



Pandit Deendayal Petroleum University

Preparing Youth for Tomorrow

The vision of the university is to be an efficient and competent source of technical manpower for the current and future industrial requirements. To that end our mission is three-fold Undertaking education in energy engineering and management, nurture students of extraordinary motivation for lifelong learning, and establishing an institution of excellence in Energy Education and competitive edge in research. We focus primarily on grooming the students and enhancing their academic and inter personal skill sets and finally making them a wise human being and global citizens. To prepare the youth for tomorrow, various initiatives have been taken by university which are listed below.

A. STUDENT CENTRIC LEARNING:

1. **Design thinking:** Students are assigned to design a project and its plan of work so that they can focus on developing creativity and build up confidence through hands-on projects.
2. **Group study:** Group of students are assigned specific topics related assignment. These groups study the topics in detail through library books, internet, and journals. These topics are discussed by individual groups in the class and the teacher further guides them for improvement.
3. **Student-directed learning:** Students are given exercises to solve on the basis of Theoretical knowledge and understanding in the classrooms and laboratories.
4. **Learning in practice:** Real life examples related to application, analysis, synthesis and evaluation/ creation are given to the students to imbibe the learning into them.
5. **Soft skill personality development:** Students are encouraged to deliver presentations in which help them to develop for data collection, and presentation skills before the group of students and faculty. It empower students with confidence, to express and to work together.
6. **Capsule courses** to enhance competency and employability quotient of students.

B. INTERNSHIPS:

Rural Internship: This internship is intended to understand the socio-economic fabric of rural community in India, its grass root realities, problems and solutions. In Rural internship students work with NGOs for the welfare of the community.

Urban Internship: Urban Renewal Mission Internship where students work with Municipal Corporation for one month for tasks related to urban development. This experience provides them perspectives on city administration and inculcates leadership.

Industrial Training: B. Tech. students are going for 4 to 10 weeks of industrial training after completing third year. The objectives of industrial training is to provide exposure on the processes, products, and technologies deployed at industries Safety and health norms organization structure of industry marketing strategies etc.

C. INTERNATIONAL EXPOSURE PROGRAM:

This is not just for cross cultural understanding, but a well-structured academic programme to undergo in an international level institution abroad. The University has continued its flagship program namely, International Exposure Program (IEP) started with Partner International Universities during Summer Vacation of each year. It was designed in such a way that students get an exposure academically, technically and culturally with the intent to create and promote a collaborative academic and Research platform at some of the finest universities in the world. PDPU has successfully organized 29 such IEPs with 12 unique International partners & given exposure to 700+ students. Students are encouraged to avail IEP with countries like Canada, US and Australia. This also facilitates students who are interested for study abroad as upward mobility in Higher Education.

D. INNOVATION AND INCUBATION CENTRE:

PDPU Innovation & Incubation Centre (PDPU-IIC) is an incubator established by Pandit Deendayal Petroleum University (PDPU) in 2014 with an aim to transform the brimming energy and potential of young students, budding innovators, entrepreneurs and technocrats to innovation-driven business ventures leading to a technical renaissance.

PDPU-IIC is registered u/s 8 of Companies Act, 2013. It is recognized as Nodal Institute by Govt. of Gujarat. PDPU-IIC avails funding for its incubated start-ups under Student Start-up and Innovation Policy (SSIP) by Education Dept. of Govt. of Gujarat and Assistance to Startup Innovation Scheme by Industries Commissionerate (IC). It is also recognized as “Technology Business Incubator” by the Department of Science and Technology, Government of India.

E. OFFICE OF STUDENT ACTIVITIES, INVOLVEMENT AND LEADERSHIP (OSAIL):

The Office of Student Activities, Involvement & Leadership complements students' academic experiences by providing services and resources that engage students in creating campus culture through social, cultural, intellectual, spiritual, athletic, recreational, artistic, political, and service opportunities.

The Office supports the student organizations that abound at PDEU. Opportunities are provided for student participation and leadership experiences in a variety of officially recognized clubs and organizations. Currently it mentors and funds around 20+ student clubs which conducts around 175 events throughout the academic year. The staff is committed to delivering quality advising, resource materials, leadership development opportunities, and administrative support services to impact students' growth and development and enhance the success of each student organization.

It ensures that students with Leadership qualities get platform to experiment with their ideas and enhance their skills. These leaders keep the campus buzzing with their innovative events and also ensure that talented students get chance to showcase their talents in those events. There are sports/recreation clubs, special interest groups, professional societies, social service activities, cultural & technical events.

COMMUNITY DEVELOPMENT INITIATIVE: The Office of Student Activities, Involvement and Leadership (OSAIL) of the University organizes Vacation Workshops under Community Development Initiative (CDI) every year. In its 10th edition in 2019, the programme included workshops such as Terracotta, Spoken English, Folk Dance, Art & Craft, Computer, Mehndi and Drama.

NATIONAL SERVICE SCHEME (NSS): National Service Scheme (NSS) is an Indian government-sponsored public service program conducted by the Ministry of Youth Affairs and Sports, Government of India. This scheme enables the youth to participate in various programmes concerning regional and national Development. With community service as its main focus, NSS, along with its highly passionate volunteers continues to impact the society through a variety of events and camps organized in rural areas. At PDPU, NSS is a one credit course for the first year undergraduate students, and about 100 students enroll every year in it.

STUDENT CHAPTERS AND PROFESSIONAL BODIES MEMBERSHIPS:

The university has 69 professional bodies memberships and 23 students clubs. The major objectives of students chapters and clubs are to deliver a wide array of programs and services to enhance the overall learning experience of our students, both inside and outside of the classroom.

F. INDUSTRY INTERACTION / COLLABORATION:

The University has very strong hand-holding with industries in terms of collaborative research projects, guest lectures, recruitments, presence on Board of Studies, adjunct faculty members etc. Industrial orientation, industrial training and comprehensive project works are credited internships and project works where students work with industries. 10 percent of course content for every course is taught by the industry experts which provides ample opportunity for students to learn industry operations and practices. University organizes HR Conclaves where senior industry persons share their views on need of industries in terms of technological development, skill sets of graduates and future technologies. Guest lectures, workshops, seminars are routine practices at various departments of university where industry persons contribute and share their subject knowledge.



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