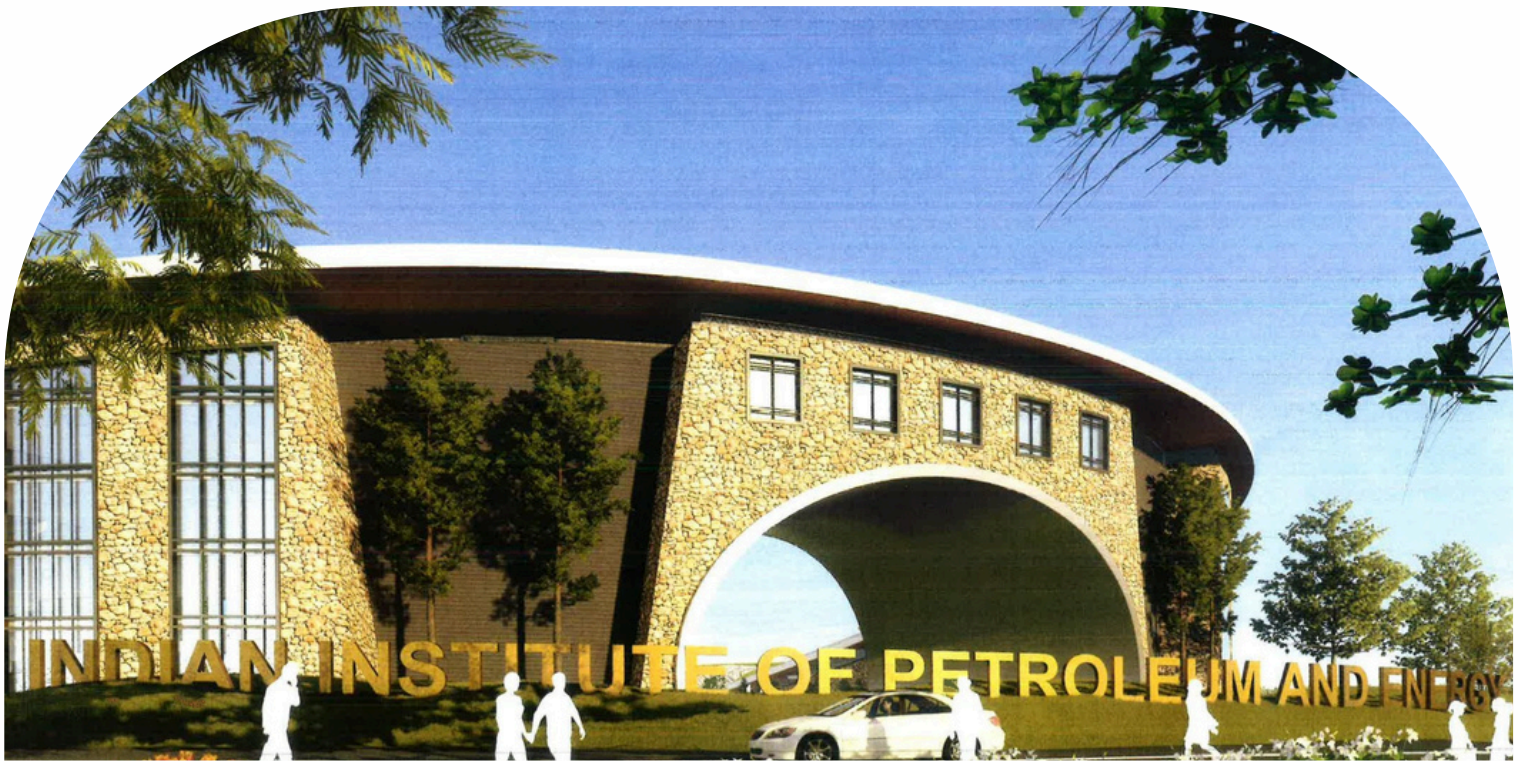




INDIAN INSTITUTE OF PETROLEUM AND ENERGY

(An Institute of National Importance, Estd. by GOI)

Visakhapatnam, Andhra Pradesh, India



B.TECH ADMISSION BROCHURE

2024

Institute at a Glance



INDIAN INSTITUTE OF PETROLEUM AND ENERGY

Conferred with the status of 'Institute of National Importance'

Empowering Minds, Energizing Humanity



OUR MISSION

- Make India energy-sufficient to realize the *Atmanirbhar Bharat* vision
- Transform India into a global energy hub offering 'Panchamrit solutions' for energy and climate challenges
- Conduct research to reach Net Zero targets
- Contribute to achieving the UN Sustainable Development Goal of ensuring access to affordable, reliable, and sustainable modern-day energy for all.
- Help foster Blue Zones to enable the world to overcome today's challenges

Departments

- Energy Science and Engineering
- Petroleum Engineering and Earth Sciences
- Chemical Engineering
- Humanities and Science
- Mechanical Engineering



Vision

Be among the **top 200** universities worldwide by 2036



29 faculty members



6 courses



353 students



18 non-teaching staff



Courses offered

- B.Tech in Petroleum Engineering, Chemical Engineering, and Mechanical Engineering
- M.Sc. in Applied Geology
- Ph.D. in STEM
- M.Tech in Energy Science and Engineering



Admissions are based on

- B.Tech: IIT-JEE Advanced
- M.Sc.: IIT-JAM
- M.Tech: GATE
- Ph.D.: GATE/NET



Key Academic Initiatives

- Sandwich Ph.D. Programme
- International Electives
- Global Student Internships
- B.Tech-MS Programme with US Universities
- Industry-sponsored Master's Programme
- Visiting Researchers
- Joint MBA with IIM Visakhapatnam



Upcoming 201.8 Acre Campus at Vangali

Housing state-of-the-art energy-centric research laboratories.



Scientific Social Responsibility

- Strengthen and Sustain the Region's Socio-Economic Development Toward "Viksit Bharat"
- 10% Girl Student Fellowships
- 70%-100% Tuition-Fee Waiver to Socially and Economically Weak Students
- Summer Internship Programme
- JIGAYASA
- Adopt a Village and Beach



Areas of Research

- Biofuels
- Batteries
- Carbon capture & sequestration
- Hydrogen production & storage
- Renewable energy integration
- Waste to energy
- Geothermal energy

Energy Business Research Park

Helps in aligning the institute's research initiatives with technological innovations under guidance of the Global Industrial Advisory Board



Centre for Net Zero



Centre for Green Hydrogen



Technology Centre for Hydrogen Testing & Validation



India's First HYDROGEN CITY: VIZAG

Fulfilling the dream through the NTPC-sponsored ₹35 crore-project by developing a 1 TPD plant for hydrogen generation from sea water.



Key Collaborators, Partners, and Visitors

Industrial Collaborators



International University Partners



International Visitors



Scan QR Code

Know more about the cutting-edge research at IIPET

<https://iipe.ac.in>

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DIRECTOR'S MESSAGE



Welcome to Indian Institute of Petroleum and Energy (IPE), Visakhapatnam!

The Indian Institute of Petroleum and Energy (IPE), Visakhapatnam, is an autonomous institute under the Ministry of Petroleum and Natural Gas, Govt. of India. In 2017, with the passing of the IPE Bill in the Indian Parliament, IPE was declared an 'Institution of National Importance' at par with the Indian Institutes of Technology (IITs) and the Indian Institutes of Management (IIMs). IPE has achieved this prestigious status by joining hands with the major oil corporations such as Hindustan Petroleum, Indian Oil, ONGC, GAIL, Oil India Limited, and IOCL. The Chairpersons and Managing Directors of these companies constitute the Governing Council of IPE along with the Directors of IISc, Bangalore, and IIT, Hyderabad.

The academic and research activities of IPE derive strength from the institute's proximity to the sector-related activities such as projects at the KG Basin, Vishakha Refinery, and the planned Petrochemical Complex at Kakinada. The institute also enjoys a strong relationship with the industry regarding teaching, research, and recruitment.

A primary goal of research at IPE has been to meet the country's fossil and non-renewable energy demands. However, given its position as an energy institute, IPE also has a great responsibility to contribute toward achieving the United Nations Sustainable Development Goals (UN SDGs), i.e., ensuring access to affordable, reliable, and sustainable modern-day energy for all.

Fulfilling this responsibility, IPE is committed to research towards realizing the "Panchamrita" concoction for the climate conundrum, the climate solution offered by the Hon'ble PM, Mr. Narendra Modi, at the COP26 convention in Glasgow.

IPE facilitates the students to acquire knowledge helps them develop skills and experience, and cultivates a socially-responsible research mindset. IPE is a firm believer in the stakeholders' IKIGAI or a sense of purpose.

Presently, the institute admits 160 undergraduates each year in its three ongoing undergraduate programs, Petroleum Engineering, Chemical Engineering and Mechanical Engineering. It also takes in 20 Ph.D. scholars every year. Graduates of IPE have proven themselves to be in high demand in application areas, and ~98% of them are serving in the energy sector.

Overall, at IPE, we strive to help foster Blue Zones, enabling a prosperous world to rise like a phoenix from the ashes of today's challenges. Let us join hands to remain relevant and excellent, focusing on removing India's impediments to achieving the goal of an Atmanirbhar Bharat in the energy sector and progress towards 'future ready India @2047'.

Best Wishes!

Prof. Shalivahan

ABOUT IIPE

The Indian Institute of Petroleum and Energy (IIPE), is an 'Institution of National Importance' at par with Indian Institutes of Technology (IITs) and the Indian Institutes of Management (IIMs) and enacted by Parliament vide the Indian Institute of Petroleum & Energy Act, 2017 (No: 3 of 2018). IIPE has achieved this prestigious status by joining hands with the major oil corporations such as Hindustan Petroleum, Indian Oil, ONGC, GAIL, Oil India Limited, and IOCL. The Chairpersons and Managing Directors of these companies constitute the Governing Council of IIPE along with the Directors of IISc, Bangalore, and ICT, Hyderabad. IIPE entered into academic MoUs with Texas A & M University, USA and University of Houston, USA and Petroleum Research School of Norway (NFIP), Ufa State Petroleum University (Ufa, Russia) and Stony Brook University, New York, USA for research collaboration, faculty and student exchange programs.

Why IIPE ??

- An Institute of National Importance established by Government of India at par with IITs/IIMs.
- Faculty blend from IITs, Foreign Universities and Industry experts.
- MOU's with University of Houston, Petroleum Research School of Norway (NFIP), Ufa State Petroleum University (Ufa, Russia) and Stony Brook University, New York, USA for student exchange programs.
- Scholarship (₹ 3000/Month) for meritorious girl students to 10% of the sanctioned strength.
- Summer Internship Program (SIP) & Industry/Field visit initiatives enrich the students with valuable hands on experience before they graduate from the campus.
- MBA opportunity at IIM Visakhapatnam.
- Opportunity to engage in joint undergraduate projects with esteemed foreign faculties.
- Travel support to the students for participating in International Conferences, Seminars, etc.
- Students have the option to choose International and Industrial elective courses.
- Conducting frequent industrial visits, guest lectures, seminars, workshops & simulation exercises.
- Placement opportunities from Public Sector Undertakings along with the other renowned companies.
- Fee concession for the under-privileged classes.
- Subsidized hostel and bus facilities for all students.
- Merit awards to the top performers.
- Member of Shastri Indo-Canadian Institute (SICI) where students gets chance of sponsorship in any SICI affiliated Canadian University.
- Tuition fee waiver scheme as per Govt. of India guidelines.
- Excellent sports and Medical Facilities.

NEW CAMPUS - WORK ON PROGRESS



The Bhoomi Poojan of Indian Institute of Petroleum and Energy was performed by the Hon'ble Prime Minister Shri Narendra Modi Ji on 02nd March 2024 (Through Video Conference) at 17:15 hrs. This ceremony marks a significant milestone in the journey of IPE, symbolizing the commencement of construction for this esteemed institution. Prof. Shalivahan the director of the institute participated in the bhoomi poojan ceremony physically with the Honourable prime minister Shri. Narendra Modi Ji.



Construction is currently underway around the clock, and we anticipate moving to our permanent campus very soon. For more photographs & to know the work status please visit IPE website.

PROGRAMMES OFFERED

B. Tech. (Petroleum Engineering)

The programme aims to prepare graduates for professional practice in industry in the field of petroleum engineering with emphasis on upstream activities that encompass exploration, reservoir and production. The programme intends to create technical professionals capable to take on engineering responsibilities across the entire value-chain in the Oil & Gas Industry. The programme is designed to develop conceptual skills in the fundamental aspects of petroleum engineering and to apply best techniques in the Oil & Gas sectors.

B. Tech. (Chemical Engineering)

The programme aims to develop competent Chemical Engineers with specific emphasis on industry centric talent requirements. The programme plans to expose the students to the fundamentals of Chemical Engineering and instill innovative thinking to solve the problems related to energy, environment, etc. This programme intends to create professionals who can fit in well in a dynamic sector where they come across various technological advancements. During the course, emphasis will be laid to foster student's ability to deal with complex problems in multidisciplinary situations.

B. Tech. (Mechanical Engineering)

The goal of the program is to cultivate skilled Mechanical Engineers who possess specialized knowledge in the energy industry. The program aims to provide students with a strong foundation in Mechanical Engineering principles while fostering innovative thinking to address energy-related and environmental challenges. By participating in this program, students will develop the skills necessary to thrive in a rapidly evolving field that encounters various technological advancements. Throughout the course, significant emphasis will be placed on enhancing students' abilities to tackle complex problems in diverse interdisciplinary contexts.

Post Graduation & Ph.D Courses

Apart from BTech programmes in the above mentioned disciplines, IPE also offers MSc in Applied Geology, MTech in Energy Science and Engineering and PhD in Petroleum Engineering, Chemical Engineering, Mechanical Engineering, Energy Science & Engineering, Computer Science and Engineering, Electrical Engineering, Earth Sciences, Physical, Mathematical, Chemical and Biological Sciences.

ADMISSION

Indian Institute of Petroleum and Energy (IIPE), Visakhapatnam invites applications from the Indian citizens for admission into the 4-year B.Tech. programs in the following disciplines:

- B.Tech. in Chemical Engineering
- B.Tech. in Petroleum Engineering
- B.Tech. in Mechanical Engineering

Number of Seats

- Petroleum Engineering (Number of seats = 62)
- Chemical Engineering (Number of seats = 63)
- Mechanical Engineering (Number of seats = 40)

Reservation Policy in admissions as per the Government of India directives and at par with IITs will be applicable. The certificate of the category (OBC / SC / ST / EWS) must be submitted during the admission process wherever applicable. In the case of OBC/ EWS, this category certificate must be issued by a competent authority not a rank lower than Tahsildar on or after April 01, 2024.

Admission Criteria:

Students should have qualified JEE-Advanced - 2024 and must separately apply through Online Application Portal. Admissions are on the basis of JEE-Advanced 2024 scores. Interested and eligible candidates can fill out the admission form online after payment of application fees.

Application Fees:

A non- refundable application fee to fill the online application form is as follows.

- Rs. 1500/- for GEN/ OBC/ EWS
- Rs. 1000/- for SC/ ST/ PH

Eligibility Criteria:

- Admission will be based on JEE- Advanced - 2024 Rank List.
- The Candidates must satisfy at least one of the following two criteria with Physics, Chemistry and Mathematics as compulsory subjects in the year of first appearance in the Class XII (or equivalent examination):
 1. Must have secured at least 75% aggregate marks in the Class XII (or equivalent) Board examination. The aggregate marks for SC, ST and PwD candidates should be at least 65%.
 2. Must be within the category-wise top 20 percentile of successful candidates in their respective Class XII (or equivalent) board examination.
- The marks scored in the following five subjects will be considered for calculating the aggregate marks and the cut-off marks for fulfilling the top 20 percentile criterion.:
 1. Physics
 2. Chemistry
 3. Mathematics
 4. A language
 5. Any subject other than the above four

ADMISSION

Admission Procedure:

Admission will be based on the JEE Advanced ranks only. Admission procedure will be hosted on the website and therefore, applicants are advised to visit the institute website regularly.

Application Procedure:

Application link: https://erp.iipe.ac.in/IPEApp/index?admiss_ch=01

INSTRUCTIONS TO FILL IN ONLINE APPLICATION FORM

STEP-I : Fill in the ONLINE application form

Register with Your Email Id and Login.

Email	Please use the same mail ID as JEE advanced registration
Date of Birth	As per your JEE (Advanced) 2024 Admit Card – cannot be changed later
Password	Choose your password – min 8 characters
Confirm Password	Retype the chosen password
JEE Advanced Registration Number	JEE (Advanced) 2024 Registration Number which is starting with 'W'
JEE Advanced Roll Number	9-digit JEE (Advanced) 2024 roll number

FILL in the appropriate data. Please note that you have to upload your testimonials wherever it is required to validate your information along with your digital photograph and signature.

STEP-II : Make PAYMENT and SUBMIT Application

Payment of application fee has to be made through online payment gateway only.

STEP-III : Take PRINT

After final submission of your online application, you will be able to generate your online application print with your specific details/data. This application print may be retained with you for future requirement.

Please note that you **NEED NOT SEND** the application by post. Your application will be considered on the basis of your final submission through online. You can check submission, shortlisting, selection and other application related status from Application Status menu. You should remember your login id and password for the same.

REGISTRATION PROCESS

Required documents to be submitted on registration day: The following list of documents is to be submitted in hardcopy mandatorily on registration day to complete the admission process.

1. Class X certificate/DOB Proof
2. Class X Marksheet
3. Class XII certificate
4. Class XII Marksheet
5. JEE advanced 2024 admit card
6. Confirmation letter received from IPE
7. Proof of payment of registration fee for seat acceptance i.e., Rs. 92,200 (for GEN/OBC/EWS) or Rs. 17,200 (for SC/ST/PH)
8. 12 Color Passport Size and 12 Stamp Size Photographs with white background
9. Anti-Ragging undertaking by the student and the parent (Annexure-I)
10. College rules and regulations undertaking by the student and parent (Annexure-II)
11. Duly certified original medical report from Government Medical officer (Annexure-III)
12. Certificate of category (OBC/SC/ST/EWS), if applicable.

Note:

- For SC/ST/OBC-NCL: Category certificate
- For EWS: Income & Asset Certificate
- In the case of the OBC-NCL/GEN-EWS category, the certificate must be issued on or after 1st April 2024.

In addition to the above documents, the verifying officials will also check the special eligibility conditions, if any, for all the choices including and above the seat allotted to the candidate

FEE STRUCTURE FOR 4-YEAR B.TECH. COURSES

FOR 1ST YEAR

S. No.	Particulars of Fees	Autumn Semester		Spring Semester	
		SC/ST/PH	GE/OBC/EWS	SC/ST/PH	GE/OBC/EWS
1	Tuition Fee (Each semester)	0	₹ 75000/-	0	₹ 75000/-
2	One time fee at the time of Admission (Non-Refundable)	₹ 5600/-	₹ 5600/-	0	0
3	Caution Deposit (one time, Refundable)	₹ 5000/-	₹ 5000/-	0	0
4	Annual Fees	₹ 4200/-	₹ 4200/-	0	0
5	Semester Fees	₹ 2400/-	₹ 2400/-	₹ 2400/-	₹ 2400/-
Total Fee		₹ 17,200/-	₹ 92,200/-	₹ 2400/-	₹ 77,400/-

FOR 2ND, 3RD & 4TH YEAR

S.No.	Particulars of Fees	Autumn Semester		Spring Semester	
		SC/ST/PH	GE/OBC/EWS	SC/ST/PH	GE/OBC/EWS
1	Tuition Fee (Each semester)	0	₹ 75000/-	0	₹ 75000/-
2	Annual Fees	₹ 4200/-	₹ 4200/-	0	0
3	Semester Fees	₹ 2400/-	₹ 2400/-	₹ 2400/-	₹ 2400/-
Total Fee		₹ 6600/-	₹ 81600/-	₹ 2400/-	₹ 77,400/-

1. Students opting for/residing in hostel need to pay ₹30,000/- per semester and caution deposit of ₹4,000/- during the admission.
2. Student need to pay additional amount of ₹5,500/- (approx) per month to the mess vendor.
3. Fee structure and fee amounts are subject to change from time to time.
4. For detail fee structure, please visit the IPE website.

FEE STRUCTURE FOR 4-YEAR B.TECH. COURSES

HOSTEL FACILITY (OPTIONAL)

S. No.	Particulars	Fee
1	Hostel Accommodation per Semester including Transport for all batches#	₹ 30000/-
2	Mess Charges payable every month to the Hostel Vendor	≈ ₹ 5500/-
3	Caution Deposit (Onetime - to be paid to institute)- Refundable	₹ 4000/-

#The above mentioned Hostel Accommodation Fee is payable, post consideration of 50% subsidy provided by IIPE.

Fee Waiver* Scheme applicable for Tuition Fee under various categories of UG Students

S.No.	Category	Annual Family Income Limit in INR	Waiver (In %)
1	SC/ST/PH	No Bar	100%
2	GE/OBC/EWS	< 1 Lakh	100%
		< 5 Lakh (Between 1 Lakh to below 5 Lakhs)	66.67% (2/3rd)

Note that the tuition fee waivers for all the eligible categories are subject to verification and approval as per IIPE Scholarship Policy, else the candidates have to pay the full amount as mentioned in Fee particulars.

Refund Policy:

- Admission fee of the candidates not selected in the final list will be totally refunded.
- In the event of a candidate withdrawing before the registration day, the admission fee will be refunded after deduction of the processing fee of Rs. 2500/-.
- If any candidate withdraws his/her admission after the registration day, no refund will be entertained.
- The refund process will be initiated after the completion of the admission process only.

Disclaimer:

Candidates are requested to follow the IPE website (www.iipe.ac.in) regularly for results and admission related updates. No personal communication will be entertained for admission. If any person fails to follow the updates/details, the candidate bears all responsibility in this respect, and the institute shall not bear any liability.

LEGAL JURISDICTION:

Visakhapatnam is the only Legal Jurisdiction for any dispute arising on the eve of admissions into IPE. If it is the High Court, Andhra Pradesh, the Hon'ble High Court at Amaravathi is the legal jurisdiction.

How to Reach:

Visakhapatnam is a coastal, port city, often called "THE JEWEL OF THE EAST COAST", situated in Andhra Pradesh on the eastern shore of India. It is nestled among the hills of the Eastern Ghats and faces the Bay of Bengal towards the east. This city is well-connected by road, rail, and airways.

- From Visakhapatnam Bus Stand (RTC Complex) to Institute (~2.2 KM)
- From Visakhapatnam Railway station to Institute (~4 KM)
- From Visakhapatnam International Airport to Institute (~14 KM)

Admission Office:

**Indian Institute of Petroleum & Energy,
Visakhapatnam-530003.**

Email: ugadmissions@iipe.ac.in

Contact:

1. For general queries contact on all working days (Monday to Friday) from 9:00 AM - 9:00 PM.

Mob: **9491697558**; Tel: **0891-2856019** (Academic Section)

2. For queries related to application portal, contact on all working days from 9:00 AM - 5:00 PM.

Email: **support.erp@iipe.ac.in**; Tel: **0891-2856018**

3. In addition to the above, contact us if you feel any clarification regarding admissions.

CAMPUS LIFE AT IIFE



IIPE'S STUDENTS' COUNCILS

A student body is proposed to be elected from among the students of IIPE which forms the Students' Council. This body would help in managing the events and functions that take place in the college. There are various positions in the body such as President, Vice President, Secretary and executives that the students would thrive to achieve.

This council is a body for periodic discussions with Director of IIPE and faculty members to get their valuable guidance in the following fields:

- (a) Academic discipline
- (b) Extra-curricular activities
- (c) Co-curricular activities
- (d) To organize students' activities
- (e) Promoting active participation among members



Student Activities

American Association of Petroleum Geologists (AAPG) student chapter:

American Association of Petroleum Geologists (AAPG) is a global organization that comprises a group of professionals and students. The Student Chapters Program of AAPG plays a critical role by providing an avenue where undergraduate and graduate students can engage in meaningful networking opportunities, and connect with professionals, both inside and outside of academia. IIPE AAPG Student Chapter commenced during 2019-2020 academic session with chapter ID 10198223. The AAPG Student Chapter, IIPE has organized various field trips, Abstract Writing Competition and various other events. IIPE AAPG student chapter is the grant recipient of the American Association of Petroleum Geologists Foundation L. Austin Weeks Undergraduate Grant Program since its formation.

Society of Petroleum Engineers (SPE) Student Chapter:

SPE student chapters are located around the world and provide an operating framework for society activities at a university level. IIPE SPE Student Chapter with the vision of providing continuous personal and professional growth will bring the opportunity for students to organize and participate in technical and non-technical events, engage in technical discussions, network with industry professionals, and learn more about the oil & gas industry. Established in October 2020, it has organized various events including a virtual panel discussion, quiz competition "Quizophile", career talk, regional student paper contests, etc.

The Indian Institute of Chemical Engineers (IChE) Student Chapter:

The IChE student chapter is a conglomerate of professionals from academia, research institutes and industries across the country. It was established in September 2019. It has always been instrumental in the provision of a forum for joint endeavors and a stage for industry-academia interaction. The organization has, therefore, always proved to be beneficial for the applications of chemical engineering and allied sciences. Since its inception, the IChE Student Chapter at IIPE has conducted events like logo-making competition, quiz competition, essay writing competition, "Article Quest", etc..

IIFE'S STUDENTS' COUNCILS

Fine Arts Club

Students of IIFE are known for their creativity and artistic skills. Students organize art competitions and display galleries to exhibit their talent, thereby appreciating each other's work along with skill exchange conversations



Photography Club

The commence of the photography club is one of the initiatives taken by the students to treasure their memories, showcase their photography skills, and assist budding student photographers in the institute.



Social Welfare Activities

The students of IIFE have started the culture of organizing blood donation camps every year as a part of their contribution towards social responsibilities. Apart from this, students also take an active part in beach cleaning activities with the motto of spreading awareness regarding a clean and green environment.



Sports and Cultural activities

A three-day sports fest is held annually to encourage talents in various sports. Different games like cricket, volleyball, throw ball, etc. are conducted and competitions are held. Competitions for indoor games like badminton, carrom, chess, etc. are also held prior to the fest.



IIFE Students conduct Annual Cultural Fest of the college in the month of March every year. It was kickstarted as Astralis in 2017 which was then successfully organized by the first two batches and the legacy continues thereon.



Alumni Association:

Indian Institute of Petroleum & Energy Alumni Association (IPEAA) was established at IPE Visakhapatnam to provide a platform to the alumni and students for better interaction and networking. The various stakeholders of IPE will be able to discuss & exchange ideas related to academics, research, innovation, society requirements and employment among themselves. In addition, membership of the association will provide several benefits to the alumni of the institute. With the support of the alumni, association aims to implement multiple initiatives towards the development of the institute, students and betterment of the society.

Safe Campus for Girls:

IPE Visakhapatnam is deeply committed towards providing a safe and comfortable environment for its girl students in the campus. As a part of the Institute's commitment to ensure gender balance, gender budgeting, gender diversity, gender equity, gender justice, and gender welfare a women's cell has been constituted in the institute. The Women cell of the institute regularly organizes Gender sensitization lectures and talks; Gender related seminars and workshops; Competitions on gender-related themes; Women-empowerment initiatives; Celebrations of international women's day etc. The success rate of the female students is very high with almost all of them placed either as Engineers/Managers or are pursuing higher studies in renowned educational institutes in India and abroad. The female students are provided with dedicated hostel facilities and a safe & secure environment.

Medical facility:

IPE presently provides the following medical facilities to its students:

- Personal Accidental Insurance Policy for Rs. 1,00,000/- for each student;
- Medical Insurance up to Rs. 1,00,000/- for each student.

Both schemes are on an annual renewal basis. IPE have also empaneled reputed hospitals for the OPD facility at CGHS rates.

Industrial Visits and Field trips :

The Institute arrange internship only for 6th semester students as it is the part of their course curriculum. In addition, industrial visits and/or field trips are organized for the students at frequently scheduled intervals from the 3rd semester onwards.

Innovation, Incubation & Entrepreneurship Centre :

Innovation Cell of IPE aims to

- To promote, develop and nurture the culture of entrepreneurship and innovation by way of facilitating, enabling, creating, fostering, supporting, mentoring, managing the entrepreneurial efforts, initiatives, endeavors, and ventures.
- To promote and develop platforms which can provide networking opportunities for prospective and potential entrepreneurs, students, teachers/faculties, researchers, alumni groups, angel investor groups.
- To promote education, research and other programs and activities in creativity, upskilling, re-skilling, re-tooling, incubation, acceleration, innovation, entrepreneurial learning and entrepreneurship development and allied areas of knowledge as well as interdisciplinary studies and domains.

IIPE STUDENT'S ACHIEVEMENTS

- IIPE Students have secured GATE Ranks 103, 144,182, and 199 in Chemical Engineering for the year 2024.
- IIPE Students have secured GATE Ranks 44, 53, and 71 in Petroleum Engineering for the year 2024.
- Students have represented IIPE in various International events (such as EAGE-Vienna, SPE, Indonesia, etc.) around the world.
- IIPE Students have secured GATE Ranks 22, 35, and 98 in Petroleum Engineering for the year 2023.
- IIPE Student have secured GATE Rank of 65 in Chemical Engineering for the year 2023.
- IIPE Student has secured CAT 99.85 percentile in (Petroleum Engineering) for the year 2023.
- 14 students were placed with various PSU's (ONGC, HPCL, IOCL, GAIL) through campus recruitment for the year 2023.
- 3 Students of 2022 passed out (Petroleum Engineering) were been recruited by ONGC through GATE 2023 ranks.
- 2 Students of 2020 passed out (Petroleum Engineering) were been recruited by ONGC through GATE 2023 ranks.
- 3 Students of 2022 (Petroleum Engineering) were been recruited by ONGC through GATE 2022 ranks.
- IIPE student wrote a research paper on Diffusion and surface reaction in porous cubical catalyst: A mathematical approach, Recent Innovations in Chemical Engineering.
- IIPE Students have secured GATE Ranks 16 , 74 in Petroleum Engineering for the year 2022.
- IIPE Students have secured 93 GATE Rank in Chemical Engineering for the year 2022.
- IIPE student secured rank 7 in category c(undergraduates) of limit 2021 competition, an International online mathematics competition, organized by the students and scholars of Indian Statistical Institute(ISI) Bangalore.
- An IIPE student is a grant recipient for the 2021 AAPG foundation L. Austin weeks under graduate grant program in the AAPG foundation's. Austin weeks undergraduate grant program annually awards deserving undergraduate level geoscience students and student-led geoscience associations with \$500 grants.
- IIPE student secured 2nd place in an online team event at Chem Fluence organized by association of chemical engineers, anna university on 16th March 2021.
- IIPEians got outstanding success in the Petro-vision poster presentation in Petragon 2.0 by SEG, SPG, EAGE, PDEU student chapters.
- Technical papers were authored by IIPE students, selected to be presented at SPE Russian Petroleum technology conference 2021, and later to be published on one Petro.
- IIPEians won case study competition conducted by SPE RGIPT student chapter in March,2021.
- IIPEians participated in the semifinal round of the international competition "Venezuela - energy solutions for the future".
- IIPE student secured first place in Petr-o-probe international level quiz competition of petrovision'21 conducted by ac tech, Anna university SPE student chapter from 26th to 28th march,2021.
- IIPEians work got selected to be presented in the 3rd international oil & gas chemistry, chemicals and additives conference (IOGCA 2020) held virtually from 24th to 26th September 2020.
- IIPEians got their paper selected to be presented in the 3rd international biennial oil, gas and petrochemical conference OGPC BUSHE HR IRAN 28-29 Dec.2020
- IIPEians won a gold medal in the all India inter-college chess boxing championship.
- IIPEians won a gold medal in the kondaveedu festival boxing tournament.
- IIPE team won the best design reaction in aiche's chem-e-car 2.0, innovision'19, NIT Rourkela,2019.
- IIPE team secured 1st position' in hackathon, Visakhapatnam, 2019.
- IIPE team secured 1st position' in appathon, Visakhapatnam, 2019.
- IIPEians secured AIR 15 & 19 in GATE, Petroleum branch 2020.

HOSTEL

The hostel is under round the clock surveillance for the safety of students. The hostels are managed by the Council of Wardens. Talent hunt, literary and socio-cultural events add to the vibrancy of the hostel environment. The participation of students in hostel affairs is an essential component of the general administration and decision making. The hostels provided by IIPE are provided on subsidized rates ~ 50% of Hostel fee is borne by IIPE.

The major facilities available in the hostel are:

- Hostel rooms with adequate moving space and proper ventilation.
- Mess facility managed by the students,
- Furnished rooms with bed, study table, chair, partitioned almirah, fan, fluorescent tubes.
- RO water purifier and geyser facilities.
- Round the clock power back up facility.
- Round the clock Wi-Fi internet connectivity.
- Gym facilities
- Indoor games like Billiards, table tennis, carrom, etc.
- Outdoor games such as Badminton, Basketball, Volleyball, Football and Cricket.

Mess :

The mess serves sumptuous veg and non-veg food to the students. It is supervised by a team of students and caretakers headed by a faculty member. The mess menu is a combination of tasty and nutritious food and is changed every month so as to bring in variety.



STUDENT WELLNESS – YOUR DOST

YOUR DOST is an online Counseling Platform for students of IPE Visakhapatnam.

Emotional wellness and counseling are of absolute need in India especially among the young mind who are buffeted by enormous social-cultural-economic pressures. Your DOST is an online emotional platform that leverages technology to provide convenient, anonymous and confidential support to those in need which is in operation at IPE Visakhapatnam from 1st August 2022.

Advantages:

1. Access to 24 x7 unlimited one to one chat-based counseling through pre-vetted experts (psychologists, career coaches) for instant help.
2. Unlimited Audio/Video Sessions available for users who would like to avail escalated support.
3. Face to face counseling at campus (if required)
4. Access to the discussion forums and 2000+ articles dealing with relevant issues.
5. Sessions (Seminar /webinar/workshop) to create awareness on important issues will be conducted for ALL students in the campus. Some sample workshops are enlisted as follows:
 - Academics (Developing Study Skill, Critical Thinking, Time Management, How to be more Organized, Dealing with Exam Stress)
 - Career (Goal Setting, Career confusion, Dealing with abstract nature of profession)
 - Relationships (Develop communications skills, how to handle a breakup. Raising sensitivity towards opposite gender and LGBT issues)
 - De-addiction (Understanding substance use, abuse, addiction, and dependence, possible dangers of substance abuse and addiction, effects on physical, mental and emotional health, preventive strategies, control measures)
 - Personality (Confidence Building, Overcoming social Connection & Empathy etc)
6. Other communications interventions to promote engagement of students on the platform will also be taken care of. Some channels include the followings:
 - Social Media of IPE
 - Newsletters
 - Posters
 - Assessment tests
 - Awareness videos
7. An orientation session for students on campus would be complimentary as part of the pilot. This could be done in accordance to the new batch orientation or in a separate group.
8. 24x7 telephonic helpline support (On Demand)

LIBRARY AND COMPUTING FACILITIES

LIBRARY

Library facility at IIPE Vizag is named after Padmasree S. R. Ranganathan was a Librarian and Mathematician, noted as Father of Library science in India. The library houses more than 30,000 books which cover more than 8000 titles. Library subscribes to International and National Journals and also subscribes to International and national Newspapers and Magazines along with Digital Library Facility. Journal articles and eBooks were provided for access to the students by I.P based and domain based access for the benefit of the students who are staying in the remote areas across the country, due to COVID-19 pandemic situation. A total of 5.28 crores of e- resources are accessible through NDLI (Nation Digital Library of India), IIT Kharagpur. Library Services include Internet Browsing; Book Bank; Reference Services; Current Awareness Service; Inter Library Loan; Photocopying; and Content Management Service.

COMPUTING FACILITIES

Information Technology (IT) unit of IIPE has hybrid CPU/GPU platform for high performance computing. High-end computational servers with high availability, web servers and 10 GBPS network services are provided for various academic and research activities of the Institute. Licensed software and email services are also managed by the IT unit. The institute currently holds licenses for simulation software like ANSYS, COMSOL, MATLAB, ASPEN, 3D Modelling packages, etc. All equipments are facilitated with uninterrupted power supply and proper air-conditioning.



TRAINING & PLACEMENT CELL

Recruiters from both public and private sectors related to the Upstream, downstream processing of the oil and gas industry are visiting the campus for placements. Apart from the traditional refining jobs, organizations working on the allied areas of construction, analytics companies having the oil and gas energy vertices also have recruited a large number of students.

2024 GRADUATING BATCH PLACEMENT STATISTICS

Number of Students Registered	Number of Students Placed	Overall Percentage
47	46	97.87 % (As of 22nd July 2024)

Branch	Highest CTC *
B.Tech Chemical Engineering	17.3 LPA
B.Tech Petroleum Engineering	20.71 LPA

*As of 22nd July 2024, Still Placements are going on.

For the 2024 Graduating Batch, the highest offered annual package is at 20.71 LPA. Noteworthy is that various prominent core companies like Halliburton, Reliance BP, HPCL, IOCL, Total Energies, HPCL Rajasthan Refinery Ltd, Wipro, Jindal, Tata Group, HMEL, L&T Hydrocarbon, Argus Oil & Gas Consulting, Worley, Indian Oil Adani Gas, Linde, etc., have visited IPE this year and 9 students were selected with PSU's through campus recruitment.

Every student from the 2021-2025 batch has successfully obtained industrial internships, with prestigious organizations including HLS Asia, Halliburton, ONGC, OIL India, HPCL, IOCL, and GAIL, among others. Similarly, all students from the 2023-25 Batch M.Sc. in Applied Geology have secured internships with Halliburton, OIL India, and ONGC.

2023 GRADUATED BATCH PLACEMENT STATISTICS

Number of students Registered	Number of students Placed	Placement Percentage
85	83	97.64%

TOTAL NUMBER OF OFFERS : 123

2022 GRADUATED BATCH PLACEMENT STATISTICS

Number of students Registered	Number of students Placed	Placement Percentage
74	73	98.64 %

TOTAL NUMBER OF OFFERS : 105

FEW OF OUR RECRUITERS



Schlumberger



Worley
energy | chemicals | resources



AkzoNobel



एचपीसीएल राजस्थान रिफाइनरी लिमिटेड
HPCL Rajasthan Refinery Limited



EASTMAN



HITACHI
Inspire the Next



JINDAL
DRILLING & INDUSTRIES LTD.



FEW OF OUR RECRUITERS



IndianOil-Adani Gas Pvt. Ltd.





भारतीय पेट्रोलियम और ऊर्जा संस्थान

राष्ट्रीय महत्त्व का संस्थान, पेट्रोलियम और प्राकृतिक गैस मंत्रालय, भारत सरकार के अधीन
INDIAN INSTITUTE OF PETROLEUM AND ENERGY
An Institute of National Importance, Ministry of Petroleum & Natural Gas, GOI
Visakhapatnam - 530003



Empowering Minds, Energizing Humanity

COURSES

B.TECH CHEMICAL ENGINEERING

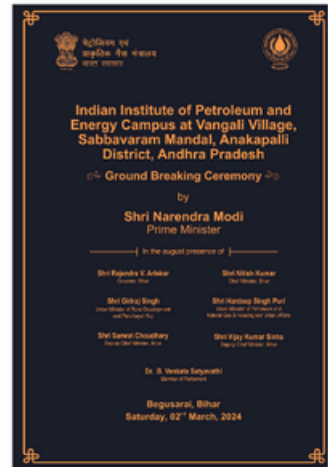
B.TECH MECHANICAL ENGINEERING

B.TECH PETROLEUM ENGINEERING

ADMISSION OPEN FOR 2024-25

KEY FEATURES

- MoU's with University of Houston, Petroleum Research School of Norway (NFiP), Norway, Ufa State Petroleum University (Ufa, Russia) and Stony Brook University, New York, USA for STUDENT EXCHANGE PROGRAMS.
- Joint Undergraduate Projects with Foreign Faculties.
- International and Industrial Elective Courses.
- Travel Support for Participating in International Conferences.
- Scholarship (₹ 3000/month) for Meritorious Girl Students.
- Summer Internship Program (SIP), Industry Visits.
- Tuition Fee Waiver to SC/ST and EWS Section Students.



**Technocrat
and
Business Administrator**

IMPORTANT DATES

COMMENCEMENT OF APPLICATION FORM SUBMISSION
DATE: 11th JUNE, 2024

LAST DATE OF THE APPLICATION SUBMISSION
DATE: 5th JULY, 2024

COMMENCEMENT OF THE CLASSES
DATE: 5th AUGUST, 2024

At IPE



Along with B.Tech earn Diploma in Business Management and subsequently MBA from IIM Visakhapatnam without CAT.



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