

7.2.1
QIM

Describe two best practices successfully implemented by the Institution as per NAAC format provided in the Manual.

Best Practice - II

1. Title of the Practice

Creating transformation and transition in innovation through valuing Intellectual Property protecting novel technologies and prioritizing protection for Intellectual Property (IP)

2. Objectives of the Practice

Following are the objectives:

- **Awareness:** To create awareness and educate on Intellectual property rights (IPR) among faculty and students of the college.
- **Holistic Guidance:** To conduct workshops, activities and training programs on IPR.
- **Legal Implications:** To provide guidelines on applicable laws and regulations regarding IPR.
- **Technical & Managerial Support:** To assist the students and faculty right from the filing process to grant of the patent.
- **Mentoring:** To advice and guide faculty and students on the importance of IPR.

3. The Context:

Intellectual Property is the property owned by a human intellect which includes various property rights such as patents, trademarks, copy rights, trade secrets, etc. Keeping in view the increasing importance of IP, Indian government has revised the National IPR policy in May 2016.

Through this practice, we provide the direction to the faculty and students to create and synergize the different forms of intellectual property. We provide constant guidance, monitoring and review to bring the best out of raw ideas.

Providing a conducive research environment to the researchers for IP is bit challenging too as it requires huge investment in time as well as money along with the sincere efforts of the researcher. Challenges like generation of innovative ideas, cost of protection, IP Lawsuits, lack of awareness, IP Documentation etc. needs constant and immediate redressal to foster the processes.

4. The Practice

- Awareness creation regarding the need of IP filing, mechanism and methodology involved in filing IP in India and globally, especially amongst students and faculty of higher education institutions. The IP assistance cell has a predefined process of evaluating the raw ideas generated by the staff and students who have undergone the awareness phase. A search report is generated on each idea submitted to the IP Assistance Cell followed by the filing of patent with Indian Patent Office. The full time assistance is provided to the inventor beginning with the submission of idea till the grant of patent by Indian Patent Office.
- The IP count of the Institute will set foundation for institute's participation in MoE's Innovation and Entrepreneurship initiatives such as IIC, ARIIA, Hackathons, NISP, National Innovation Contest, and YUKTI 2.0 and related programs at MIC and AICTE.
- Strengthening the industry academia interface by promoting the commercialization and technology transfer of filed IPs.
- Active participation and involvement of students, faculties and staff Sensitization and vibrant IP filing ecosystem in the institution
- The IP cell at the Institute is responsible for evaluating, marketing, licensing and managing of the IP generated at the institute.

5. Evidence of Success

The institute has the practice of providing assistance to the faculty and students on IP filing, publishing, grant, evaluating, marketing, licensing and commercialisation. As a result of

continuous efforts, we have reached a count of 1000+ patents filed to our credit out of which 500+ are published & 10 are granted and many others are on the verge of getting granted. Apart from this, we are also focussing on commercialisation of the patented technologies to bridge the gap between industry academia interfaces.

More than 50% of the innovations are rural centric which involves the solutions to the problems being faced by the community. The list includes many patents like Soil Nutrients Supplier Harvest Reaper, Monitoring of Water Supply System and a Method for the Same, Waste water Management System, Personal Response System For Differently Abled Persons and many more.

Our inventions and innovations are inclined with the community related issues which aims to provide quick and easy solutions to the people at their disposal. Also, we have received 4th Rank from the Indian Patent Office for being the highest IP filing educational institutes in the year 2021-22.

6. Problems Encountered and Resources Required

Following are different challenges that we encounter during the setup of IP Assistance Cell.

- **Registry Issues, Backlogs, and Delays:** The time period involved from the filing of IP till the grant of patent is a longer tenure.
- **Cost of Protection:** The cost involved in the protection of an idea by filing IP is quiet higher.
- **Lack of Awareness:** The lack of awareness among the students & faculty about legal implications and benefits of IP.
- **Portfolio Management:** Portfolio managers are required to monitor the expiration dates of applications and renew them as necessary.
- **IP Documentation:** It involves legalities thus it becomes a challenge to take care of.

Resources: There is a need to establish information resources in the organisation which includes IP statistics, documents, publications, case studies etc to collate, analyse & publish up to date statistics.