published/IPRs	1 Book Chapter			
Professional Memberships	SPE			
Consultancy Activities	NIL			
Awards	NIL			
Grant Fetched	NIL			
Interaction with Professional Institution	IIT KGP			

Name of Teaching Staff	Dr. Paul Naveen			
Designation	Assistant Professor			
Department	Petroleum Engineering			
Date of Joining the Institution	17.07.2020			
Qualifications with Class/Grade	UG	PG	Ph.D.	
	B.Tech Mechanical Engineering	M.Tech. (Petroleum Engineering, Indian Institute of Technology (ISM) Dhanbad), 2014	Ph.D (Petroleum Engineering, Indian Institute of Technology (ISM) Dhanbad), 2020	
Total Experience in Years	Teaching	Industry	Research	
	3.7	0	8	
Papers Published	National/ International	10		
Papers Presented in Conference	National/ International	2.3		
Ph.D Guide/ Give Field & University	Field	CBM	University	IIT(ISM) Dhanbad
PhDs/Projects Guided	PhDs	nil	Projects at Master Level	2+
Books Published/IPRs	NIL			
Professional Memberships	SPE, EAGE, AGU, Interpore			
Consultancy Activities	NIL			
Awards	Best presentation award during ISRM'S SLRMES Conference of Clomiso, Sri Lanka 27 December 2023			
Grant Fetched	Shell project Grant: 60 Lakh			
Interaction with Professional Institution	ONGC, IIT(ISM) Dhanbad, Shell India, IIT Gandhinagar, PRL Ahmedabad, MSME			

Name of Teaching Staff	Dr. Rohit Srivastava			
Designation	Assistant Professor			
Department	Petroleum Engineering			
Date of Joining the Institution	01.08.2018			
Qualifications with Class/Grade	UG	PG	Ph.D.	
	B.Sc. (Chemistry, Dr. RMNL Avadh University Faizabad), 2005	M.Sc. (Chemistry, Dr. RMNL Avadh University Faizabad), 2008 M.Phil. (Chemistry, Dr. Bhim Rao Ambedkar University Agra), 2010	Ph.D (Chemistry, Birla Institute of Technology, Mesra Ranchi) Post Doc Harvard University Cambridge USA	
Total Experience in Years	Teaching	Industry	Research	
	3		6+	
Papers Published	National/ International	24		
Papers Presented in Conference	National/ International	3		
Ph.D Guide/ Give Field & University	Field	Hydrogen Generation	University	PDPU
PhDs/Projects Guided	PhDs	4 (Ongoing)	Projects at Master Level	5+
Books Published/IPRs	12			
Professional Memberships	SPE, ACS			
Consultancy Activities	NIL			
Awards	Harvard University Cambridge USA, IISc. Bangalore, MNNIT Allahabad, IIT(ISM) Dhanbad, BIT Mesra Ranchi and Dr. Bhim Rao Ambedkar University Agra. University of Malaya, Ho Chi Minh City University of Technology, Vietnam Received Young Researcher in Energy storage and Conversion by Center of Advanced Research and Design, Venus International Foundation in 2020. Received Distinguished Young Researcher, Green ThinkerZ in 2020.			
Grant Fetched	<ol style="list-style-type: none"> 1. Fabrication of Nature Inspired-nanohybrid as Electrocatalyst for Water Splitting and CO₂ Reduction, ASEAN-India Science, Technology & Innovation Cooperation, Science and Engineering Research Board (SERB) New Delhi, Gov. of India Rs 3100000 2. Design and Development of Advance Catalyst for Hydrogen Production and CO₂ Reduction, Shell Energy India Private Limited, INR 3400000 3. Hybrid Perovskite based Flexible Memristor on Paper Substrate for Neuromorphic Computation and Data Storage, DST Gov. of Gujarat, INR 3200000 4. Development of Efficient Electrolyzer System for Green Hydrogen Generation, Indo-U.S. Science & Technology Forum (USISTEF), INR 5000000 			
Interaction with Professional Institution	Dr. DS Kothari Post-doctoral Fellowship of UGC, Gov. of India, Institute Fellowship of IIT Bombay, Institute Fellowship (JRF) of BIT Mesra Ranchi, Association of Scientist Developers and Faculties (ASDF) Global Best Scientific Researcher Award 2016 (International) Michigan, USA.			

Name of Teaching Staff	Dr. Vivek Ramalingam			
Designation	Assistant Professor			
Department	Petroleum Engineering			
Date of Joining the Institution	18.02.2019			
Qualifications with Class/Grade	UG	PG	Ph.D.	
	B.E Civil Engineering, Government College of Technology (GCT) Coimbatore	M.Tech in Petroleum Engineering, IIT Madras	PhD, IIT Madras	
Total Experience in Years	Teaching	Industry	Research	
	3	nil	9	
Papers Published	National / International	5		
Papers Presented in Conference	National / International	6		
Ph.D Guide/ Give Field & University	Field	Numerical Modelling; CO2 sequestration; Flow through porous media	University	IIT Madras
PhDs/Projects Guided	PhDs	2 (Ongoing)	Projects at Master Level	2 Completed 2 (Ongoing)
Books Published/IPRs	1 Patent			
Professional Memberships	SPE			
Consultancy Activities	NIL			
Awards				
Grant Fetched	NIL			
Interaction with Professional Institution	ONGC IRS, NIOT			

Name of Teaching Staff	Mr. Gaurav Hazarika			
Designation	Assistant Professor			
Department	Petroleum Engineering			
Date of Joining the Institution	11.05.2019			
Qualifications with Class/Grade	UG	PG	Ph.D.	
	B.Tech. (Petroleum Engineering, Dibrugarh University)	M.Tech. (Petroleum Exploration and Production, Dibrugarh University)	Ph.D Pursuing(EOR, Pandit Deendayal Energy University),	
Total Experience in Years	Teaching	Industry	Research	
	4	9 months	3	
Papers Published	National / International	2		
Papers Presented in Conference	National / International	1		
Ph.D Guide/ Give Field & University	Field	Drilling Engineering, Matrix acidization, Well Testing and Petroleum Production	University	PDEU
PhDs/Projects Guided	Ph.Ds	-NA-	Projects at Master Level	-NA-
IPRs	Portable Proppant Transportation Analyzing System Publication date 2021/7/2 Patent office IN Patent number 342065-001			
Professional Memberships	SPE, IADC			
Consultancy Activities	<ul style="list-style-type: none"> Detailed Analysis of ONGC Videsh Limited Overseas Investments (Niti Aayog, Govt. of India) Screening Study for implementing ER methods (HOEC) Screening Study for implementing ER methods (OILEX) Screening Study for implementing ER methods (GSPC) Finalizing drilling location of Bhandut Field Development of FDP for Tarajan Field Development of FDP for Bordubi Field 			
Awards	TWA Energy Influencer-2022 (Society of Petroleum Engineers-International)			
Grant Fetched	<ul style="list-style-type: none"> ₹2,50,000 Finalizing drilling location of Bhandut Field ₹10,00,000 Development of FDP for Tarajan Field ₹10,00,000 Development of FDP for Bordubi Field 			
Interaction with Professional Institution	Dibrugarh University, KSKV Kachchh University, OIL, ONGC, IRS, SNF Flopam India, HOEC, OILEX, GSPC, Kiri Group, Petrabyte, MSME-TDC Jaipur Agarwal International, Assam Petroleum limited, I-Energy,			

Name of Teaching Staff	Dr. Namrata Bist Rawat			
Designation	Assistant Professor			
Department	Petroleum Engineering			
Date of Joining the Institution	01.06.2017			
Qualifications with Class/Grade	UG	PG	Ph.D.	
	B.Tech. (Applied Petroleum Engineering, University of petroleum energy studies), 2011	M.Tech. (Petroleum Engineering, Pandit Deendayal Petroleum University), 2017	Ph.D Pursuing(Renewable Energy, Pandit Deendayal Petroleum University)	
Total Experience in Years	Teaching	Industry	Research	
	7	4	9	
Papers Published	National / International	36		
Papers Presented in Conference	National/ International	20		
Ph.D Guide/ Give Field & University	Field	Petroleum Engineering and Renewable energy	University	PDEU
PhDs/Projects Guided	PhDs	6 UG Projects	Projects at Master Level	4
Books Published/IPRs	2 Books/ 1 granted process patent, 7 granted design patents, 2 granted product patents			
Professional Memberships	SPE			
Consultancy Activities	1) Consultancy program for Torrent Gas Pvt Ltd Rs. 20,00,000 from 2018-2022.			
Awards	<input type="checkbox"/> Best paper presentation award in ICWATM 2022 <input type="checkbox"/> Featured on the cover page of DEW journal for women in Oil and Gas and Engineering in January 2021. <input type="checkbox"/> Certificate of appreciation awarded by UPES career services and alumni relations for coaching and mentoring final year students for 2020-21. <input type="checkbox"/> Team member Women in Geothermal-WING India Chapter.			
Grant Fetched	NIL			
Interaction with Professional Institution	WTS Geophysical Solutions, Patna University, IIT Roorkee, IIT Kharagpur, BITS Pilani, Ladakh University, Society of Petroleum Engineers, UPES Dehradun, ONGC Ltd., Torrent Ltd, Adani Gas Ltd., Graphic Era University, DEW journal,			

Names of Teaching Staff common subjects

S.N.	Faculty Name	Department
1	T.P. Singh	Mathematics & Computer Science
2	Annie Royson	English
3	Shital Rawat	Physics
4	Ankur Solanki	Physics
5	Pradeep Mallick	English
6	Manoj Kumar	Physics
7	T.V. Pawan Kumar	Electrical Engineering
8	Md. Sarifuddin Ansari	Mathematics & Computer Science
9	Jwngsar Brahma	Mathematics & Computer Science
10	Puneet Jain	Mathematics
11	Alok Jain	Electrical Engineering
12	Vasudeo Chaudhary	Civil Engineering

ANNEXURE – 6

Classroom Photograph



Library Facilities

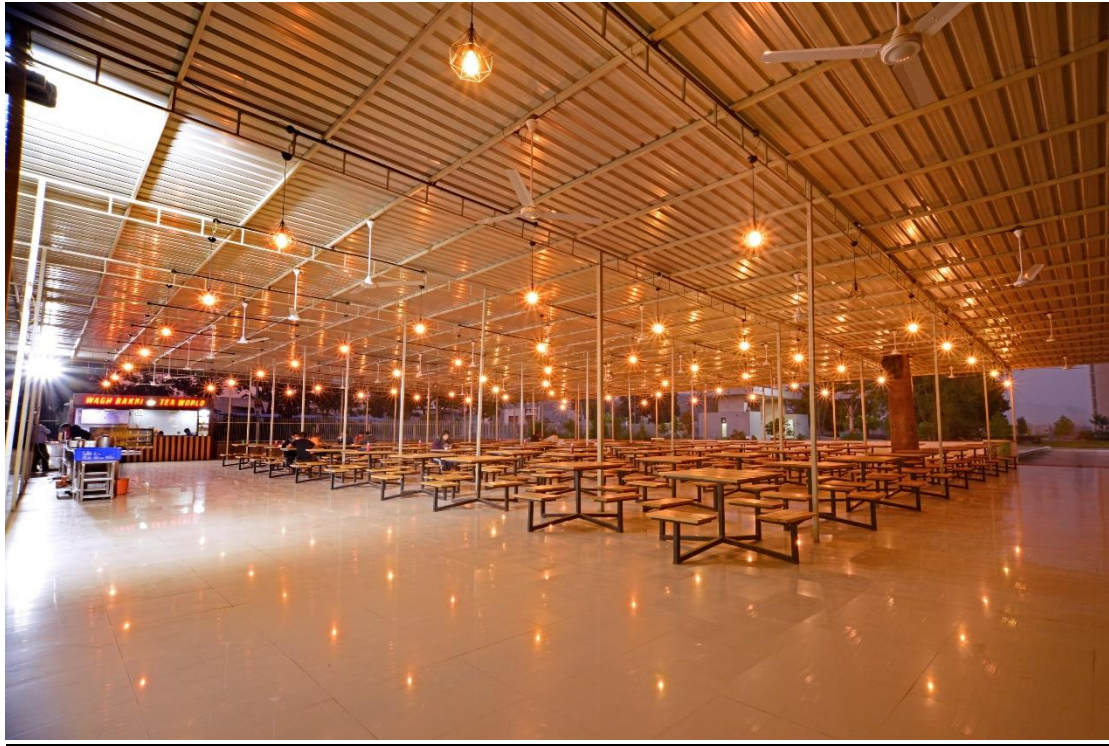


Auditorium





Cafeteria



Indoor Sports Facilities



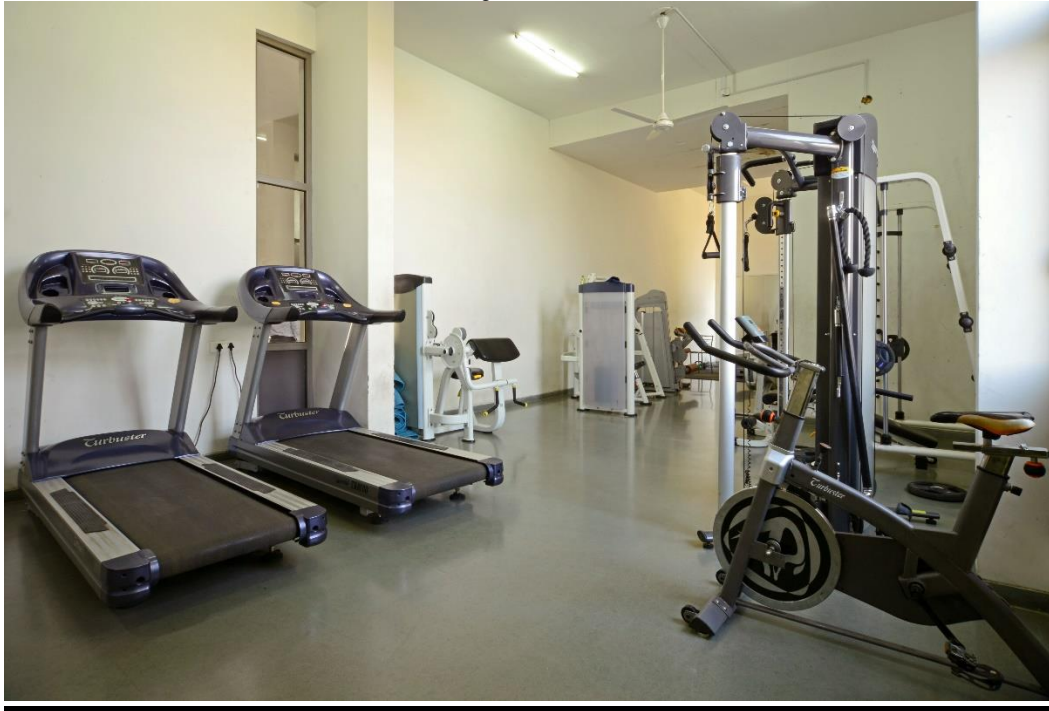
Outdoor Sports Facilities



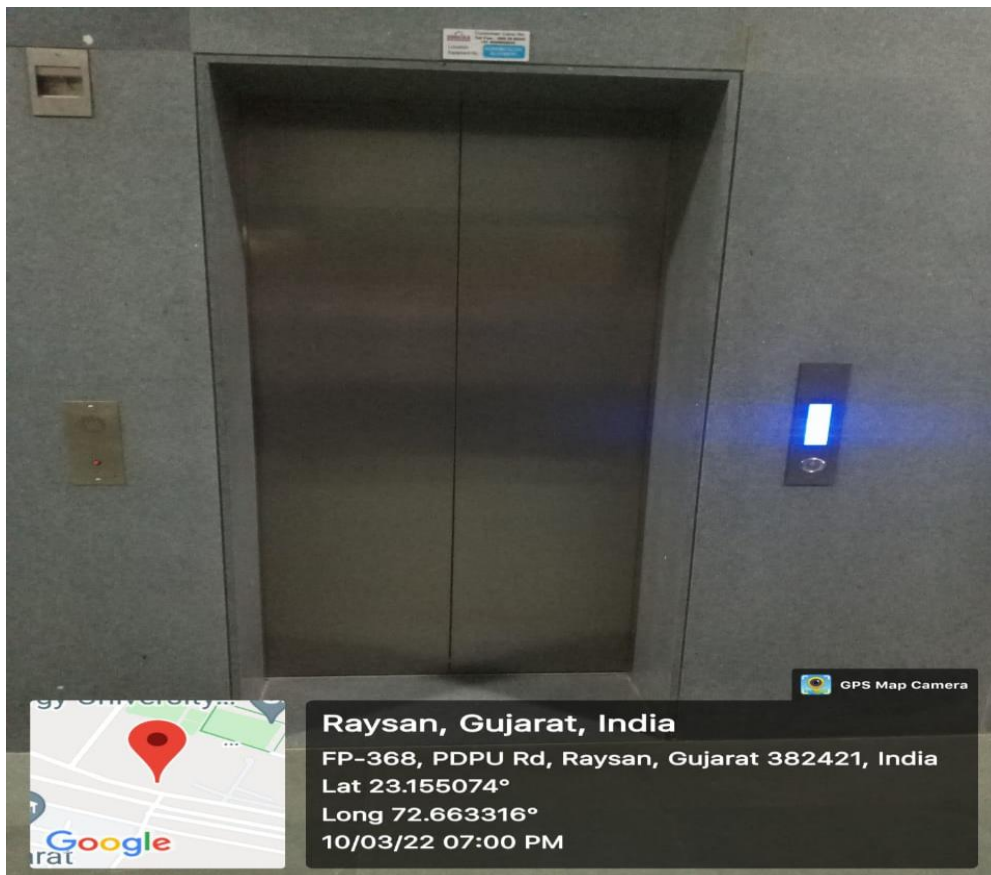




Gymnasium



Facilities for Disabled



Boys and Girls Hostel



Medical Facilities





Annexure-7

Laboratory Objectives

- 1. Earth Science Lab:** The objective of this lab course is to make students understand the basic properties of rock and minerals and identify them in hand specimen and under microscope. This enables them to understand the structural geology and mineralogy of the samples as well. They are exposed to the utilization of geological maps and various geological tools.
- 2. Geomechanics and Strength of Materials Lab:** The objective of this lab course is to make students understand the mechanical properties of rock and its application in upstream hydrocarbon industry. The students analyze the pore structure, compressive and tensile strength ductility, hardness, brittleness, elasticity, fatigue limits of various materials.
- 3. Drilling Fluids & Cements Lab:** The objective of this lab course is to make students understand the characteristics of drilling fluid and cementation. They learn about the classification of drilling fluids, properties and nature of drilling fluids, and how to select an effective fluid system.
- 4. Safety, Health and Environment Lab:** The objective of this lab course is to give students an exposure on day-to-day Safety, Health and Environmental activities of various segments of hydrocarbon industries.
- 5. Petroleum Engineering Lab (PE-1 and PE-2):** To provide students the knowledge about the basic laboratory equipments, methods and procedures used in petroleum upstream business for effective exploration and exploitation. To study principles and methods involved with the production of oil, gas, and water from subsurface reservoirs and the surface processing of oil and gas in the installation like EPS/GGS/GCS etc. To provide practical and hands on knowledge regarding rocks and fluids inside the reservoirs, their physico-chemical properties and well as their flow behavior in subsurface and surface condition: Starting from core plugging machine to every aspect of core analysis with the practical aspect and application of the petro physical parameters of petroleum reservoir rocks are the strengths of the laboratories. Experiments in Core Flooding apparatus help students to learn and visualize the fluid flow system in porous and fracture medium reservoir medium with great detail. Laboratory experiments with Rheometer, Particle size analyser, Tensiometer help the students to learn more about fluid properties in different physico-chemical condition during production. Students learn to design efficient and cost-effective procedures for lifting oil and gas from subsurface reservoirs which includes detailed analysis of crude oil properties by using sophisticated and non-destructive equipments currently employed in oil and gas industries.
- 6. Petroleum Product Testing Lab:** Practical classes are based on theory course content of the Petroleum Engineering course. The students test the physical and chemical properties of petroleum and petroleum related products.
- 7. Petroleum Product Application Lab:** Practical classes are based on theory course content of the Petroleum Engineering and Refinery courses. The students test the chemical properties of petroleum and petroleum related products such as fire-point, flashpoint, droppoint, smoke point etc.
- 8. Reservoir Characterization Lab (RCL):** To provide the students about the knowledge of reservoir during its production life through characterization of reservoir rocks and fluids and through simulation which is the art of combining physics, mathematics, reservoir engineering, and computer programming to develop a tool to predict the performance of hydrocarbon reservoirs in various operation strategies. UV-Vis and fluorescence spectro-photometeris used to characterize crude oils and mixtures/emulsions of various in-situ and injection fluids for better understanding of the phenomenon during later stages of oil recovery. Modeling of oil reservoir has great importance on development and implementation of mathematical and stochastic models for the characterization of petroleum reservoirs. It consists in building a computer model of an oil reservoir for the purpose of improving the estimation of reserves and making decisions about the development of the field.

Work-station and computers of simulation/ software lab supports the practical aspect of the modeling and simulation.

9. **Computer and Language Lab:** SPT has a state of art Computer and Language Lab, where students are exposed to various computer languages, internet applications and engineering softwares used in oil and gas industry.
10. **Drilling, Cementing & Stimulation Research Centre:** The school of Petroleum Technology, Pandit Deendayal Petroleum University was established in 2007. The primary objective of the school is to become a world class research centre in upstream sector and to provide opportunities to researchers and academicians around the globe which will help them to grow and excel in their professional life. School of Petroleum Technology (SPT), PDU has established a drilling, Cementing & Stimulation research Centre to conduct excellent, high-tech and cutting-edge research by providing the state-of-the-art research facilities.
11. **Catalysis Catalysis & Hydrogen Research Lab** The research in catalysis research lab is currently focused on exploring design and development of highly efficient advance catalysts for green Hydrogen production , reduction of carbon dioxide into green fuels, conversion of HMF into FDCA , fuel cell electro-catalysis,

Equipment List

Earth Science and Sedimentary Lab:

The earth science lab is well equipped with modern instruments for geological and geophysical investigation of the earth. It includes

- a) 48 channels seismograph, binocular
- b) Petrological microscope for the characterization of the rocks and minerals.
- c) Several microscopes are available there to investigate the microscopic structural analysis of rock samples

Geomechanics and Strength of Material Lab

- a) Rockwell Hardness testing Machine
- b) Black Diamond Cone Indenter
- c) Hard Steel Specimen
- d) Brinell Hardness Tester
- e) Ball Indenter
- f) Impact Testing Machine
- g) Universal Testing Machine (Tension Test)
- h) Twist Meter
- i) Compression Pads

Petroleum Engineering Laboratory–1(PE-1)

- a) Softening Point Apparatus
- b) Hot Air Oven
- c) Digital Conductivity Meter
- d) Vacuum Pump
- e) Gas Permeameter
- f) Liquid Permeameter
- g) Electrical Stirrer
- h) Digital Electronic Voltage Stabilizer
- i) Air Compressor
- j) Auto-Tensiometer
- k) Transformer
- l) Digital Multimeter
- m) Recombination Cell

Petroleum Engineering Laboratory– 2 (PE-2)

- (a) Glass Distillation Apparatus
- (b) Burette stands with clamp
- (c) Thermometer
- (d) Hot Air Oven
- (e) Digital Conductivity Meter
- (f) Helium Porosimeter
- (g) ASTM Distillation Unit
- (h) Kinematic Viscosity Bath
- (i) Saybolt Viscometer
- (j) Wax Content Apparatus
- (k) Anonymous
- (l) Reid Vapor Pressure Apparatus
- (m) Productivity Index Apparatus
- (n) Gas Lift System
- (o) Electronic Weighing Machine
- (p) Soxlet Extraction Apparatus

- (q) Vacuum Pump
- (r) Log Try Simulator
- (s) Digital Electronic Multimeter
- (t) Gas Lift Valve
- (u) Rheometer
- (v) Particle size Analyzer
- (w) Microscope
- (x) Syringe Pump
- (y) Mixers
- (z) Stirrers with Hot Plate
- (aa) Hydrostatic Core Holder
- (bb) Fluid Sampler System for Core Flooding
- (cc) Turbidity Meter
- (dd) Helium Gas Cylinder with stage regulator
- (ee) Nitrogen Gas Cylinder with Regulator and pipe
- (ff) Plugging Machine
- (gg) Trimming Saw
- (hh) Precision End Face Grinder
- (ii) Precision weighing balance
- (jj) Glass Washer
- (kk) Sulphur in oil Analyzer
- (ll) Water Purification System
- (mm) Oil Content Analyzer
- (nn) Pressure tape core holder

Petroleum Product Testing and Application Lab

- (aa) Pensky Martens Apparatus
- (bb) Saybolt Viscometer
- (cc) Distillation Apparatus
- (dd) Tar Viscometer
- (ee) Penetrometer Apparatus
- (ff) Copperstrip Corrosion Test Apparatus
- (gg) Bomb Calorimeter
- (hh) Aniline Point Apparatus
- (ii) Thermo gravimeter Analyzer
- (jj) Carbon Residue Apparatus
- (kk) Weighing Balance Digital
- (ll) Flash & Fire Point Apparatus
- (mm) Pour & Cloud Point Apparatus
- (nn) Smoke Point Apparatus
- (oo) Automatic Distillation Analyzer

Drilling Fluid and Cementing Lab

- (pp) Stirrer
- (qq) Hamilton beach mixture
- (rr) Mud balance meter
- (ss) Marsh funnel viscometer
- (tt) Rheometer, 6-Speed, Fann Model 35VG Meter
- (uu) Retort Kit
- (vv) Low-temperature/Low-pressure API filtration apparatus
- (ww) Sand content Kit
- (xx) pH meter
- (yy) Titration Vessel
- (zz) Stability Meter
- (aaa) Shearometer
- (bbb) Resistivity Meter

Health, Safety and Environment Laboratory

- (ccc) Burette
- (ddd) Pipette
- (eee) Flask
- (fff) COD Reactor
- (ggg) Funnel
- (hhh) BOD Incubator
- (iii) Erlenmeyer Flask
- (jjj) Gas Analyzer
- (kkk) Conical Flask
- (lll) Digestion Flask
- (mmm) Distillation Apparatus
- (nnn) Kjeldahl Nitrogen Assembly
- (ooo) Stack Monitoring Kit
- (ppp) Auto Clave
- (qqq) Flame Photometer/CI-411
- (rrr) Tintometer/MODEL F
- (sss) TDS Meter/CI-280
- (ttt) Respirable Dust Sampler/SLE-RDS 103
- (uuu) Sound Level Meter/SL-4030
- (vvv) Cooling Centrifuge
- (www) Cyber scan Multi Parameter/PCD 6500
- (xxx) Waterproof PCS Tester35
- (yyy) Uniphos Envirotrack

Reservoir Characterization Laboratory (RCL)

- (zzz) Fluorescence spectrophotometer and related accessories
- (aaaa) L225-0150 PTP-1 Single Position Research Pelteir Controller
- (bbbb) N101-5158 PCB150 pelteir chiller bath
- (cccc) UV-Vis Spectrophotometer and Related Accessories
- (dddd) UPS(5KV)
- (eeee) Computers
- (ffff) Printers
- (gggg) Dell Precision T11700MT CTO Base Workstation– 1 (one) in number
- (hhhh) Dell Optiplex 3020 SSF desktop – 15 in numbers

Drilling, Cementation, and Stimulation (DCS) Lab




The Drilling Cementing Stimulation Lab has the equipments to conduct undergraduate and graduate research in drilling, cementing and stimulation. The equipments are classified as follows:





- (a) Proppant Conductivity testing
- (b) Formation Damage testing
- (c) Cement slurry testing equipment.

Petroleum Engineering Software lab

Experimental and Numerical Studies are the fundamental entities of an engineering study. Numerical simulation models play a pivotal role in arriving at an optimal engineering solution and enrich the prompt project management decision. The Petroleum Software Lab is a distinctive feature of SPT, PDP, among the other petroleum universities in the Country. The lab houses the latest version of industrially used software covering all spectra of the Petroleum Industry. The school presently has software from the pioneers of the peer community. The details of the software available presently are listed in Table 2.9.

List of software available in the School of Petroleum Technology.

<i>Company</i>		<i>Software Module Available</i>
	Computer Modelling Group Ltd. (CMG)	<ul style="list-style-type: none"> • SOLVE University (Access to GEM, IMEX, STARS Simulator) • COST • Builder • Results
	Kappa Engineering	<ul style="list-style-type: none"> • Saphir NL - Pressure Transient Analysis • Topaze NL - Rate Transient Analysis • Rubis -Multi-Purpose Numerical Model • Citrine - Field Performance Analysis • Azurite - Formation Testing • Emeraude - Production Logging
	PETroleum EXperts (PETEX)	<p>Integrated Production Modelling software</p> <p>IPM models the complete oil and gas production system, including reservoir, wells and the surface network.</p>

	<p align="center"><i>NSI Technologies</i></p>	<p align="center">StimPlan</p> <p align="center">A fracturing software to develop an optimum fracture design</p>
	<p align="center"><i>CARBO Technology</i></p>	<p align="center">FracPro</p> <p align="center">Fracture design, analysis, and monitoring software</p>
	<p align="center">Baker Hughes – a GE Company</p>	<p align="center">France and Jewel Suite</p>
	<p align="center">Emerson E&P Software</p>	<p align="center">Paradigm and Roxar</p>

The lab aims to introduce and provide the students with hands-on experience in the above-mentioned software which are widely used in petroleum industry. The course also aims to further increase the employability and deployability of the students in various industrial applications.

Data Interpretation Centre (DIC)

Data Interpretation Centre (DIC) is a co-shared research Lab with GERMI in which some B. Tech students accomplish their research projects. Data pertaining to seismic and well log is interpreted to accomplish the same.

Catalysis & Hydrogen Research Lab

- Electrospinning
- Photo-reactor
- Online Gas Chromatography

Experiments List

Earth Science Laboratory

In earth science laboratory no experiment is done. However, students do some practical exercises, which are as follows:

- (a) Study of the structural geological maps, drawing geological (subsurface) sections, interpretation of the geological structures and geological history.
- (b) Study and identification of minerals in hand specimens
- (c) Study and identification of rocks in hand specimens
- (d) Preliminary idea of study of crystals
- (e) Study of optical properties of minerals and rocks (thin sections) under petrological microscope. The earth science laboratory houses fifteen such microscopes.
- (f) Study of microfossils under stereo binocular microscope. The earth science lab owns fifteen such microscopes.
- (g) The Earth Science laboratory has specimens of minerals, rocks, crystal's models, 15 binocular petrological microscopes and 15 stereo binocular microscopes.

Workshop

List of Facilities available:

Fitting, Shielded Metal Arc Welding Process, Gas Metal Arc Welding Process, Gas Tungsten Arc Welding Process, Gas Welding, Gas Cutting, Resistance Welding – spot, projection, Resistance butt welding, solid state welding – Friction stir welding, Brazing, Soldering, Measuring Instruments – Screw gauge, Vernier caliper, Dial indicator, Height gauge, Sheet Bending, Hand shear, Bench grinder, Bend saw, Drilling and tapping, Shaping, Lath machine, Universal Milling Machine, Woodworking – Operations & hand tools, Hands on experience on Mini lath machine, Hands on experience on Mini milling machine, CNC – Turning, CNC – Milling, Basic of engineering Drawing, Solidworks, Case studies.

Sedimentary Geology

- (a) To Study about Sedimentary Rocks
- (b) To Study about origin of Sedimentary Rock
- (c) To identify common Sedimentary Rock minerals
- (d) To identify Sedimentary Rocks (hand specimen)
- (e) Identifying sedimentary rocks (thin sections)
- (f) To Study various sedimentary Texture & Structure
- (g) To interpret Depositional Environments by studying sedimentary rocks
- (h) To Study compaction of sediments
- (i) To Study physical properties of Sedimentary rock

Geomechanics Laboratory

- (a) Rockwell Hardness Test – To determine the hardness of the given specimen using Rockwell hardness test.
- (b) Brinell Hardness Test – To determine the hardness of the given specimen using Brinell hardness test.
- (c) Impact Test – To determine the Impact toughness (strain energy) through Izod test and Charpy test.
- (d) Tension Test – To determine the tensile strength of specimen.
- (e) Torsion Test – To find the modulus of rigidity.
- (f) Bending Test – To find the values of bending stresses and young's modulus of the material of a beam (say a wooden or steel) simply supported at the ends and carrying a concentrated load at the center.

- (g) Shear Test–To find the shear strength of given specimen.
- (h) Compression Test–To find the compressive strength of given specimen.

Drilling Fluid and Cementation Laboratory

- (a) Preparation of BentoniteMud
- (b) To prepare the Oil Based Mud (OBM)
- (c) To calibrate the mud balance and determine the specific gravity/density of mud.
- (d) To measure the viscosity of Drilling Fluid using Marsh Funnel viscometer.
- (e) To determine the Rheology of the drilling fluid using Rheometer, 6-speed, Fann Model 35 VG Meter.
- (f) To determine the volumes of water, oil and solid in drilling fluid using Retort kit.
- (g) To determine the Fluid loss using Loss-Temperature/Low-Pressure API filtration apparatus.
- (h) To determine the sand content in drilling fluid using sand content kit.
- (i) To determine the alkalinity in Drilling fluid and infiltrate of drilling fluid by titration method.
- (j) To determine the Lime content in drilling fluid by titration method.
- (k) To measure the pH of various drilling fluid using pH meter.
- (l) To determine the chloride in drilling fluid by titration method.
- (m) To determine the total hardness in drilling fluid by titration method.
- (n) To determine the Calcium and Magnesium in drilling fluid by titration method.
- (o) To determine the Sulphate/Carbonate by using Qualitative method.
- (p) Field procedure for determining cation exchange capacity.
- (q) Potassium determination is done by precipitating potassium as per chlorate salt.
- (r) To measure the emulsion stability of Drilling fluidusing Emulsion (Es) stability meter.
- (s) To determine the Salinity of drilling fluid.
- (t) To measure the gel or shear strength of drilling fluid using Shearometer.
- (u) To measure the resistivity of drilling fluid using Analog Resistivity meter.
- (v) Demonstration: Mud digestion using Rolling oven.

Health, Safety and Environment Laboratory

- (a) Complex metric method to estimate total hardness of given water sample.
- (b) To find out Chemical Oxygen Demand (COD)of given polluted water sample.
- (c) Estimation of NH₄Cl and NH₃ in the polluted water sample.
- (d) To determine Biological Oxygen Demand (BOD) of a given water sample.
- (e) To determine the concentration of oil and grease in a given water sample by Partition Gravitational method.
- (f) To estimate the Chloride content in a given water sample by Mohr method.
- (g) To estimate the alkalinity in a given water sample by indicator method.
- (h) Field procedure for exhaust gas emission testing using gas analyzer.
- (i) Estimation of Nitrogen by modified Kjeldahl method.
- (j) Demonstration of Personal Protective Equipments (PPE) Part-1
- (k) Demonstration of Personal Protective Equipments (PPE) Part-2
- (l) Demonstration of mock fire (FireFighting)
- (m) To prepare emergency response plan (ERP)for various laboratories at PDPU.
- (n) To conduct the Safety audit of various laboratories at PDPU.

Petroleum Engineering Laboratory

- (a) Case Study of core and plug preparation
- (b) Determine the porosity of the given core sample by using helium Porosimeter.
- (c) Determine of effective porosity of a given core sample by saturation method.
- (d) Permeability measurement by using liquid Permeameter.
- (e) Permeability measurement by using gas Permeameter.
- (f) To determine the productivity ratio using electrical analogy.
- (g) To determine the productivity ratio of off-centered well using electrical analogy.
- (h) Shale volume estimation and porosity correction.
- (i) Determination of formation water resistivity using SP log.

- (j) To study working of a gas lift system.
- (k) To study water coning using electrical analogy.
- (l) To draw ternary phase diagram for solubility of water benzene-isopropyl alcohol.
- (m) To determine the acid value of the given sample
- (n) Formation Resistivity measurement of Fluid-Saturated Rocks.
- (o) Determine the acid value of the given oil sample.
- (p) Determine the Sulphur content of the given oil sample.
- (q) Draw a ternary phase diagram for solubility of water benzene isopropyl alcohol (IPA) solution.
- (r) Determine the rheological properties of a given oil sample using Rheometer.
- (s) Determine the particle size of the given oil sample using Zetasizer Particle Size analyser.
- (t) Determine the Formation resistivity of the saturated rock sample.
- (u) Water Coning using Resistance Analogy
- (v) Understanding of Auto-Tensiometer
- (w) Understanding of Proppant Conductivity System at normal and high temperature conditions
- (x) Understanding of Formation Damage System at normal temperature conditions and high temperature conditions

Computer Laboratory

Number of Systems: **35**

Total number of systems connected by LAN **400**

Total number of systems connected by WAN **400**

Internet Bandwidth: **4 Mbps & 24x7 Internet Access Available**

Major software packages available

Windows XP, Windows 2007, Windows 2003, Visual Studio, Office Scan (Trend Micro), Solid Works, CNC programming simulation, Petrel, Eclipse, Language Lab, Solid Works- Designing tool software, MT lab software, Microsoft SQL, Lab View, C++, SOLVE University (Access to GEM, IMEX, STARS Simulator), COST, Builder Results, Saphir NL, Topaze NL, Rubis -Multi-Purpose Numerical Model, Citrine - Field Performance Analysis, Azurite - Formation Testing, Emeraude - Production Logging, Integrated Production Modelling software, StimPlan, FracPro, France and Jewel Suite Paradigm and Roxar

Special purpose facilities available

Wi-Fi Campus, Internet facility available at UG Hostel, E-library at campus, Intranet facility

Language Laboratory

Objectives

Communication in all forms is a major challenge in today's multilingual world. Employers are constantly on the lookout for individuals who are excellent in communication & Inter-personal skills. In addition to verbal communication, understanding of non-verbal clues is also highly important. Almost all discussions of Emotional intelligence also emphasize the neglected skills of intra-personal communication. In short, there is a global requirement for competence in Communication.

To enable students to comprehend and use languages efficiently, PDPU has setup multi-media Language Laboratory (Language Lab) set in 2010 sq. Feet spacious room, the Language lab is fully furnished and air-conditioned.

Software

The Language lab at PDPU is a computer-based laboratory with flexibility to conduct laboratory sessions with computers also. The software used in the language lab is developed by Globarena Technologies Private Limited. The software has default 200-hour self-learnable digital program. It also has software for the career lab with default 200-hour program.

Additional Facilities

The Language Lab at PDPU has additional facilities like LCD-projector, Behringer audio mixer; (12-input 2/2 bus mixer; *4 MIC Preamps; 13500 * 2 subgroups with separate outputs; 2 multi functional stereo aux returns), dB Opera series 350W front speaker; Studio master audio amplifier, Video camera

to shoot sessions of group discussions or skits, quality headphones with micro phones two cordless microphones for open house discussion, a tripod for round-table group-discussion, comfortable seating accommodation for 60 students with 60 computers and a notice board.

Working of the Software: The software works at two levels.

Teacher/Admin (Server Side)

Customized lesson scheduling
Create new practice exercises
Review Students performance
Access Student Desktop

Students (Client Side)

Access courses through clients
Audio & Text Communication with facilitator
(Chat)
Access facilitator desktop

Additional Resources:

PDPU Language Lab has more than 150 video clips/documentaries for academic use. It also has more than 200 audio lessons from BBC and Voice of America. There are more than 20 movies related to Literature, Communication, Ethics and Psychology. With the help of in-house Video Graphics Association formed by students, the Language Lab would undertake projects of preparing academic videos movies very soon.

Annexure –8

PANDIT DEENDAYAL ENERGY UNIVERSITY
Academic Calendar: 2023-24

Odd Semester: UG Sem.1/3/5/7 & PG Sem. 1/3 (FoET) & UG Sem. 1/3/5/7 & PG Sem 1/3 (FoLS)	
Particulars	Date
Semester Registration & Commencement of classes-FoET & FoLS- 1 st Sem	17 th July (Mon) 2023
Semester Registration, Department Orientation & Commencement of classes for 3/5/7 Sem – FoET & FoLS	24 th Jul (Mon). 2023
Evaluation of Rural Internship/CSSI & Evaluation of Industry Orientation, & Evaluation of Industrial Internship	7 th (Mon)-11 th (Fri)Aug. 2023
Independence Day Celebration	15 th Aug. (Thes) 2023
Attendance Review-1 (After 4 week)	17 th (Thur)-18 th (Fri) Aug. 2023
Internal Assesment-1 (Quiz, Test, Assignment etc.)** Student mentoring week – 1	21 st (Mon)-25 th (Fri)Aug. 2023
Mid Semester Examination / Project Phase 1 Review	11 th Sept. (Mon) 2023 Onwards
Attendance Review-2 (After 8 week)	14 th (Thur)-15 th (Fri)Sept 2023
Parent Teacher Meeting (Saturday)	23 rd Sept.(Sat) 2023
Last date of showing evaluated answer books of Mid Semester Examination	27 th Sept. (Wed) 2023
Declaration of Mid Semester Exam Result	6 th Oct. (Fri) 2023
360 Degree Feedback from Students by School Admin	9 th (Mon)-13 th (Fri)Oct. 2023
Attendance Review-3 (After 12 week)	12 th (Thur)-13 th (Fri)Oct 2023
Rangtaal – Navratri Celebration	13 th Oct.(Fri) 2023
Internal Assesment-2 (Quiz, Test, Assignment etc)** Student mentoring week – 2	25 th (Wed)-31 st (Tues)Oct. 2023
Tesseract – The Science & Technical Fest	03(Fri)-04(Sat)-05(Sun) Nov. 2023
Declaration of Detention list of students (during 13 th Week)	By 20 th Oct (Fri) 2023
Diwali Vacation	13 th (Mon)-17 th (Fri) Nov. 2023
Classes End	21 st (Tues) Nov. 2023
Practical Examinations, submission of Term Work and Seminars	22 nd Nov.(Wed) 2023 Onwards
Dissertation presentation for UG and PG for FOLS	22 nd Nov.(Wed) 2023 onwards
End Semester Examinations - FoET& FoLS	28 th Nov.(Tues) 2023 Onwards
Last date of Submission of Marks of End sem. Exam	15 th Dec. (Fri) 2023
Rural Internship for FoLS students	During Dec 2023
Project Phase I Exam for PG program of FoET & Progress Review for Ph. D.	18 th (Mon)-22 nd (Fri)Dec. 2023
Winter Break	26 th (Tues)-29 th (Fri)Dec. 2023
Alumni Day	29 th Dec (Fri) 2023
Even Semester: UG Sem. 2/4/6/8 & PG Sem. 2/4 (FoET) & UG Sem.2/4/6/8 & PG Sem. 2/4 (FoLS)	
Next semester registration	27 th (Wed)-30 th (Sat) Dec. 2023
Start of Next Semester	1 st Jan. (Mon) 2024

- This calendar is subject to change under any unforeseen situation.
- All the students should start attending the classes from the day of commencement of respective semester subject to fulfillment of the semester progression rules.
- **Internal assessment shall be in parallel to the regular teaching schedule.
- Attendance Rule: Please attend all lectures and laboratories without fail. Attendance is compulsory as per the PDEU norms, the student must maintain 80% attendance.

Even Semester: UG Sem.2/4/6/8 & PG Sem. 2/4 (FoET) & UG Sem. 2/4/6/8 & PG Sem 2/4 (FoLS)	
Particulars	Date
Semester Registration, Department Orientation. & Commencement of classes, Department Orientation.	1 st Jan. (Mon) 2024
Attendance Review-1 (After 4 week)	25 th Jan (Thur)2024
Republic Day Celebration	26 th Jan. (Fri) 2024
Energy Cup – The Sports Fest	5 th (Mon)-12 th (Mon)Feb. 2024
Internal Assesment-1 (Quiz, Test, Assignment etc.)**CP / MP Review – 1, Student Mentoring Week - 1	12 th (Mon)-16 th (Fri) Feb. 2024
Attendance Review-2 (After 8 week)	22 nd (Thur)-23 rd (Fri)Feb. 2024
Recruiters Meet	21 st (Wed)-25 th (Sun) Feb. 2024
Mid Semester Examination/ Dissertation Review 1	26 th Feb (Mon) 2024 Onwards
Last Date of showing evaluated answer books of Mid-Sem. Exam	15 th Mar (Fri)2024
Declaration of Mid Sem. Exam Result	18 th Mar (Mon) 2024
Attendance Review-3 (After 12 week)	21 st (Thur)-22 nd (Fri) March2024
Parent Teacher Meeting (Saturday)	23 rd Mar. (Sat) 2024
360 Degree Feedback from Students	26 th (Tues)-29 th (Fri) Mar. 2024
Declaration of Detention list of students (during 13 th Week)	29 th March (Fri) 2024
Internal Assesment-2 (Quiz, Test, Assignment etc.)**CP / MP Review – II Student Mentoring Week - 2	8 th (Mon)-12 th (Fri)Apr. 2024
Flare – The Social & Cultural Fest	19 th (Fri)-21 st (Sun)Apr. 2024
Classes End & Farewell by Dept. to pass out batch	26 th Apr. (Fri) 2024
Practical Examinations, submission of Term Work and Seminars	29 th Apr.(Mon) 2024 Onwards
Dissertation presentation for UG and PG for FOLS	29 th April (Mon) 2024 onwards
End Semester Examination FoET & FoLS	6 th May (Mon) 2024 Onwards
Dissertation Exam for PG program(s) & Progress Review for Ph.D. CP / MP Final Review	20 th (Mon)-24 th (Fri) May 2024
Industrial Internship for FoET students & Internships (Industrial/ Rural/ CSSI) & Training	During May-June 2024
Declaration of End Sem. Exam Result	24 th May (Fri) 2024
Summer Vacation (Faculty will resume office on 4 th July 2024)	27 th (Mon) May to 3 rd (Wed) Jul 2024
Faculty Development Programme	8 th (Mon) -19 th (Fri) Jul. 2024
Odd Semester: Sem.3/5/7 (FoET) & Sem.1/3/5/7 (FoLS)	
Odd Semester Registration & class commencement	22 nd Jul.(Mon) 2024

List of Holiday

1.	Independence Day	15 th August, (Tues) 2023
2.	Rakshabandhan	30 th August, (Wed) 2023
3.	Janmashtami	07 th September, (Thur) 2023
4.	Id-e-Milad-Un-Nabi (Prophet Muhammad birthday)	28 th September, (Thur) 2023
5.	Mahatma Gandhi Birthday	02 nd October, (Mon) 2023
6.	Dusshera (Vijaya Dashmi)	24 th October, (Tues) 2023
7.	Diwali	12 th November, (Sun) 2023
8.	Vikram Samvant New Year Day	14 th November, (Tues) 2023
9.	Bhai Bij	15 th November, (Wed) 2023
10.	Guru Nanak Jayanti	27 th November, (Mon) 2023
11.	Christmas	25 th December, (Mon) 2023

ACADEMIC CALENDAR 2022-23 (ODD SEMESTER)

		11	12	13	14	15	16	17	FACULTY DEVELOPMENT PROGRAMME WEEK
		18	19	20	21	22	23	24	FACULTY DEVELOPMENT PROGRAMME WEEK
1	JULY 2022	25	26	27	28	29	30	31	COMMENCEMENT OF ODD SEMESTER: July 25
2	AUGUST	1	2	3	4	5	6	7	
3		8	9	10	11	12	13	14	RAKSHA BANDHAN
4		15	16	17	18	19	20	21	INDEPENDENCE DAY, JANMASHTAMI
5		22	23	24	25	26	27	28	
6	SEP	29	30	31	1	2	3	4	SAMVATSSARI
7		5	6	7	8	9	10	11	
8		12	13	14	15	16	17	18	MID-SEM EXAMINATIONS
9		19	20	21	22	23	24	25	
10	OCT	26	27	28	29	30	1	2	COURSE FEEDBACK WEEK
11		3	4	5	6	7	8	9	DUSSHERA
12		10	11	12	13	14	15	16	
13		17	18	19	20	21	22	23	
14		24	25	26	27	28	29	30	DIWALI WEEK
15	NOV	31	1	2	3	4	5	6	
16		7	8	9	10	11	12	13	GURU NANAK JAYANTI
17		14	15	16	17	18	19	20	COMPLETION OF ODD SEMESTER: Nov. 18
		21	22	23	24	25	26	27	FOET Practical Exams : Nov.21 Onwards FOLS Sem. End Examination : Nov. 21 Onwards
	DEC	28	29	30	1	2	3	4	FOET Sem. End Examination : Nov.28 Onwards
		5	6	7	8	9	10	11	
		12	13	14	15	16	17	18	Rural Internship for FOLS Students: Dec. 17, 2022 to Jan. 10, 2023
		19	20	21	22	23	24	25	
		26	27	28	29	30	31	1	WINTER BREAK

- TOTAL WEEKS: 17
- Applicable to FOLS & FOET (Except B.Tech. 1st Year 2022-23)

ACADEMIC CALENDAR of B.Tech. Sem. 2 (2022-23)

	JAN 2023	23	24	25	26	27	28	29	
1	FEB	30	31	1	2	3	4	5	COMMENCEMENT OF B.Tech Sem 2 :Jan.30 Dept. Orientation Tesseract (Science & Technical Fest): 3-4-5 Feb,
2		6	7	8	9	10	11	12	Last date of showing evaluated answer books of End Sem Exams & Submission of Marks: Feb.8, 2023
3		13	14	15	16	17	18	19	Energy Cup (Sports Fest): 15-16-17-18-19 Feb, Declaration of result for End Semester Exam: Feb.13, 2023
4		20	21	22	23	24	25	26	Students Mentoring Week-I
5	MARCH	27	28	1	2	3	4	5	
6		6	7	8	9	10	11	12	
7		13	14	15	16	17	18	19	Internal Assesment-1 (Quiz, Test, Assignment etc...)**
8		20	21	22	23	24	25	26	
9	APRIL	27	28	29	30	31	1	2	COURSE FEEDBACK WEEK Attendance Review Week-I
10		3	4	5	6	7	8	9	MID-SEM EXAMINATIONS
11		10	11	12	13	14	15	16	Flare (Social & Cultural Fest): 14-15-16 April2023
12		17	18	19	20	21	22	23	Last date of showing evaluated answer books of Mid Sem Exams: April 21, 2023 Students Mentoring Week-II Attendance Review Week-II
13		24	25	26	27	28	29	30	Declaration of result for Mid Semester Exam: April 25, 2023 Internal Assesment-2 (Quiz, Test, Assignment etc...)**
14	MAY	1	2	3	4	5	6	7	Registration for Re-Examination: 1-3 May, 2023
15		8	9	10	11	12	13	14	COMPLETION OF EVEN SEMESTER : May 12
		15	16	17	18	19	20	21	B.Tech. Sem.II Practical Exams: May 15 Onwards
		22	23	24	25	26	27	28	B.Tech. Sem.II End Semester Examination :May 22 Onwards
	JUNE	29	30	31	1	2	3	4	Re-Examination of Odd Semesters (Theory): May 31 st Onwards
		5	6	7	8	9	10	11	Re-Examination of Odd Semesters (Practical): 8 th June-14 th June
		12	13	14	15	16	17	18	Last date of showing evaluated answer books of End Sem Exams & Submission of Marks: June 14, 2023
		19	20	21	22	23	24	25	Declaration of result for End Semester Exam: June 19, 2022
	JULY	26	27	28	29	30	1	2	Civic and Social Services Internship (CSSI) for SOT Students & Rural Internship for SPT Students: June 26, 2023 Onwards, (For B. Tech. Sem-II)
		3	4	5	6	7	8	9	Last date of showing Re-Exam evaluated Answer Books & Submission of Marks: July 4, 2023 Declaration of Re-Exam Result: July 6, 2023
		10	11	12	13	14	15	16	FACULTY DEVELOPMENT PROGRAMME
		17	18	19	20	21	22	23	FACULTY DEVELOPMENT PROGRAMME
		24	25	26	27	28	29	30	COMMENCEMENT OF B.Tech. Sem.3: July 24, 2023 Last date of showing evaluated answer books for previous Re-Exam & End Sem : 25 th July
	AUGUST	31	1	2	3	4	5	6	

- **TOTAL WEEKS: 15**
- **SUMMER VACATION FOR FACULTY: May 29, 2023 to 30th June 2023**
(Faculty will resume office from July 03, 2023)

This calendar is subject to change under any unforeseen situation.

All the students should start attending the classes from the day of commencement of respective semester subject to fulfillment of the semester progression rules.

**Internal assessment shall be in parallel to the regular teaching schedule.

Academic Calendar of B.Tech Semester 4, 6, and 8

ACADEMIC CALENDAR 2022-23 (EVEN SEMESTER)

1	JAN 2023	2	3	4	5	6	7	8	COMMENCEMENT OF EVEN SEMESTER: Jan.2 Dept. Orientation
2		9	10	11	12	13	14	15	
3		16	17	18	19	20	21	22	Student Mentoring Week- I
4		23	24	25	26	27	28	29	
5	FEB	30	31	1	2	3	4	5	Tesseract (Science & Technical Fest): 3-4-5 Feb
6		6	7	8	9	10	11	12	CP/MP Review I Internal Assesment-1 (Quiz, Test, Assignment etc...)**
7		13	14	15	16	17	18	19	Recruiters' Meet , Energy Cup (Sports Fest): 15-16-17-18-19 Feb
8		20	21	22	23	24	25	26	Attendance Review Week-I
9	MARCH	27	28	1	2	3	4	5	MID-SEM EXAMINATIONS
10		6	7	8	9	10	11	12	
11		13	14	15	16	17	18	19	Week of showing evaluated answer books of Mid-Sem & Result declaration STUDENTS COURSE FEEDBACK WEEK
12		20	21	22	23	24	25	26	Student Mentoring Week- II Parent Teacher Meeting
13	APRIL	27	28	29	30	31	1	2	Attendance Review Week-II
14		3	4	5	6	7	8	9	CP/MP Review II Internal Assesment-2 (Quiz, Test, Assignment etc...)** Choose your major workshop for SLS Batch 2021
15		10	11	12	13	14	15	16	Flare (Social & Cultural Fest): 14-15-16 April
16		17	18	19	20	21	22	23	
17		24	25	26	27	28	29	30	COMPLETION OF EVEN SEMESTER: April 28 Declaration of list of students whose Caution money Deposit (CMD) to be withheld by Department/ School: April 27. Final Dissertation Presentation by SLS UG and PG Students
	MAY	1	2	3	4	5	6	7	FOET Practical Exams : May 1 Onwards FOLS Sem. End Examination : May 1 Onwards
		8	9	10	11	12	13	14	FOET Sem. End Examination : May 8 Onwards
		15	16	17	18	19	20	21	Re-Exams of Odd Semesters (Theory): 17 th May Onwards. CP/MP Final Review Dissertation/Project evaluation for PG & Six monthly Ph.D. progress review (15 th May-25 th May 23)
		22	23	24	25	26	27	28	Re-Exams of Odd Semesters (Practical): 25 th -31 st May Industrial Internship for FOET Students: May 22, 2023 Onwards (For B.Tech. Sem-VI and M. Tech. Sem-II). Last date of Submission of Evaluation: End Sem. Exam. (25 th May 2023). Last date of Showing of evaluated answer books: End Sem. Exam (25 th May 2023).

										Last date of Submission of Re-Exam Evaluation to the Exam Section & Declaration of End Sem & Re-Exam Result (27 th May 2023).
1	JUNE	29	30	31	1	2	3	4		Summer Vacation from 29 th May
2		5	6	7	8	9	10	11		
3		12	13	14	15	16	17	18		
4		19	20	21	22	23	24	25		
5	JULY	26	27	28	29	30	1	2		Civic and Social Services Internship (CSSI) for FOET Students: June 26, 2023 Onwards (For B. Tech. Sem-II)
6		3	4	5	6	7	8	9		
		10	11	12	13	14	15	16		FACULTY DEVELOPMENT PROGRAMME
		17	18	19	20	21	22	23		FACULTY DEVELOPMENT PROGRAMME
		24	25	26	27	28	29	30		COMMENCEMENT OF ODD SEMESTER: July 24, 2023 Last date of showing evaluated answer books for previous Re-Exam & End Sem : 25 th July
	AUGUST	31	1	2	3	4	5	6		

- **TOTAL WEEKS: 17**

SUMMER VACATION FOR FACULTY:

May 29, 2023 to 30th June 2023
(Faculty will resume office from July 03, 2023)

This calendar is subject to change under any unforeseen situation.

All the students should start attending the classes from the day of commencement of respective semester subject to fulfillment of the semester progression rules.

****Internal assessment shall be in parallel to the regular teaching schedule.**

Academic Calendar 2021-22 (Ph.D. and B.Tech Sem 2)

ACADEMIC CALENDAR 2021-22 (Ph.D. & B.Tech. Sem. 2)

1	MARCH 2022	28	1	2	3	4	5	6	COMMENCEMENT OF EVEN SEMESTER: Feb.28
2		7	8	9	10	11	12	13	
3		14	15	16	17	18	19	20	
4		21	22	23	24	25	26	27	
5	APRIL	28	29	30	31	1	2	3	
6		4	5	6	7	8	9	10	FIRST FEEDBACK SESSION
7		11	12	13	14	15	16	17	FIRST IA
8		18	19	20	21	22	23	24	
9	MAY	25	26	27	28	29	30	1	
10		2	3	4	5	6	7	8	
11		9	10	11	12	13	14	15	
12		16	17	18	19	20	21	22	
13		23	24	25	26	27	28	29	SECOND IA
14	JUNE	30	31	1	2	3	4	5	
15		6	7	8	9	10	11	12	SECOND FEEDBACK SESSION COMPLETION OF EVEN SEMESTER: June 10
		13	14	15	16	17	18	19	Practical Exams : June 13 Onwards
		20	21	22	23	24	25	26	Sem. End Examination : June 20 Onwards
	JULY	27	28	29	30	1	2	3	
		4	5	6	7	8	9	10	
		11	12	13	14	15	16	17	
		18	19	20	21	22	23	24	
		25	26	27	28	29	30	31	
	AUGUST	1	2	3	4	5	6	7	

Academic Calendar 2021-22 (Even Semester)

ACADEMIC CALENDAR 2021-22 (EVEN SEMESTER)

1	JAN 2022	3	4	5	6	7	8	9	COMMENCEMENT OF EVEN SEMESTER: Jan.3
2		10	11	12	13	14	15	16	
3		17	18	19	20	21	22	23	
4		24	25	26	27	28	29	30	
5	FEB	31	1	2	3	4	5	6	
6		7	8	9	10	11	12	13	FIRST FEEDBACK SESSION
7		14	15	16	17	18	19	20	FIRST IA
8		21	22	23	24	25	26	27	
9	MARCH	28	1	2	3	4	5	6	
10		7	8	9	10	11	12	13	
11		14	15	16	17	18	19	20	
12		21	22	23	24	25	26	27	
13	APRIL	28	29	30	31	1	2	3	SECOND IA
14		4	5	6	7	8	9	10	
15		11	12	13	14	15	16	17	
16		18	19	20	21	22	23	24	
17	MAY	25	26	27	28	29	30	1	SECOND FEEDBACK SESSION COMPLETION OF EVEN SEMESTER: April 29
		2	3	4	5	6	7	8	FOET Practical Exams : May 2 Onwards FOLS Sem. End Examination : May 2 Onwards
		9	10	11	12	13	14	15	FOET Sem. End Examination : May 9 Onwards
		16	17	18	19	20	21	22	
		23	24	25	26	27	28	29	
	JUNE	30	31	1	2	3	4	5	
		6	7	8	9	10	11	12	
		13	14	15	16	17	18	19	
		20	21	22	23	24	25	26	
	JULY	27	28	29	30	1	2	3	
		4	5	6	7	8	9	10	
		11	12	13	14	15	16	17	
		18	19	20	21	22	23	24	
		25	26	27	28	29	30	31	
	AUGUST	1	2	3	4	5	6	7	

- TOTAL WEEKS: 17
- Applicable to FOLS & FOET (Except B.Tech. Sem.2 and B.Sc. & M.Sc. Sem.2)

1	OCT. 2021	18	19	20	21	22	23	24	COMMENCEMENT OF B.Tech. Sem.1: Oct. 20
2		25	26	27	28	29	30	31	
3	NOV.	1	2	3	4	5	6	7	DIWALI BREAK : Nov.1-Nov.5
4		8	9	10	11	12	13	14	
5		15	16	17	18	19	20	21	
6		22	23	24	25	26	27	28	
7	DEC.	29	30	1	2	3	4	5	
8		6	7	8	9	10	11	12	FIRST Internal Assessment
9		13	14	15	16	17	18	19	
10		20	21	22	23	24	25	26	
11	JAN. 2022	27	28	29	30	31	1	2	
12		3	4	5	6	7	8	9	
13		10	11	12	13	14	15	16	
14		17	18	19	20	21	22	23	SECOND Internal Assessment
15		24	25	26	27	28	29	30	
16	FEB.	31	1	2	3	4	5	6	END OF ODD SEMESTER : Feb.4
17		7	8	9	10	11	12	13	B.Tech, Sem.1 Practical Exams : Feb.7 Onwards
18		14	15	16	17	18	19	20	B.Tech, Sem.1 End Examination : Feb.14 Onwards
19		21	22	23	24	25	26	27	
20	MARCH	28	1	2	3	4	5	6	COMMENCEMENT OF EVEN SEMESTER: Feb.28
21		7	8	9	10	11	12	13	

ACADEMIC CALENDAR 2021-22 (B.Tech. Sem. 1)

Total Weeks: 16 (Including Diwali Break of ONE WEEK)

Commencement of EVEN Semesters: Feb. 28, **2022**

Completion of EVEN Semester: **June 10, 2022 (Total Weeks: 15)**

Semester End Examination (Practical) June 13, **2022 Onwards**

Semester End Examination (Theory): June 20, **2022 Onwards**

ACADEMIC CALENDAR 2021-22 (EVEN SEMESTER)

1	JAN 2022	3	4	5	6	7	8	9	COMMENCEMENT OF EVEN SEMESTER: Jan.3
2		10	11	12	13	14	15	16	
3		17	18	19	20	21	22	23	
4		24	25	26	27	28	29	30	
5	FEB	31	1	2	3	4	5	6	
6		7	8	9	10	11	12	13	FIRST FEEDBACK SESSION
7		14	15	16	17	18	19	20	FIRST IA
8		21	22	23	24	25	26	27	
9	MARCH	28	1	2	3	4	5	6	
10		7	8	9	10	11	12	13	
11		14	15	16	17	18	19	20	
12		21	22	23	24	25	26	27	
13	APRIL	28	29	30	31	1	2	3	SECOND IA
14		4	5	6	7	8	9	10	
15		11	12	13	14	15	16	17	
16		18	19	20	21	22	23	24	
17	MAY	25	26	27	28	29	30	1	SECOND FEEDBACK SESSION COMPLETION OF EVEN SEMESTER: April 29
		2	3	4	5	6	7	8	FOET Practical Exams : May 2 Onwards
		9	10	11	12	13	14	15	FOLS Sem. End Examination : May 2 Onwards
		16	17	18	19	20	21	22	FOET Sem. End Examination : May 9 Onwards
		23	24	25	26	27	28	29	
	JUNE	30	31	1	2	3	4	5	
		6	7	8	9	10	11	12	
		13	14	15	16	17	18	19	
		20	21	22	23	24	25	26	
	JULY	27	28	29	30	1	2	3	
		4	5	6	7	8	9	10	
		11	12	13	14	15	16	17	
		18	19	20	21	22	23	24	
		25	26	27	28	29	30	31	
	AUGUST	1	2	3	4	5	6	7	

- TOTAL WEEKS: 17
- Applicable to FOLS & FOET (Except B.Tech. Sem.2 and B.Sc. & M.Sc. Sem.2)

ACADEMIC CALENDAR 2021-22 (Ph.D. & B.Tech. Sem. 2)

1	MARCH 2022	28	1	2	3	4	5	6	COMMENCEMENT OF EVEN SEMESTER: Feb.28
2		7	8	9	10	11	12	13	
3		14	15	16	17	18	19	20	
4		21	22	23	24	25	26	27	
5	APRIL	28	29	30	31	1	2	3	
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8		18	19	20	21	22	23	24	
9	MAY	25	26	27	28	29	30	1	
10		2	3	4	5	6	7	8	
11		9	10	11	12	13	14	15	
12		16	17	18	19	20	21	22	
13		23	24	25	26	27	28	29	SECOND IA
14	JUNE	30	31	1	2	3	4	5	
15		6	7	8	9	10	11	12	SECOND FEEDBACK SESSION
		13	14	15	16	17	18	19	COMPLETION OF EVEN SEMESTER: June 10 Practical Exams : June 13 Onwards
		20	21	22	23	24	25	26	Sem. End Examination : June 20 Onwards
	JULY	27	28	29	30	1	2	3	
		4	5	6	7	8	9	10	
		11	12	13	14	15	16	17	
		18	19	20	21	22	23	24	
		25	26	27	28	29	30	31	
	AUGUST	1	2	3	4	5	6	7	

Total Weeks: 15

Alumni Get together 29 December 2023

1/29/24, 10:28 AM

PDEU Alumni Get-together on December 29, 2023

[Reply](#) [Reply All](#) [Forward](#)

PDEU Alumni Get-together on December 29, 2023

IT Admin

To: **Faculties; Staff**

Cc: DG; Registrar; DirectorSOT; DirectorSOET; Director; DirectorSLS

Wednesday, December 20, 2023 11:09 AM

Dear Colleagues,

We hope this message finds you well and thriving. As we are approaching the year's end with festivities, we are hosting our alumni on campus for a get-together on December 29, 2023. This gives us a good opportunity to network with our students who are now professionally successful and also showcase our latest achievements. When the alumni are coming back to their own campus, we want to make their visit memorable. We solicit your help and cooperation in this regard. Please find the event details.

Event Details:

Date: December 29, 2023

Itinerary:

1:30 pm: Welcoming at the main gate by our enthusiastic current students.
2:00 pm: Moving to respective schools for engaging ice-breaking sessions.
3:00 pm: Joining us for a session with the faculty in your school, providing insights into current activities and advancements.
4:00 pm: Sparing some time for photo booths—capturing moments, sharing stories, and reliving the cherished memories of our campus.
5:00 pm: Gathering for a formal meeting, where we will extend a warm welcome and discuss exciting future activities. (An event link to join online will be shared)
6:00 pm: Letting loose and immersing in the vibrant spirit of Garba, music and dance.
7:00 pm: Concluding the day with a delightful dinner, providing the perfect setting for networking and reconnecting.

Let us create lasting moments and lasting relations.
I would be happy to meet anyone who has any doubts.

Prof. Nigam Dave
Dean, Alumni Affairs
PDEU

Alumni Meet: 12 November 2022



Sat 12-11-2022 16:01

SPE PDEU Student Chapter <spe.pdpuchapter@gmail.com>
Invitation to Gala Night and Alumni Meet | PSF'22

To Maunish Shah

Message invitation faculty.jpg (2 MB)

Respected Sir,

Greetings from **SPE PDEU Student Chapter!**

SPE PDEU Student Chapter believes that knowledge is the prime pillar for the growth of every individual. Throughout the year our student chapter hopes to provide its affiliates with a variety of events, webinars, workshops, and guest lectures. These events focus on developing the partakers' technical aptitude, logical reasoning, and critical thinking.

SPE PDEU Student Chapter is overwhelmed to announce the commencement of the eighth edition of our annual **PDEU SPE Fest**. Under the apothegm, '**Advancing the Apex**', the **3-day** Oil and Gas extravaganza shall consist of invigorating events, witnessing the participation of students and industry professionals all across the globe.

As a part of our tradition, we host a **Gala night** every year in which all the participants, faculties, and dignitaries get together and get a chance to make some memories. To enhance the aura of the evening, we cordially request you and your family's presence at this evening of fine dining and music.

Details for the same:

Date: 12th November 2022

Time: 8:00 P.M. onwards

Venue: Convocation Ground



SPT Best Practices

- A first ever meet of SPT pass outs was organized on PDPU campus on April 13, 2019. About 75 PDPU alumni turned up for the meet and shared with PDPU community how their days at PDPU influenced the future course of their lives
- Prof. Subhash Shah and Dr. R. K. Vij met Alumni currently working in USA on:
 - May 7, 2019 in Huston, USA
 - June 9, 2019 in Toronto, Canada
 - June 11, 2019 in Ottawa, Canada
 - June 12, 2019 in Edmonton, Canada
 - June 14, 2019 in Edmonton, Canada
 - July 15, 2019 in Oklahoma, USA
 - July 26, 2019 in Dallas, USA
- As a part of the 16th edition of the SPE week, the session to bridge the gap between industry and academia was organized on the November 24, 2020.
 - The guest of honor for the session was Mr. Divyanshu Vyas, an alumnus of PDPU. He talked about the basics of Petroleum Engineering and things that would be beneficial to the career in oil and gas industry.
- On January 18, 2021, Intern Talk was organized by the collaborative efforts of SPE, FIPI and SEG-SPG-EAGE PDPU student chapters
 - It was an Interactive session where the final year students shared internship experiences and provided some insights about their learning.
 - The session served opportunity to clear internship related queries and be it preparation or the selection process.
- SPE student chapter organized weekly initiative '*Alumni Insights*' that brought forward to eulogize experience of SPT alumni Network. This initiative aimed at strengthening the alumni network which was advantageous in attaining knowledge about the current scenario in our oil and gas industry. She was Sakshi Pandita, alumni of SPT'13 batch, who is currently associated with Subsurface and Well team in Shell
- On February 10, 2021, SPE week organized Research Paper Workshop where Mr. Harsh Patel, currently working at Shell & SPT '16 batch alumni enlighten importance and writing of research paper

Value-added activities in relation to Campus Placements

- Students at SPT, PDEU are trained in different petroleum software like **CMG, Kappa, Petrel, IPM** by Petroleum Experts
- **Internships** play a vital role in the development of an individual both in technical skills and interpersonal skills. As a part of the curriculum, students had to visit Kachchh, a district in Gujarat, India for the Rural Internship for a duration of 21 days. This internship helped them in the following ways:
 - Living in different environments (It was over 45°C temperature during the day time)
 - Learn to adjust to lack of facilities
 - Understand the problems of the community
 - Help the needy
 - Spread awareness

- Stepping out of the comfort zone
- Working in a team
- SPT, PDEU grants student exchange opportunity to students via semester exchange program and international exposure program
 - The main objectives of the Semester Exchange program are to give students an exposure to academic, research, industrial and cultural facets and to prepare them for a dynamic international career
 - The International Exposure program enables students to not only develop their technical knowledge but also enriches their linguistic and cultural knowledge
- This in turn leads them to move from a fundamental understanding of the theoretical concepts to a more sophisticated interpretation and application-based approach
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- The International Exposure program enables students to not only develop their technical knowledge but also enriches their linguistic and cultural knowledge
- This in turn leads them to move from a fundamental understanding of the theoretical concepts to a more sophisticated interpretation and application-based approach
- SPT, PDEU has set up state-of-the-art Lab Facilities for the students where they not only perform experiments designed based on the theoretical studies, but are also provided a platform to take up research studies as well.

Media Coverage

TWA Energy Influencers 2022

The TWA Energy Influencers are a selection of outstanding young professionals in the oil and gas industry whose work positively influences and inspires

TWA Energy Influencers 2022

The TWA Energy Influencers are a selection of outstanding young professionals in the oil and gas industry whose work positively influences and inspires others.

July 6, 2022
The Way Ahead



Link: <https://jpt.spe.org/twa-energy-influencers-2022>

2. Kutch offshore gas reserve to figure in DGH investors meet

With an estimated one trillion cubic feet of gas reserves, the Kutch offshore basin being developed by the Oil and Natural Gas Corporation in Gujarat will be one of the hydrocarbon projects that is expected to figure in the day-long “investors meet” being organised by the Directorate General of Hydrocarbons (DGH) at Gandhinagar on Friday.

The conclave that will showcase energy-rich Kutch and Cambay basin of Gujarat, will have representatives and investors from more than 25 oil and gas organisations such as Schlumberger, Shell, Halliburton, Al-Mansoori, Reliance Industries, ONGC, GSPC, Vedanta among others.

“One of the motives behind organising this conference in Gujarat is to sensitise all companies about the feasibility of business opportunity in the state. In the Kutch and Cambay basins, 40 percent of the reserves are yet to be explored,” said Professor S Sundar Manoharan, Director General of Pandit Deendayal Energy University (PDEU), which will host the event along with the state’s energy department.

Link: [indianexpress.com/article/cities/ahmedabad/kutch-offshore-gas-reserve-to-figure-in-dgh-investors-meet-7440181/](https://www.indianexpress.com/article/cities/ahmedabad/kutch-offshore-gas-reserve-to-figure-in-dgh-investors-meet-7440181/)

Media coverage in TV9 Gujarati:

Gujarati News » Videos » Gujarat videos » Gujarat: Large oil & gas treasure found in Creek of kutch

કચ્છના આ વિસ્તારમાં ઓઇલ અને નેચરલ ગેસનો ભંડાર, PDEU ના રિસર્ચમાં સામે આવી ચોકાવનારી વિગતો

ONGC અને PDEU સાથે મળીને એક પ્રોજેક્ટ પર કામ કરી રહ્યા છે. જેમાં કચ્છના નારાયણ સરોવર અને ક્રીક પાસેના વિસ્તારમાં ઓઇલ અને નેચરલ ગેસનો ખજાનો હોવાનું સામે આવ્યું છે.



Social Media Coverage

- During this challenging times of pandemic, SPT management came up with a invigorating idea of virtual tour for its newly enrolled students. The students had the chance to visit each and every corner of the campus from the comfort of their home
- SPT also has a very active LinkedIn page where it regularly posts about the research work of faculties, research at SPT fosters professional excellence amongst faculties for delivering outstanding education and training to students.
- The page also actively posts Monday motivation thoughts in order to motivate all to learn something new throughout the week. Besides, regular news updates regarding new lab facilities, research work, training work, and much more is shared

Rural Internship

- SPT UG students undergo a compulsory 3-week Rural Internship program at the end of the first year. The main objective of Rural Internship is to strengthen understanding on concepts of rural development with specific reference to the Indian context. Students are exposed to grassroots realities, in the rural setting, with a focus on participation in interventions by NGOs. This helps in making them understand and appreciate broader contexts of other stakeholders, like government agencies, donors and local self-governance institutions, while participating in existing field projects. This helps in the holistic development of a student

and also makes them aware of the harsh climates and adversities they might be facing on the job. The idea behind this program is to develop a sensitized workforce in energy sector who are socially concerned and willing to positively contribute to the society. The program enables the students to understand about the rural socio-economic scenario and also helps them in facing challenging issues in existing systems and suggests possible solutions. It also helps to enhance other skills of students. i.e., observation skill, analytical skill, decision making skill, communication skill.

