

Best Practices

The institute has adopted the following two best practices in AY 2018-19.

Best Practice 1: Monitoring of class room teaching and seeking live feedbacks

In order to check content delivery in class room, it was decided to monitor class room teaching and seek live feedbacks. In this respect, it was decided to prepare a committee of two members for taking live feedbacks wherein one member should be from parent Department. The guidelines are provided to committee members as follows.

1. Total time allocated per class will be 20 Min
 - a. 5 min Observation.
 - b. 10 Min Question Answer.
 - c. 5 min Student Interaction.
2. Total of 10 students will be questioned from each class, selection criteria as mentioned below
 - a. Three students from front benches.
 - b. Four students from Middle benches.
 - c. Three students from back benches.
3. Ask a question and see how many students raise their hands to respond.
4. Minimum of 6 out of 10 students are expected to answer correctly.
5. Teaching Assessment of faculty by evaluators must take at least once in a semester, twice if the feedback is low for first time.
6. After evaluation, original copy should be provided to HOD and other copy should be given to faculty for continual improvement.

The committee members completed monitoring of class room teaching of all faculty members and the report was discussed with the concerned teacher in presence of HOD for continual improvement.

Best Practice 2: Establishment of Zeal Intellectual Property Facilitation Center (ZIPFC)

The economic policy and the signing of agreement on trade related aspects of intellectual rights by India and other member countries of World Trade Organization (WTO) lead to the beginning of a new era. The advancements in the IPR have been vital and now India recognizes product patents in every field of technology. The movements have such that there have been almost three amendments in Patent Acts through legislation. Furthermore, India now has a new Industrial Design Legislation, new Trademark law, new amended Copyrights act whereas Performers Rights have been increased from 25 to 50 years.

At this juncture, it is quite important that the industrial fraternity, academicians, scientists as well as individual citizen remain updated with recent developments in the field of IPR. More so, it is

crucial as an empowerment tool for the Micro, Small and Medium Enterprises (MSMEs) which contributes significantly to the manufacturing output, employment and exports whilst rendering consistently higher growth rate compared to the overall industrial sector. The lack of information and knowledge to protect intellectual property seemingly ails this sector to a great extent. Hence, a step in this direction has been taken by establishing an Intellectual Property Facilitation Centre (IPFC) at Zeal Education Society's, Zeal College of Engineering Research, Narhe, Pune for assisting MSMEs.

The principal objectives of ZIPFC:

1. To encourage creative and innovative research leading to the generation of new ideas and inventions.
2. To facilitate the transfer of ZIPFC – developed research results and new ideas and inventions.
3. To provide faculty members, staff and students of Zeal Education Society(ZES) assistance in assessing the patentability and commercial potential of their Inventions. To train faculty members, staff and students about provisional patent filing procedures in India.
4. To make faculty members, staff and students familiar with basic Patent filing process make them aware about the various requirements/data to be provided for filling of patents.
5. To facilitate the filing of applications and licensing where prima facie the ZES finds it patentable.

Services provided by ZIPFC:

1. ZIPFC shall guide and help the faculty members and students of ZES in patentability assessment and to apply for various IPRs such as Inventions, Designs and other creative work.
2. The faculty members and students desirous of filing a patent or for any other IPR application would be given the necessary advice and guidance by the FC.
3. Free patent search and filing assistance to government departments, government institutions and
4. academic bodies.
5. Supply of full text patent documents
6. Awareness through seminars, lectures and workshops
7. Analysis of patent information
8. Technical, financial and legal assistance for filing patent, copyright design, trade mark etc.
9. On chargeable basis for industries and private entrepreneurs.

Composition of ZIPFC/IPR cell:

Principal - Chairman
Dean (Research and Development) - Coordinator
In charge (ZIPFC) - Co-coordinator
Dean (Academics) - Member
Concerned HOD - Member
Accounts Officer - Member

As a result, faculty members and students have filed 16 and 22 patents respectively.