



Shreeyash Pratishthan's

Shreeyash College of Engineering & Technology

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Best Practices

Best Practices 1: Launch of Institution's Innovation Council (IIC)

Objectives of the practice:

- To conduct various Innovation, IPR and entrepreneurship-related activities prescribed by MIC in time bound fashion.
- Identify and reward innovations and share success stories.
- Organize periodic workshops/ seminars/ interactions with entrepreneurs, investors, professionals and create a mentor pool for student innovators.
- Network with peers and national entrepreneurship development organizations.
- Create an Institution's Innovation portal to highlight innovative projects carried out by institution's faculty and students.
- Organize Hackathons, idea competition, mini-challenges etc. with the involvement of industries.

The Context

The SYCET is a centre of excellence for training, imparting knowledge, and producing quality engineers in their specialized professional programme. We provide an in-depth education in engineering and advanced technology in different branches such as Computer Science & Engineering, Mechanical Engineering, Civil Engineering, Electrical Engineering, and Electronics and Computer Engineering. We encourage students to apply what they learn through projects, internships, and research. In view of benefiting the students and faculty members of our institute, The Governing body including the principal has decided to establish Institution's Innovation Council (IIC) at the SYCET on September 2021.

The Practice

Faculty members, students, and entrepreneurs have been invited to become a part of the IIC at SYCET. The IIC team has faculty members as well as student members performing their roles in accomplishing IIC activities. There are 11 faculty members, 18 student members, and 1 external member of IIC at present. From September 2021,

the institute is continuously doing the activities such as IIC-driven activities, MIC-driven activities listed on the portal of IIC and also doing Self-driven activities. The faculties and students have also been encouraged to participate in the sessions organized by MoE's Innovation Cell (MIC) and other renowned institutes. The IIC team organizes various events on celebration days such as world earth day, innovation day, education day, entrepreneurs' day, Women's Day, etc. by involving faculty members, students, and staff. The IIC team encourages and trains the students to participate in innovation, IPR, and entrepreneurship activities. The innovative idea competition- 2022 and internal Hackathon have also been organized by the IIC members at SYCET and selected candidates have been approved to participate in Smart India Hackathon- 2022. The IIC team has faculty members and students from different disciplines and streams such as 1 faculty and 2 students from Computer Science & Engineering, 3 faculties and 13 students from Mechanical Engineering, 2 faculties and 2 students from Civil Engineering, 1 faculty and 1 student from Electrical Engineering, and 1 faculty from Electronics and Telecommunication Engineering, and 2 faculties from Management studies, and 1 faculty from Engineering Science Department. However, diversity is maintained by the IIC at the institute thereby faculty members and students from all the departments and disciplines can be benefitted from the activities organized by the institute.

A. Brief mention of key functionaries at the IIC Institute

Sr. No.	Name of Member	Member Type (Teaching/ Nonteaching / External Expert)	Key Role/ Position assigned in IIC
1	Dr. Hulas Raj Tonday	Teaching Staff	President
2	Dr. Masarrat Sultana	Teaching Staff	Vice-President
3	Dr. D. Venkata Ramana	Teaching Staff	Convener
4	Prof Anil Palve	Teaching Staff	Internship Activity Coordinator
5	Prof. Ganesh Wayal	Teaching Staff	Starup Activity Coordinator
6	Dr. Hulas Raj Tonday	Teaching Staff	Innovation Activity

7	Prof. Sakharam A Shimple	Teaching Staff	IPR Activity Coordinator
8	Prof. Vijay H Nimbhore	Teaching Staff	Social Media
9	Prof. Saad Siddiqui	Teaching Staff	ARIIA Coordinator
10	Prof. Aamer N sheikh	Teaching Staff	NIRF Coordinator
11	Dr. H A Khawal	Teaching Staff	Member
12	Mr. Kerron Vaishnav	External Expert (entrepreneur)	Member

- President: To call meeting of all the faculty members and student members; to prepare quarterly plan for conducting IIC activities; upload activity reports to the IIC portal.
- Vice President: to coordinate with IIC president, to organize celebration activities and prepare reports.
- Convenor: To coordinate with faculty members and student members for effectuating the quarterly plans.
- Coordinators: faculty members and student members have been assigned different roles of activity coordinators. They have been instructed to accomplish different tasks related to their activities.

Evidence of Success

SYCET has well-qualified and experienced faculty members and talented students who are working towards promoting the innovation ecosystem. One faculty of the institute published and granted 1 patent and one faculty filed 1 patent. Several faculty members have published research papers in different field of research. 1 faculty got award for best paper presentation in a conference. One of the team of students won the first price in Innovative idea competition-2022. One of the team of students selected for KPIT Sparkle Innovative idea competition. One group of students (Ms. Mansi Kulkarni, Mr. Shubham R. Jadhav) have developed a solar-operated multipurpose household device. One group of students (Mr. Sudarshan Chaudhari, Mr. Yash Deore, Mr. Rutvik Pawar, Mr. Tushar Temkar) have developed an engine-operated onion harvester machine, which is very useful for farmers of nearby villages. Faculty members of SYCET always encourages students to work towards the innovations and start-ups and establish their own enterprises.

There are following students who have set-up business:

Sr. No.	Name of Business/ Start-up	Name of Students	Sector/area
1	AASARA Enterprises	Shubham Pawar	Service
2	Jadhav Solar Systems	Shubham R. Jadhav	Service and Installation
3	B. S Cube Engineers	Bhagwat Suresh Chitte	Construction materials
4	R. K. Industries	Rohan Kulkarni	Manufacturing
5	Suryoday Solar Pvt.Ltd Aurangabad	Ajinkya Mitkar	Service and Installation

**Participation of IIC-institute in various programs of Central and Stage Govt.
Highlighting specially for the schemes or programs**

- ARIIA – participation and Rank

SYCET is actively participating in ARIIA from last three academic years. Prof. Saad Siddiqui, MBA Department is the ARIIA coordinator of the institute.

- NISP Adoption status - Trained Faculty, Policy Formulation, Policy Implementation

SYCET is working for implementation of National Innovation and Startup Policy 2019 (NISP). The institute has developed strategies for Promoting Innovation & Entrepreneurship. institute is creating innovation pipeline and pathways for entrepreneurs and many more policies.

- Smart India Hackathon etc.

The innovative idea competition- 2022 and internal Hackathon have also been organized by the IIC members at SYCET and selected candidates have been approved to participate in Smart India Hackathon- 2022. There were 30 groups of students have participated in internal Hackathon from which 12 groups have been shortlisted and approved to participate in Smart India Hackathon- 2022. There were 2 groups of students who have also participated in MSME Idea Hackathon- 2022 organized by Ministry of MSME, Govt. of India.

Major Focus

- To create a vibrant local innovation ecosystem.
- Start-up supporting mechanism in the Institute.
- Prepare institute for Atal Ranking of institutions on innovation achievements framework.

- Establish function ecosystem for scouting ideas and pre-incubation of ideas.
- Develop better cognitive ability among students.

Highlight Achievements (Narrative/Graphical/tabular representation)

- Number and Different types of I&E and IPR activities Conducted= 6
- No. of student's & faculty ideas generated= 13
- No. of student's & faculty Innovation/prototypes developed= 2
- No. of IPs generated, published and granted = 1
- No. of Student & Faculty Start-ups/Ventures established = 05
- Amount spent on promotion and awareness generation on Innovation Entrepreneurship on the campus= 85000 (Rupees)
- Amount grant or fund supported to student & Faculty lead Innovations, start-ups, and IPR = 25000 (Rupees)

Key Outcomes:

- Conducted various activities such as poster competition, innovative idea competition, essay writing competition, and model making competition.
- Organized periodic workshops/ seminars/ interactions with entrepreneurs, investors, professionals and researchers.
- Network with peers and national entrepreneurship development organizations MSME development center, IGTR.
- Organized internal Smart India Hackathons, idea competition, mini-challenges.
- Encouraged students to participate IPR and entrepreneur activities.
- Organized activities on celebration days such as entrepreneur's day, national technology day, women's day ozone day, World Earth Day, world Environment Day.

Problems Encountered and Resources Required:

There are no problems confronted by institute however since it is a self-financed institution, the resources are mobilized through various sources so as to provide the concessions to the students.

Photographs of events:

Shreeyash Pratishthan's
Shreeyash College of Engineering & Technology, Aurangabad
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Photos of Event:






 Dr. H. A. Tondoy
 CES Head

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 Dr. H. A. Tondoy
 CES Head






CERTIFICATE OF ESTABLISHMENT

This is to certify that
Shreeyash Pratishthan's Shreeyash, Aurangabad
 has established an Institution's Innovation Council (IC202115955) in the campus as per
 the norms of Innovation Cell, Ministry of Education, Govt. of India during
 the academic calendar year 2021-22


 Prof. Anil D. Sahasrabudhe
 Chairman
 IIC


 Dr. Akhaya Jure
 Chief Executive Officer
 Ministry of Education's Innovation Cell


 Shri. Dipan Kumar Saha
 Assistant Innovation Director
 Ministry of Education's Innovation Cell

Certificate No. 2021
Alpha Code: C-1026
Date: 07.10.2021

Best Practices 2: Shreeyash Mega Job Fair

Objectives of the practice:

Providing employment to the students as per their knowledge, background and the capability is one of the important tasks of any of the educational Institutes. It was the core objective of this Job Fair.

1. To offer employment to the students across the state.
2. To provide best of the manpower to the companies from different sectors under one roof.
3. To give an opportunity to the students to learn by appearing the interview and the other assessment tests.
4. To explore the expectations of the industry from the students in terms of knowledge and skills.
5. To know the opinion of the industry about the current syllabus of the University.
6. To make the students learn about the successful conduct of an event like Job Fair.
7. To invite the HR Managers, Corporate Executives to see the teaching-learning facilities offered by the Institute to the students.

The Context

Providing employment to the students as per their knowledge, background and the capability is one of the important tasks of any of the educational Institutes. It was the core objective of this Job Fair. The job fair offered employment opportunities in various sectors on one side and diverse and best of the manpower was made available to the companies under one roof. More than hundred companies were invited for the job fair. Continuous follow up was done with them. Out of which 57 companies agreed to participate in job fair as per their requirement.

The Practice

The Institute invitation committee also sent invitation to more than 600 colleges across the states for the participation in job fair. Visits to local engineering, pharmacy, MBA, ITI and graduation colleges were done to create the awareness about the job fair. Companies from Mumbai, Pune, Nashik, Chhatrapati Sambhaji Nagar, Jalna, Beed, Hyderabad participated in the Job Fair. The companies from different sectors like auto-ancillary, hospital sector, electrical products and components, pharmaceuticals, services, consultancies, IT, banking services, steel and real estate participated in the job fair. The Job Fair was inaugurated at the auspicious hands of Dr.

Udhav Waghmare, General Manager-HR, IT & Legal Issues, Dhoot Transmission Chhatrapati Sambhaji Nagar. The Institute had offered faculties as company coordinator and students coordinators to each and every recruiting firm. A separate interview area was offered to each and every recruiter. Few of the recruiters conducted group discussion and written test while remaining all the recruiters conducted the interviews. The company coordinators and the student coordinators helped the HR Managers, recruiters to carry out the recruitment process in a smooth manner.

Evidence of Success

Total 1204 students participated in the job fair. Each student has given a chance to participate in three company's interviews as per his eligibility, experience and branch. Total 2468 students appeared for an interview conducted by 40 companies. Out of which 183 students were selected and 496 students were shortlisted for the next round. MoUs were signed with six companies.

Problems Encountered and Resources Required

There are some problems identified and resources provided to implement the practice. These are:

1. Budgeting is the number one most challenging aspect of event planning, according to experienced event professionals in this event.
2. Not prioritizing networking activities is an event challenge.

Committees:

One core committee was created under the leadership of Head-Central Training and Placement Cell Shreyash Pratishtan. Other committees involved in the job fair were as follows.

1. Overall Conduct Committee
2. Reception Committee
3. Registration Committee
4. Promotional Material Committee
5. Media & Publicity
6. Industry Invitation Committee
7. Institute Invitation Committee
8. Infrastructure and Venue
9. Technical Committee
10. Food Committee
11. Accounts Committee
12. Transport Committee
13. Discipline Committee

14. Housekeeping, Parking and Security Committee

15. Photography Committee

16. Students Committee

List of committees is also attached herewith.

Each company representative was accompanied by one faculty member as Company Coordinator and 4 students as student coordinators. They helped the HR Managers to conduct the interviews in a systematic manner. List of companies and Company Coordinators is also attached herewith.