

**PANDIT DEENDAYAL PETROLEUM UNIVERSITY**

**SCHOOL OF TECHNOLOGY**

**CIVIC AND SOCIAL SERVICE INTERNSHIP**

**TO LEAD INDIA**

**I NEED TO FEEL INDIA**

**An opportunity to discover, learn and contribute**

# **PANDIT DEENDAYAL PETROLEUM UNIVERSITY**

## **VISION**

**To be an internationally renowned and respected  
Institution imparting excellent education and  
training based upon the foundation of futuristic  
research and innovations.**

## **MISSION**

**Inspiring students to prepare them for life-long  
learning and leadership in an increasingly  
knowledge and technology driven world.**

## BOARD OF GOVERNORS

<p style="text-align: center;"><b>Dr. Mukesh D. Ambani</b> Chairman &amp; Managing Director, Reliance Industries Ltd.</p> <p style="text-align: center;"><b>President,</b> Pandit Deendayal Petroleum University</p>	
<p><b>Prof. N. R. Dave</b> Diretor General, Pandit Deendayal Petroleum University</p>	<p><b>Shri Hasmukh Adhia, IAS</b> Principal Secretary, (Higher and Tech. Education) Government of Gujarat, Gandhinagar</p>
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<p><b>Shri. Vikram Singh Mehta</b> Chairman, Shell Group of Companies, India Gurgaon</p>	<p><b>Mr. Sudhir Mehta</b> Chairman, Torrent Group Ahmedabad</p>
<p><b>Shri. K.V. Kamath</b> Managing Director &amp; CEO, ICICI Bank Limited Mumbai</p>	<p><b>Mrs. Pallavi Shroff</b> Partner, Amarchand Mangaldas New Delhi</p>

## **PANDIT DEENDAYAL PETROLEUM UNIVERSITY**

**Pandit Deendayal Petroleum University(PDPU), located at Gandhinagar is established by Gujarat State Legislative Act and Promoted by Gujarat State Petroleum Corporation(GSPC). PDPU is a domain specific university in the field of energy education and research with a special focus on the Oil and Gas Sector.**

**PDPU currently addresses the need for trained & specialized human resources for Oil & Gas Industry worldwide. It helps to expand the opportunities for students and professionals to develop intellectual Knowledge base with leadership skills to compete in the global arena. All these are accomplished through a number of specialized and well-planned undergraduate and post-graduate energy education programmes and intensive research initiatives.**

**In short span of three years, the university has emerged as a world class institution emphasizing on clear reasoning , critical thinking , unceasing enquiry and providing excellent facilities , infrastructure and exposure to the industrial practices which produces a leader of the future with specialization in Oil & Gas Industry.**

### **UNIQUENESS AT PDPU**

- **Emphasis on problem solving and practice with sound fundamentals- emulating the medical education model.**
- **Introduction to design and innovation in the first year to orient students to original and lateral thinking**
- **Top down approach from ‘Systems to Components’ to better appreciate holistic education**
- **Summer Internships during all the three summers-rural , industry , and research , to provide a better understanding and challenges of Indian rural and career options for students**
- **Emphasis on holistic engineering as key to long-term economic and environment sustainability of communities.**

### **ABOUT PDPU**

**Currently there are six schools and one Center under PDPU.**

- **School of Petroleum Management offering MBA, Ph.D and PGDPM-X Programmes.**

- **School of Petroleum Technology offering B.Tech, M.Tech & Ph.D Programmes in Petroleum Engineering.**
- **School of Technology from September 2010 offering B.Tech Programs in Civil, Mechanical & Electrical engineering.**
- **School of Solar Energy focuses offering M.Tech and Ph.D programmes**
- **School of Nuclear Energy offering M.Tech. and Ph.D. programmes**
- **School of Liberal Studies offering Under Graduate programmes in Liberal Arts**
- **Centre for Good Governance and Policy is set up by PDPU to carry out detailed and systematic research studies of various facets of Energy Policy and Good Governance.**

**PDPU also plans to start School of Modeling and Virtual Reality & School of Petroleum Law and Intellectual Property in the near future.**

## **SCHOOL OF TECHNOLOGY**

**The School of Technology under Pandit Deendayal Petroleum University offers undergraduate programmes in Civil, Mechanical & Electrical Engineering.**

**The School emphasizes on integrated development in teaching, research and overall grooming of the students. The School has established Science , Engineering and Technology Laboratories, workshops apart from state of the art academic, research recreational and residential facilities.**

## **RECOGNITION**

**The University has been established by the act of the Gujarat Legislature vide 04 April 2007. Moreover the programmes are well recognized by the industry in terms of relevant , quality and earnestness to cater to the futuristic needs.**

## **4 YEAR B.TECH PROGRAMME**

**The School of Technology announces admission of its First batch of 4 Year B.Tech Program in Civil, Mechanical and Electrical Engineering.**

# **CIVIC & SOCIAL SERVICE INTERNSHIP (CSSI)**

## **VISION**

**To sensitize budding technocrats with concerns for civic and social responsibility and prepare them for active participation in community and government.**

## **CONCEPT**

**As per the directive of the Ministry of Human Resource Development, Government of India, a Technical program should comprise of at least 20% courses on Humanities and Management. For better execution of policies during one's professional career, a technocrat is required to come to terms with the realities of life. The importance of civic and social responsibility is paramount to the success of democracy and promotion of dignified living. By engaging in civic responsibility, citizens ensure and uphold certain democratic values written in the Constitution. Those values or duties include justice, freedom, equality, diversity, authority, privacy, participation, truth, patriotism, human rights, rule of law, tolerance, mutual assistance, self restraint and self respect. School of Technology, under the aegis of Pandit Deendayal Petroleum University, established by a special act of Assembly (2007), has introduced Civic and Social Service Internship as a training requirement integral to B.Tech. program for first year students. It is conceptualized as a platform for pre-planned, organized, structured, supervised off-campus experiences with an academic context.**

**Associating oneself in understanding issues of civic amenities, societal grievances and models of providing succor to needy and unprivileged, one comprehends meaning of life and living. By getting their hands dirty and actually doing work, students experience the value and impact of giving to people and learn to be productive members of society.**

## **IMPORTANCE**

**Volunteering is a form of civic responsibility, which involves giving of time or labor without the expectation of compensation in any form. Many people volunteer through NGOs in several ways. Volunteering allows students the opportunity to share their skills and talents as well as to learn new skills while helping those in need of assistance.**

Civic Education is a method to teach civic responsibility. It is a way to promote and enlighten responsible citizenry committed to democratic principles. Civic education is a means to actively engage people in the practice of democracy.

Civic and Social Responsibility is comprised of actions and attitudes associated with democratic governance and social participation. Civic responsibility can include participation in government, volunteers and memberships of voluntary associations. Actions of civic responsibility can be displayed in advocacy for various causes, such as political, economic, civil, environmental or quality of life issues.

The students are trained to plan and execute an extensive range of social services, social welfare activities, and work in health and philanthropic organizations.

## **OBJECTIVES OF INTERNSHIP**

- To develop a holistic view of social work and social welfare in the community, with special emphasis on the role of different agencies like Govt. departments and NGOs in human services.
- To enlighten and sensitize students on various types of problems of the people and their diversified cultural background.
- To understand the NGO agency as an organization, its structure, functions, activities and sources of funding.
- To understand and make a commitment to the basic humanistic values and principles of social work practice in a secular democratic society.
- To develop an understanding of the application of the methods of social work practice in the field.
- To develop an understanding of the opportunities in working with diverse populations.
- To develop the self –awareness necessary to assess one’s own values, attitudes, feelings, strengths, limitations, and interests and performance.
- To inspire young technocrats to become change makers

## **EXPECTED OUTCOMES**

Students undergoing Civic & Social Service Internship will have the opportunity to learn:

- Definitions of civic engagement.
- Role of different civic bodies in the service of citizens.

- The basic humanistic values and principles of social work practice in a secular democratic society.
- About the opportunities in working with diverse populations.
- Understand the significance of proper management
- To assess one's own values, attitudes, feelings, strengths, limitations, interests and performance.
- Analysis of experiential learning via internship and issues of modern-day citizenship and democracy.
- How the off-campus meaningful and focal work adds to the student's intellectual and personal development, or career choices.
- Enhance skills of students i.e. observation skill, analytical skill, decision making skill, communication skill
- Projection of School of Technology and PDPU as a socially responsible organization

## **DURATION**

The period for CSSI will be for three weeks after 2<sup>nd</sup> semester.

## **ALLOCATION OF STUDENTS**

There are 180 students in first year B.Tech. program at School of Technology for year 2010-11. All of them will be participating in CSSI. They will be divided into groups of 10-20 students on random sampling basis. Number of students will be decided by keeping in mind the capacity and size of participating Govt. dept/civic body/NGO.

## **AREAS OF FOCUS**

Following are major areas of focus in which Govt. dept/ Civic bodies/NGOs will be identified for sending students to deploy them for Civic and Social Service.

- Community Development
- Human Resource Management
- Welfare of Disadvantaged Sections
- Medical and Psychiatric Social Work
- Human Rights
- Animal husbandry
- Disaster management

## STRUCTURE OF CSSI

It has been planned that students will follow the schedule mentioned below to finish the CSSI in a desired time frame effectively.

Days: 1-3	Days: 4-15	Days: 16-18
<b>Orientation &amp; Driving to the Issue</b>	<b>Project work</b>	<b>Consolidation of Learning and Report writing</b>
<ul style="list-style-type: none"><li>• Understanding the area of work of Govt. Dept/Civic body/ NGO</li><li>• Study the system of working</li><li>• Study the issues of citizens and the solutions given</li><li>• Writing daily report</li></ul>	<ul style="list-style-type: none"><li>• Thoroughly understand the stages of problem solving/approach to the issue</li><li>• Taking inputs from the citizens and officials of Govt. Dept/NGO</li><li>• Visit the site to familiarize with the issue</li><li>• Preparing case studies/best practices</li><li>• Writing daily activity report</li></ul>	<ul style="list-style-type: none"><li>• Consolidation of learning</li><li>• Putting all daily reports together</li><li>• Structuring the report outline</li><li>• Coordinate with Govt. Dept/Civic body/NGO for inputs</li><li>• Incorporate case study</li><li>• Preparing the draft report</li><li>• Finalization of report</li></ul>

## SUPERVISION

The objective behind field supervision is to ensure desired learning of students. The activities will be done with participation of Govt. Dept /Civic body/ NGO with visit by faculty members and non-faculty members of School of Technology.

## MONITORING AND EVALUATION

Monitoring and evaluation on regular basis is an integral part of the CSSI. For effective monitoring and evaluation, various formats are prepared for students and supervisors.

## CERTIFICATION

The partners Govt. dept/ Civic body/ NGO are expected to recognize the work of students and acknowledge the same through award of certificates to the students on successful completion of the internship.