

PETRO ENERGY

NEWSLETTER

Department of Petroleum Technology

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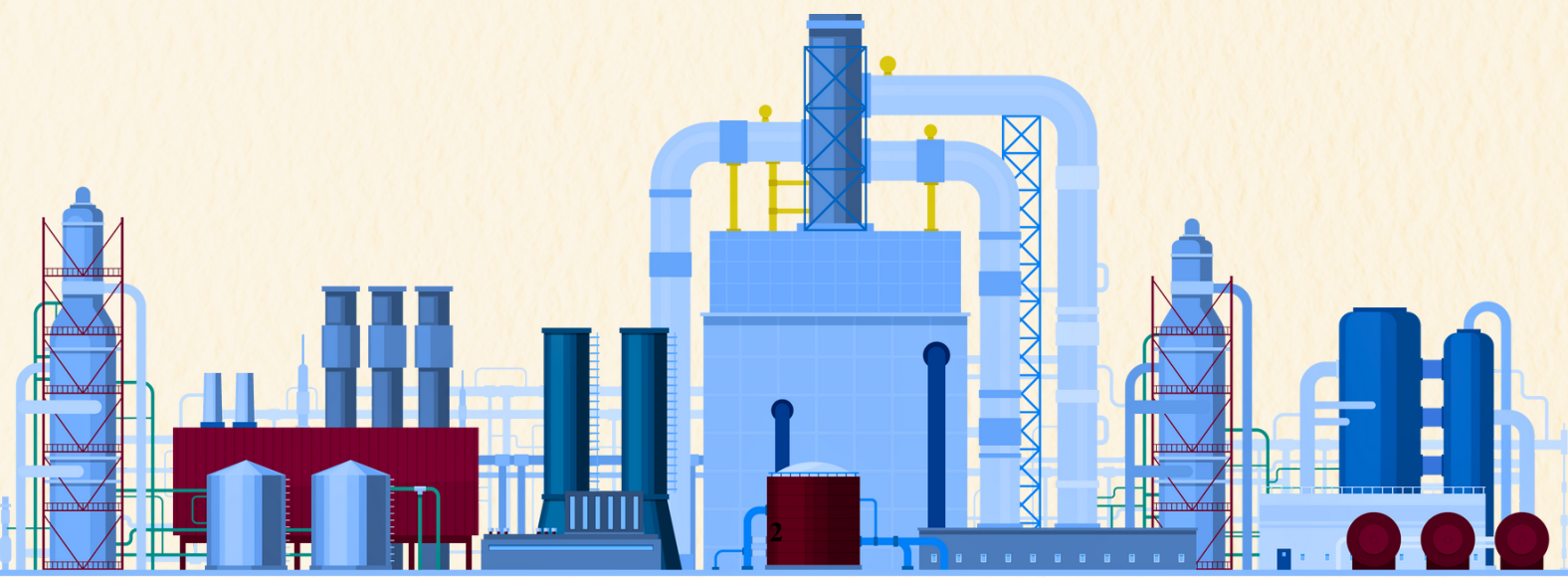
ADITYA ENGINEERING COLLEGE (A)

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ABOUT THE DEPARTMENT

The Department of Petroleum Technology was established in 2011, which offers B. Tech in Petroleum Technology & M.Tech in Petroleum Engineering. Which aims to offer the students innovative teaching and research facilities to create and apply the innovative technologies in Drilling Engineering, Production Engineering, Reservoir Engineering and Geology with special interest to Engineering Geology and Petroleum Geology and also efficiently develop their knowledge and skills to find the solutions for any problems related to the oil and gas industry.

The Department also organizes many workshops/seminars and consultancy. Which has also developed a very strong industry-institution relationship that is unique in the country. The department has highly qualified faculty and technical staff who contribute to the development of the young minds.

The students undergo summer training at reputed oil and gas organizations like ONGC, Reliance, HPCL, BPCL etc. In the current session and in the recent past OFI, L&T, Tech Mahindra have been the foremost recruiters through campus interviews.

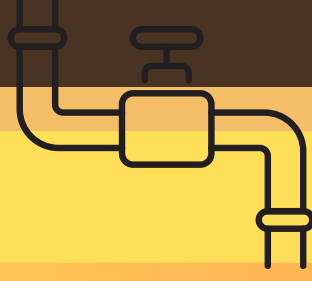
The department has a high computation laboratories equipped with petroleum engineering softwares such as CMG, MAT Lab and ASPEN HYSIS. Which also hosts an excellent Laboratories like Drilling Fluids, Reservoir engineering, Petroleum Analysis and instrumentation process control

VISION

To attain recognition in research and equip students for meeting the challenging needs of petroleum, allied industries and society.

MISSION

- M1** : Impart quality education and entrepreneur skills. To provide excellent instruction and design experience essential for Petroleum Engineers.
- M2** : To develop research that communicates and applies new knowledge for the betterment of society.
- M3** : To assist the public in addressing issues concerning the use of resources, protection of the environment, through service and leadership.



FACULTY RESEARCH ACTIVITIES



[1.] Vangala Venkata Srimannarayana, “Research on Energy Management Strategy and Multi-energy Integrated Control of Hybrid Electric Car Considering Regenerative Braking“, International Conference on Smart Technologies For Smart Nation (SmartTechCon), 19 January 2024.

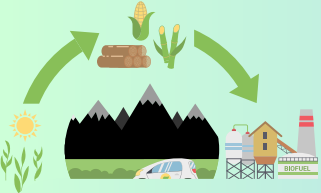
[2.] Dr. Anil Kumar Thandlam, Interdisciplinary Perspectives on Sustainable Agricultural Management: Integrating Computer Science, Legal Frameworks, and Educational Initiatives, Tuijin Jishu/Journal of Propulsion Technology, Vol. 44 No. 6 (Dec-2023), pp: 4248-4257



[2.] Vangala Venkata Srimannarayana, “Smart Grids and Energy Distribution of Technological Disruptions and Innovation of the Petroleum Industry”, International Journal of Scientific Research in Engineering and Management, Vol.8, No.2 (Jan-2024)

[3.] Vangala Venkata Srimannarayana, “Harmonizing Technical and Non-Technical Risks a Holistic Approach to Oil and Gas Project Management”, International Journal of Scientific Research in Engineering and Management, Vol.8, No.2 (Feb-2024)





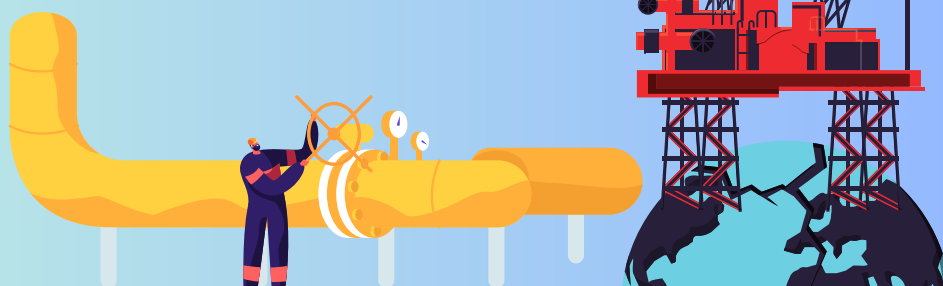
GUEST LECTURES



Guest lecture on Career in Oil and Gas Process Industries by Mr. S Chiranjeevu, Rtd. Chief Manager (QC, R&D), ONGC-MRPL, Mangalore



Guest lecture on Career in
Job Opportunities in Oil and Gas Industries by
Mr. B. Surya Teja,
Subsea SPS Engineer, OneSubsea An SLB Company





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