



Innovations and Entrepreneur Development Cell

An Innovations and Entrepreneur Development Cell (IEDC) was constituted in the MCET for fostering and incubation of innovative activities. IPR Cell was being integrated with the IEDC Cell during the time. One faculty from each department are the members of IEDC. One student representative from each department is being involved as a member of IEDC. All the members of IEDC were being actively involved to foster growth of Innovation amongst the faculty and students, thereby promoting the entrepreneurial culture in the college.

The incubation center of MCET or IEDC currently has developed some working models for the betterment of the industry that includes portable refrigerator system, hybrid energy management system, wireless portable mixer grinder system, automatic wheel chair, chainless bicycle, charge less power bank (no need to charge it ever), etc.

The major aims of the established IEDC are:

- To organize Entrepreneurship Awareness Camps, Entrepreneurship Development Programs, Faculty Development Programs and Skill Development Programs in the institution.
- To initiate innovative student projects each year for new innovative product development.
- To guide and assist prospective entrepreneurs on various aspects such as preparing project reports, obtaining project approvals, loans and facilities from agencies of support system, information on technologies, etc.
- To arrange interaction with entrepreneurs and create a mentorship scheme for student entrepreneurs.
- To facilitate creation of entrepreneur's club in each department to foster culture of entrepreneurship amongst students.
- Encouraging filing of patents.

A couple of meetings between Members and Coordinator of IEDC were carried out in regular times for observing the progress of aimed targeted of IEDC.

Activities and Outcomes:

The following are the outcomes of IEDC towards incubation of innovative activities:

- Students of MCET have carried out an excellent piece of work in their projects.
- An IPR Cell was established in MCET. The major role of IPR cell was to nurture the research impact and improve the academic activities in the institution.

- Three (03) Patents were filed and published by the faculty of MCET based on their innovative works (details are attached herewith in ANNEXURE-3.2.1A).
- About two (02) Patents are in Pipeline based on the innovative project works carried out by the students of MCET.
- About 10 students of Department of EEE were formed into three (03) groups and incubated Portable Refrigerator System, Hybrid Energy Management System, and Wireless Portable Mixer Grinder System (details are attached herewith in ANNEXURE-3.2.1B).
- A workshop on Intellectual Property Rights (IPR) was organized by the constituted IPR Cell during Feb. 02, 2019 and received a huge response for it. Dr. Raghu Chandra Garimella (EEE) was addressed the gallery during the workshop of IPR. He explained various techniques for carrying out the research and updating the ongoing academic curriculum.
- The coordinator of IEDC was invited during Mar. 13, 2019 for delivering a lecture on IPR and its Protection in FM Radio Interview of Radio Vishnu 90.4 CR. The discussion was broadcasted in the air on Mar. 15, 2019 throughout the world.

The coordinator of IEDC has served in UGC Sponsored National Workshop as 'Resource Person' on Intellectual Property Rights during Mar. 13-14, 2019. The workshop was organized by DNR College, Bhimavaram.