



# Pandit Deendayal Petroleum University

## Best Practice No. 1

**Title of the Practice:** Internationalization of Education

**Objectives of the Practice:**

1. To develop global professionals by providing international educational exchange to university students
2. To create visibility of university in global educational scenario by collaborating with other reputed institutions and student exchange programs.
3. To provide international orientation of educational programs and to explore international cooperation in education and research in association with international universities and industry experts.

**The Context:**

The vision of the university is to be an efficient and competent source of technical manpower for the current and future industrial requirements. University focuses 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. Internationalization of education is the top stage to improve the quality of education and becoming globally competent. The knowledge translation and acquisition, mobilization of talent in support of global research and enchantment of the curriculum with international content are the benefits of internationalization of higher education.

**The Practice:**

- A. **Study in India Program (SIP):** To stimulate Internationalization on campus, the University has initiated “Study in India Program (SIP)” which is customized short term programs framed in 02-12 weeks designed to focus international diasporas to expose them to various facets of India. The principal objective of this interdisciplinary course is to provide a basic understanding of the Indian society and how it grew, its cultural heritage, political, social and economic scenario and its growing important role in the world affairs. The beauty of the program lies in its interdisciplinary nature which aims at demonstrating the multifaceted and variegated Indian religions and cultures. The University has successfully organized 8 such SIPs with 4 unique International partners & given exposure to 100+ international students & faculties.

- B. International Student Fraternity:** The University strives to enhance cultural diversity on campus and value its contribution in the learning experience. The University has become an institution of international repute and resonates with innovation, research, contemporary pedagogy, vibrant campus more than 160 fulltime students from more than 20 different countries i.e. Afghanistan, Bangladesh, Bhutan, Cameroon, Ethiopia, Fiji, Ivory Coast, Kenya, Mozambique, Nepal, Philippines, Rwanda, Sri Lanka, Syria, Tanzania, Uganda, Yemen, Zimbabwe, USA, Canada, etc. the University also hosted more than 450 international students in the short-term programs like Study in India & AIESEC Inbound.
- C. Semester Exchange & Abroad Program:** Through study abroad/exchange program, enhancing four skill areas of students: The academic/intellectual, the Professional, the Personal and the Inter-Cultural; enhancing the academic visibility of individual as well as organization. Students are getting financial support in terms of US State Department Scholarship or University Scholarship. Till now, total 27 students have been benefitted from this initiative.
- D. Travel Grant Initiative:** Travel grant scholarships are provided to the students of the University for International and National paper presentations. 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 by many of the students have presented papers in the countries like UK, Spain, Singapore, Malaysia, Dubai, USA, Bahrain, China, Sweden, Oman, Egypt, Canada, Thailand, Sri Lanka, Germany, etc. Around 158 students have taken benefit of travel grant support for year 2019-20.
- E. Faculty with Foreign Exposure:** The University recruits faculty members qualified from IITs, NIITs and reputed universities at abroad. University has more than 30 faculty members who have more than three year of education or research experience from universities at abroad in terms of doctorate degree or post doctoral studies.

**Evidence of Success:**

1. 175+ foreign students are on campus perusing fulltime UG and PG programs at our university
2. The University has successfully organized 8 such SIPs with 4 unique International partners & given exposure to 100+ international students & faculties.
3. 50+ foreign students completed internship under AIESEC Inbound program and 75+ students of the University have completed internship at foreign universities under AIESEC Outbound program
4. Around 158 students have taken benefit of travel grant support for year 2019-20.
5. More than 30 faculty members who have more than three year of education or research experience from universities at abroad in terms of doctorate degree or post doctoral studies.
6. Collaborative research projects and joint publications with Universities at abroad

## **Problems Encountered and Resources Required**

1. Some of the challenges faced by international students are a language barrier, cultural differences, homesickness, or financial issues.
2. Relocation of foreign faculty members in India.

## **Best Practice No. 2**

**Title of the Practice:** Introduction of Capsule Courses

### **Objectives of the Practice:**

Capsule courses are introduced to improve the competency and employment quotient of the students. The nature of such courses will be so as to equip students for peripheral and futuristic skills and knowledge to enhance their employability and understanding of the subject.

### **The Context:**

Capsule courses offered are on General Accounts/Finance/Human Relations/Public Administration/Energy Value Chain/Environmental Management/ Business Communications and alike. The introduction of the Capsule courses would help students in inter-disciplinary learning and generation of employability.

### **The Practice:**

1. The Capsule courses are taught by industry professionals on General Accounts, Finance, Human Relations, Public Administration, Energy Value Chain, Environmental, Management, Business Communications, industrial safety and alike.
2. The students are required to pass minimum three capsule courses during to qualify for their graduation.
3. The capsule courses are other than regular credit courses which are offered during the weekends.
4. List of the capsule courses planned out:
  - a) Fundamentals of Finance
  - b) Happiness
  - c) Introduction to Python Programming
  - d) Accounting for Managerial Decisions
  - e) Principles and practice of Management
  - f) Public Service Delivery,
  - g) Introduction to Electric Vehicles,
  - h) Lean System,

- i) Business Etiquette & Social Etiquette Performance Enhancement Course,
- j) Smart Cities
- k) Project Management
- l) Global Citizenship
- m) Supply Chain Management
- n) Solar Energy Technologies
- o) Internet of things
- p) Artificial Intelligence
- q) Robotics
- r) Renewable Energy Engineering

**Evidence of Success:** For A.Y. 2019-20, fourteen capsule courses were offered in which 789 student participated. The details of the capsule courses are given below.

Sr. No.	Name of the Capsule Course	Number of students enrolled
1	"Introduction to Graphic Designing with In-design Software"	51
2	"Articulation and Creative writing"	21
3	"Accounting for Managerial Decisions"	25
4	"Artificial Intelligence and New Business Horizons"	65
5	"New Age Banking"	52
6	"Introduction to PYTHON PROGRAMMING"	69
7	"Artificial Intelligence & Machine Learning"	61
8	"Robotics"	40
9	"Internet of things"	78
10	"Financial Innovation & Fundamentals of Finance"	70
11	"Dynamics of Family Business and Sustainability"	40
12	"Project Management"	85
13	"Design Thinking"	30
14	"Lean Management"	102
	<b>Total Student</b>	<b>789</b>

### Problems Encountered and Resources Required

1. Difficulty in engaging more industry professionals in offering capsule courses, for the reason largely of their occupational engagement.



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Registrar