

# **BEST PRACTICES (2020-21)**

## **Presentation of Best Practices-01**

### **1. Title of the Practice**

Launch of Institutions Innovation Council towards fostering innovation culture.

### **2. Objectives of the Practice**

The primary mandate of the Institution Innovation Council is to encourage, inspire and nurture young students by supporting them to work with new ideas and transform them into prototypes while they are in formative years.

### **3. The Context**

There is a need for a complete ecosystem to foster the culture of Innovation from ideas generation to pre-incubation, incubation and graduating from the incubator as successful start-ups.

### **4. The Practice**

Different Cells function under IIC which are as follows:

1. **The Innovation and Entrepreneurship Development Centre:** It aims to familiarize students with the entrepreneurial journey and provide them with access to high quality mentorship and global exposure.
2. **Innovation Cell:** It encourages the students and faculty to think innovatively to generate new ideas for their start-ups as entrepreneurship opportunities.
3. **Intellectual Property Cell:** It creates and promotes awareness and provides guidance to faculty and students on the approaches and practices regarding Intellectual Property Rights & Obligations/ Legal Requirements.
4. **Skill Development Cell:** Promotes and inculcates professional skills among students by providing diversified skill development courses relevant to the changing economic & business environment.

## 5. Evidence of Success

- The institution received a **4 Star Rating** for its Institutions Innovation Cell by the Ministry of Education, Innovation Council.
- **51 events/** activities were organised by the four wings of IIC.
- IIC catered successfully to the needs of students as well as faculty entrepreneurs with innovative ideas of social relevance and thereby disseminating a culture of entrepreneurship on the campus.
- IIC has been able to provide required infrastructure that can enable students and faculty to innovate and prototype their ideas.
- Students/Faculty associated with ICs were given the exclusive opportunity to participate in various Innovation related initiatives and competitions organized from institution level to international level.

## 6. Problems Encountered and Resources Required

Arranging funds for the growing startups is a pressing concern.

## 7. Notes (Optional)

None

## **Presentation of Best Practices-02**

### **1. Title of the Practice**

Transforming technical and creative ideas of faculty as well as students into Intellectual Property ( IP) through Intellectual Property Cell (IPR Cell)

### **2. Objectives of the Practice**

1. To inculcate IPR awareness through various outreach and promotion activities.
2. To encourage faculty and students to think innovatively and carry out impactful research, well suited for grant of IPRs.

### **3. The Context**

During its induction in October 2019, the IPR Cell started off with no faculty or students having any IP credits. The major challenge faced by the team was to spread word on the importance of having one's IP secure and to get individuals to come forward with their work. With this initiative and support, today the IPR Cell of the institution has successfully assisted its faculty in obtaining a total of six copyrights in different streams of arts, commerce, science and technology. However, the effort behind filing a patent is still in progress.

### **4. The Practice**

The institution's IPR Cell in consortia with the Institution's 'Innovation Cell' and 'Research & Development Cell' fosters innovation and creativity among young entrepreneurs and enhances research among faculty. Emerging output in terms of start-ups, novel technology, creative writings, etc need to be protected to safeguard the interest of creators of intellectual property. The Cell initiated its responsibility by creating awareness about different forms of IP among faculty and students. Despite the pandemic situation, online webinars were conducted on various aspects of IP to improve their knowledge about the subject. The Cell thrives to secure IP rights for our highly skilled and motivated faculty carrying out research, as well as students initiating their start-ups. Entrepreneurship is encouraged so that the financial value of IPRs is captured. Efforts are made to increase the number of IPs and get value for IPRs through commercialization.

## 5. Evidence of Success

The exposure of faculty and students to the IPR Cell has enhanced their learning and led to improvement in the number of copyrights. IPR Cell has been able to file 08 and secure 06 copyrights in just one year. The statistics is indicative that IP awareness has sensitized the inventors and creators of IP and have succeeded in taking measures for protection and enforcement of their rights.

- ***Number of Copyrights registered:***

Sr. No.	Name of the faculty	Registration No.	Topic	Type of Work	Date applied	Date registered
1	Ms. Suparna Deepak	L-92119/2020	TCF7L2 Genetic Variants in a Worksite population of Mumbai	Literary/Dramatic Work	27.03.2020	15.06.2020
2	Dr. Navami Dayal	L-9331/2020	Development of a Novel and Reliable Method for Oral administration of Drug to Adult Zebrafish (Danio rerio)	Literary/Dramatic Work	19.03.2020	30.07.2020
3	Dr. Remya V and Ms. Bhakti H	L-97887/2020	Synthesis of Silver Nanoparticles (AgNP) using Ruta Graveolens L and its Characterization	Literary/Dramatic Work	31.08.2020	21.12.2020
4	Ms. Bhakti H and Dr. Remya V	L-101342/2021	Green Synthesis and Characterization of Silver Nanoparticles (AgNPs) using leaves of Trachyspermium Ammi and Evaluation of its Antimicrobial Activity	Literary/Dramatic Work	08.02.2021	05.04.2021
5	Dr. Farhat Shaikh	L-102466/2021	Use of Information and Communication Technology (ICT) for Quality Enhancement in Teaching Processes for the Undergraduate Students of Commerce Stream in Mumbai City	Literary/Dramatic Work	15.03.2021	26.04.2021
6	Ms. Nithya Varghese	L-102597/2021	Investment pattern of Salaried employee Investors in Navi Mumbai City	Literary/Dramatic Work	15.03.2021	29.04.2021

- **Number of Webinars:**

Sr. No.	Activity name	Organized by	Date	Level	Participants	
					Faculty	Students
1	IPR and Indian Patenting Landscape	IPR Cell	10.09.2020	National	25	169
2	KAPILA: Kalam Program for IP Literacy and Awareness	IPR Cell in association with MHRD Innovation Cell	15.10.2020 to 23.10.2020	National	00	58
3	IPR Literacy & Awareness Program: Session 1	IP Club (Student Activity)	15.01.2021 to 25.01.2021	State	00	34
4	Identifying IP Component at an Early Stage of Innovation	IPR Cell	28.01.2021	State	23	60
5	Orientation Session on “IP Filing Process”	IPR Cell	31.03.2021	National	41	169
6	Session on “Why IP is important in academia?”	IP Club in association with MHRD Innovation Cell	26.04.2021	National	13	18

## 6. Problems Encountered and Resources Required

- In academic institutions such as ours, portfolio enhancement weighs more than commercial returns. Thus, it becomes every individual’s responsibility to contribute with the best IP for their own as well as college’s upliftment.
- The development and execution of the initiatives has to be done in tandem with the routine academic responsibilities of the staff. A cue from this is, more projects will have to be brought in by students and faculty, which can be performed as a part of regular curriculum.
- Efforts are in pipeline to hire on board an IP Consultant to improvise on patenting strategies for the benefit of the institution.