

### 3.2.1 Institution has created an ecosystem for innovations and has initiatives for creation and transfer of knowledge.

The institute has created an ecosystem for Research and Innovation by recruiting & developing desirable human resource, taking initiative for creation & dissemination of knowledge and establishing state of the art infrastructure. The details are as under:

1. **Promoting Innovation:** The College has created an **Innovation & Entrepreneurship Development Cell (IEDC)** and **Institutional Innovation Council (IIC)** for promoting innovation & entrepreneurship activities. The formation of IIC is as per the guidelines of MHRD & AICTE. Students are encouraged to present their innovative working project models & products through annual project contest “**Technovation**”. The contest witnesses the participation of more than 90 projects across all the departments. Few the outstanding project ideas are identified for commercial product development or submission to agencies for research funding.
2. **Technology Business Incubation Park:** College has also established TBIP (Technology Business Incubation Park) with the support of DC-MSME Govt. of India. Institution has initiated various activities like pre-incubation support, startup initiatives & training programs. IEDC organized several EAC (Entrepreneurship Awareness Camp) programs.
3. **Center of Excellences:** The faculty & students are encouraged to take up research & developmental activities by utilizing the existing resources. Our center of Excellences on **ABB industrial Automation, Automation & Robotics Lab, Texas Instruments lab** have helped our students to develop necessary skills & develop innovative projects in various domains.
4. **Human Resources:** The institute recruits dynamic & highly qualified faculty to mentor and channelize the young minds. Institute has taken an initiative to encourage the faculty members to pursue their Ph.D work by granting a stipend on monthly basis during the course work. Faculty are also encouraged to participate in various skill enhancement programs under govt. schemes.
5. **Research infrastructure:** The College has a **Research Cell** to motivate the faculty members to write research projects and submit it to various supporting agencies like DRDO, DST, AICTE, DBT, SERB, UPST, etc. Research Cell also helps to create research culture among faculty members and students. One of our faculty Dr. Megna Singh is working on DST funded project “Malaria vaccine research” in collaboration with School of Biotechnology, JNU, New Delhi.
6. **Collaborations:** The College has collaboration with University of Louisville, USA under which our students get an opportunity to undertake research internship of 8-10 weeks during summers at University of Louisville. College has signed MOUs with few industries to promote real-time project development.