



# Pandit Deendayal Petroleum University

## International Exposure Programme

The University has continued its flagship program namely, International Exposure Program(IEP), to expose students abroad with University of Saskatchewan-Canada, University of Wollongong-Australia, Technion University-Israel , Texas A&M University-USA, Washington & Jefferson College-USA. Sacred Heart University-USA, Lamar University- USA and University of Oklahoma- USA. In last two years around 200 students of undergraduate students along with 11 faculty members have through this program.

School	University Visited	No. of Students
	 Lamar University, USA	20
	 Southern Illinois University, Carbondale	5
	 Sacred Heart University, USA	39

Several Faculties from renowned international Institutions have been introduced to teach classes in areas of Entrepreneurship, Financial Management, Media Communication, Psychology, Process Engineering, Drilling & Simulations, etc.

The University provides travel grant scholarships to meritorious students for international and national.

The Office of International Relations has always been a catalyst in supporting research and academic activities among its students. As a result, students sailed offshore and presented their scholarly work at various conferences. By availing travel grant policy students have presented papers in UK, Spain, Singapore, Malaysia, Dubai, USA, Bahrain, China, Sweden, Oman, Egypt, Canada, Thailand, Sri Lanka, Germany.

The financial support granted would be as follows:

For conferences/workshops/symposia/internship organized within

- North America or South America: Rs.60,000/-
- Europe, Australia, New-Zealand, Japan & Africa: Rs. 40,000/-
- Singapore, Hong-Kong, Taiwan, Thailand, other Asian Countries: Rs. 30,000/-
- Within India: Rs. 5000/-

In addition to the above, every student will get an additional support towards registration fee:

At actual, up to a maximum of Rs. 25,000/- (International) & Rs. 5000/- (within India).

Below are the numbers of students who have availed the travel grant till date.

Year	No. of Students	Total Value (In Rs.)
FY 2011-12	4	1,85,216.00
FY 2012-13	13	6,16,684.00
FY 2013-14	22	6,26,584.00
FY 2014-15	23	6,35,200.00
FY 2015-16	154	54,74,143.00
FY 2016-17	182	83,04,811.00
FY 2017-18	170	90,45,547.00
Total	568	2,48,88,185.00

# Industry Connect Programme

## UNIVERSITY LEVEL

1. CREATIVITY & INNOVATION COURSE: Introduce a Course at the University level on Creativity & Innovation. Godrej has introduced such a program in their organization and the representative from Godrej may be willing to provide help the University. (Mr Sunil Agarkar, Godrej & Boyce Mfg)
2. INDUSTRY INTERNSHIP DURATION: If it is feasible, increase the internship from two months to three months so that the interns will have better exposure in the industry. (Acted by way of introducing Comprehensive Project in sem. 8)
3. INDUSTRY INTERSHIP ENGAGEMENT: Faculty may visit these organizations from time to time and monitor the students engagement to bring in more focus rather than merely issue a certificate at the end of internship. (Faculty would be sent to Industry for monitoring of internship)
4. TECHNOLOGY MANAGEMENT PROGRAM: To tackle the problem of placement in Technology, introduce a 1 year programme in Technology Management to students after completion of B.Tech. programme. This will make them industry ready by equipping them with the desired skillsets including soft skills and managerial skills.
5. COMMUNICATION SKILLS FOCUS: Emphasize development of soft skills and communication skills among Technology students. (Ajit Kapadia, Chairman Quanta Process, Vadodara. For this L & T Representative (from Vadodara) volunteered to provide help for this process.)
6. BUSINESS ETHICS COURSE: It was suggested introducing a course in Ethics to students of Technology. (Mr. DV Shastry, ED-HR of GAIL)
7. INDUSTRIAL ORIENTATION FOR FACULTY: It was also suggested to send Faculty members to industry for short duration immersion programme in industry. (Acted by way of Industry Immersion programme Dec.2017)

## SCHOOL OF PETROLEUM MANAGEMENT

1. ENERGY REGULATION IN INDIA: Introduce or Strengthen course in Energy Regulation in India. Strengthen Energy Policy aspects also in the teaching programme. (Mr. Manoj Sharma, Adani Green Energy Ltd)
2. RENEWAL ENERGY BUSINESS: Introduce a course in Renewal Energy Business. (Mr. Manoj Sharma Head HR, Adani Green Energy Ltd)
3. ENERGY BUSINESS CASE STUDIES: Write large number of Cases on various aspects of Energy Business - in solar energy, the process of bidding, quotation preparation, banking charges etc. could be included. (Mr. Manoj Sharma, Head HR, Adani Green Energy Ltd)
4. COURSES ON BIG DATA ANALYSIS: Strengthen/Introduce Courses on Big Data analysis. (Mr. Anirban Banik, Assoc Director, Protiviti)

5. **ADVANCED EXCEL:** Introduce course on Advanced Excel (Mr. Manoj Sharma Head HR, Adani Green Energy Ltd)
6. **SUMMER PLACEMENT IN GULF:** Attempt for summer placement in the Middle East. (Mr. Anirban Banik, Assoc Director, Protiviti)
7. **COURSE ON FINTECH MANAGEMENT:** Introduce course on Fintech management. (Mr. Anirban Banik, Assoc Director Protiviti)
8. **3 MONTH INTERNSHIP:** If possible, introduce 3-month internship for first year MBA students.
9. **GIFT CITY VISIT:** Students along with faculty should visit the various organizations under Gift City for study as well as for placement purposes. (Mr. Deepesh Shah, Gift City)
10. **SMART CITY PROJECTS:** Aim for placement of MBA Students in Smart City Projects (100 smart cities). Consultancy organizations working for Smart City projects could be the source of employment. (Mr. Anirban Banik, Protiviti)

#### SCHOOL OF PETROLEUM TECHNOLOGY

1. **GAIL SUPPORT TO STUDENT:** To enable students to get a practical insight, initiative to undertake Downstream classes was expressed. GAIL staff would be deputed to teach these students and provide internship facility to students. (Mr DV Shastry, GAIL)
2. **GAIL SUPPORT IN FACULTY IMMERSION:** This would include inroad into Indraprastha Gas and GAIL Gas.
3. **SOFTWARE TRAINING FOR DYNAMOMETER CARD:** Will conduct software training for Dynamometer Card used for Hydrocarbon Production (Miss Vibhuti Bhargava, SSIPL)
4. **INTERNSHIP SUPPORT :** Will provide opportunity to students to do Internship in Pipeline (Mr Pankaj Jain, CAIRN ENERGY)
5. **ACTION PLAN:**
  - a) Sign MOU with ONGC by end of this month
  - b) Conduct HTRI hands-on after mid semester for downstream students
  - c) Be in touch with GAIL for Internship and Placement activities in JV companies
  - d) Conduct Dynamometer Card training by October, 2017

## SCHOOL OF TECHNOLOGY

### Civil Engineering Department

- i) L&T ECC showing interest in internships and possible conversion to placements based on performance.
- ii) Vinod Shah Consulting Engg (P) Ltd, Ahmedabad suggested that Non Destructive Testing facility in Concrete Technology Lab should be established which will be significantly utilized by the industry. He expressed his willingness in undertaking joint research and consultancy.
- iii) Mr. Sagar Deshmukh, Regional Director of LEA Associates South Asia (P) Ltd, Gandhinagar expressed the need of undertaking joint research in the Transportation domain (Green Highways).
- iv) Arvind Smart Spaces and others enquired about the consultancy and research work in the area of soil testing and sample collection.
- v) Mr. Jigar Panday, Real Estate Consultant, Ahmedabad discussed about research avenues in the field of Smart Cities.

### Mechanical Engineering Department

- i) Jeetendra Kumar Singh, E&T leader CTS – India from Ingersoll Rand Ltd expressed his willingness to donate multi stage compressor to PDPU for R&D purpose. He also suggested a joint research project on waste heat recovery from compressor using vapor absorption system for cooling.
- ii) Mr. Rajendra R Desai, International Coordinator India from HTRI offered to deliver guest lecture on Heat transfer.
- iii) Based on the facilities in the Welding laboratory and Metallurgy laboratory, Mr. B S Kandpal, General Manager from Bureau Veritas, Ahmedabad expressed that these labs have high potential for undertaking consultancy and testing tasks. He also suggested getting NABL accreditation for the Manufacturing Labs & safety audit of the equipments.

### Nuclear Engineering Department

- Dr. S. K. Ghosh, Head, Food Technology Division from BARC, Mumbai highlighted the importance of Irradiation for preservation and hygienization. On these lines, Environmental Engineering Laboratory along with Department of Nuclear Engineering would submit a research proposal for financial support to Board of Research in Nuclear Sciences (BRNS). Dr. Anurag Kandya from the Environmental Engineering is coordinating with scientists from BRNS for submitting the research proposal.

### Chemical Engineering Department

- BASF Company and GACL delegates expressed their willingness to collaborate with the department for their ongoing industrial problems. They also accepted the

request for student internships, suggest dissertation topics along with exposure to the faculty.

#### Science Department

- Noting that there is a great demand for trained manpower in using sophisticated instruments, Industry delegates suggested to evolve such training programs.

#### Solar Department

- The industrial delegates extended options of internships to the students in the respective industries.

#### Electrical Engineering Department

- Adani Power, Transformers and Rectifier Ltd., have extended invitation to visit their premises for faculty exposure and offered to send their team for training at PDPU. They have expressed their willingness to deliver expert lectures
- Few Delegates expressed a desire to pursue further studies at PDPU.

#### LIST OF INDUSTRY DELEGATES

No.	Name of the Delegate	Designation	Company Name
<b>SCHOOL OF LIBERAL STUDIES</b>			
1.	Mr. Sandeep Kesaria	Director	Target Polymers
2.	Mrs. Reeta Kesaria	Director	Target Polymers
3.	Mr. Alok Das	Head – Business Development	Suzlon Energy Ltd.
4.	Mr. Samir N. Patel	Director	Amos Enterprise
<b>SCHOOL OF TECHNOLOGY</b>			
5.	Dr. M.B. Joshi	General Manager	SSNNL
6.	Dr. Naveen Malhotra	Group Head - HR	Sintex
7.	Dr. S K Ghosh	Head Food Technology	BARC
8.	Mr B S Kandpal	GM	Bureau Veritas Pvt Ltd
9.	Mr Babubhai Patel	General Manager	Sun Pharmaceutical Ltd
10	Mr Jagannath Oleti	Head – Human Resources, Heavy Engineering IC	Larsen & Toubro Limited
11	Mr JayeshKumar K Upadhyay	Dy General Manager	Elecon Group of Companies
12	Mr N Vijay Kumar	-	Elecon Group of Companies
13	Mr. Alpesh Desai	DGM Technical & Commercial	U R Energy
14	Mr. Annish Kumar	Assistant Manager	Tata Consulting Engineers
15	Mr. Bharat Jain	Member Secretary	Gujarat Cleaner Production Centre,

16	Mr. Hardik Mansukhbhai Raiyani	Managing Director	Amul Pumps
17	Mr. Jaimin Vasa	Sr Vice President	GCCI
18	Mr. Jeetendra Kumar Singh	Engineering & Technology Leader	Ingersoll Rand (India) Limited
19	Mr. Jitendra Singh	Director (R & D)	Electrotherm (I) Ltd.
20	Mr. Sagar Deshmukh	Regional Director	Lea Associates South Asia (P) Ltd
21	Mr. Sandeep Dixit	Associate Vice President (APTRI)	Adani Power
22	Mr. Sanjay Bhatt	Associate General Manager (Protection & Metering)	Adani Power
23	Mr. Sanjay Joshi	Head - HR	Electrotherm (I) Ltd.
24	Mr. Shaunak Shah	-	Komoline
25	Mr. Shri Aniruddh Zala	Manager- Research and Development	Transformers and Rectifiers (I) Ltd.
26	Mr. Sudhir Sethi	Vice President – HR	Inox India Ltd
27	Mr. Uday Trivedi	Associate Vice President (Head- Protection & Metering)	Adani Power
28	Mr. V. R Shah	Managing Director & Proprieter	Vinod Shah Consulting Engineers (P) Ltd
29	Mr. Vishal Ramnani	Deputy Manager R&D (Alternator and Starter Motor)	Auto Ignition Limited, Faridabad
30	Shri S S Agarkar	Asst Vice President	Godrej & Boyce Mfg Co
31	Shri Vinod Patel	Dy. Manager (R&D)	AMTECH Electronics (India) Ltd
32	Mr. Rajesh Subramaniam	MD	IDMC
33	Mr. Srinivas Ellapakurthi	VP	ATRECO
34	Mr. Manish Patel		Kamdhenu Infra & Leasing
35	Mr. Satyendra Gaur	VP	Adani Wilmar
<b>SCHOOL OF PETROLEUM MANAGEMENT</b>			
36.	Mr. Arup Mukherjee	MD & CEO	India International Clearing Corporation (IFSC) Ltd
37.	Mr. V. Soundararajan	Chief Regulatory Officer	India International Exchange (IFSC) Ltd.
38.	Mr. Mehul Khakhi	Account Lead- Lenders' Technical Advisory	Mott MacDonald
39.	Mr. Anirban Banik	Associate Director	Protiviti
40.	Mr. Rajiv Bhatt	Executive Director	Ernst & Young
41.	Mr. Sundeep Singh	HR Official	E&Y

42.	Mr. Dipesh Shah	Head - IFSC	GIFT City, Gandhinagar
SCHOOL OF PETROLEUM TECHNOLOGY			
43.	Mr. Tapas Baldia	-	Arham Oil Gas Products & Services
44.	Mr. Gurvinder Anand	Zonal Engineer	Essar Oil & Gas
45.	Mr. D.V. Shastri	Executive Director (HR)	Gail India Ltd.
46.	Mr. Sateesh M Pillai	Head - Proposal & Estimation	L&T Hydrocarbon Engg.
47.	Mr. S.D. Navare	VP - Head Onshore Vertical	L&T Hydrocarbon Engg.
48.	Ms. Aparna Bera	Geoscience Consultant	Delonex Energy
49.	Mr. Jayanti Parmar	Head - HR	BASF
50.	Mr. Purshottam Chandak	Site Director	BASF
51.	Mr. Jayant Bahekar	Site Director	BASF
52.	Mr. Sidhartha Sur	Executive Director	ONGC
53.	Ms. Vibhuti Bhargava	Production Engineer	SIAM Services India Pvt Ltd
54.	Dr. B.V. Bhushan	-	ONGC
55.	Mr. Kunal Saha	-	ONGC
56.	Mr. Rajesh Kumar	-	ONGC
57.	Mr. Rajan R Desai	International Coordinator, India	HTRI
58.	Mr. A.K. Jain	DGM (Chemistry)	ONGC
59.	Mr. Sujit Mitra	Chief Manager (Reservior)	ONGC
60.	Mr. Aditya Mukherjee	Business Development Manager	SK Oilfield Equipment Co. Pvt. Ltd.
61.	Mr. Pankaj Jain	Head - Offshore Assets	Cairn India
62.	Mr. Geza A Bethen	Regional Manager LAO	Radial Drilling
63.	Mr. Vaibhav Kansal	Field Service Manager	HLS Asia Limited
64.	Mr. S.Hrashavardhan	-	HLS Asia Limited
65.	Mr. Alpesh Gondalia	Reservior Engineer	OILEX Ltd.
66.	Mr. Arnav Bhattacharya	Process Engineer	Shell India Markets Pvt Ltd.
67.	Mr. Ajit C Kapadia	Chairman	Quanta Process



*[Handwritten Signature]*

Registrar