



TECHNO
INSTITUTE OF HIGHER STUDIES

Transforming Dreams Into Reality...



Criterion - 3

Research, Innovations and Extension

Key Indicator – 3.2

Innovation Ecosystem

3.2.1Q₁M

Institution has created an ecosystem for innovations and has initiatives for creation and transfer of knowledge (patents filed, published, incubation center facilities in the HEI to be considered)

3.2.1 The institution has created an ecosystem for innovations and has initiatives for the creation and transfer of knowledge.

The institute has implemented innovative teaching methods and practices to foster an innovation ecosystem and facilitate knowledge creation and transfer over the past five years.

- Science department faculties use laboratories and set up interesting experiments to illustrate the lectures.
- Computer science faculties utilize **ICT**-based teaching techniques such as **PPT** presentations and **OHP** for their teaching methods.
- Students have been assigned some innovative projects and assignments that help them prepare for the topics comprehensively.
- Regular tests, group discussions, etc. help with better teaching and learning.
- **Visit** the CSIR institute and nearby sanctuaries by the Science department and BJMC department.
- Besides this, special guest lectures by renowned experts from different fields help make the process of teaching and learning more innovative.
- The library is undergoing full digitalization, focusing on cataloguing and book issuing, as it is fully committed to this process.
- **Faculty Training Programmes** are organized by the institutions to empower and enable the use of various tools and technology for improved teaching and learning methods.
- The Institute is known for fostering knowledge trends and has numerous graduates who have contributed to the development of various departments and institutes nationwide.
- The Institute has made recent decisions to support faculty, students, and society in conducting innovative research to enhance entrepreneurial skills and create innovative startups.
- These facilities are now built to serve researchers, business owners, and startups by giving them access to labs for material testing, web design, computer coding, high-throughput computing, etc.
- The Institution also holds frequent training sessions and workshops to promote and develop entrepreneurial skills.
- Through frequent training and awareness initiatives, we also consistently support our academics and other social innovators in the process of knowledge production and transfer.

Unique Teaching Techniques adopted by Institute


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- The visits to industrial units and corporate houses have been conducted on regular basis which gives real time experience to student.
- We include case studies according to the topic in order to make courses easy to understand and learn.
- Students are engaged in the subjects by being asked to role-play successful leaders and managers in various situations, fostering curiosity and interest.
- We give team assignment to students to know the power of team work.

We can divide our Teaching Techniques in Three major parts

1. **Basic Methods:** - we deliver lectures by the expert to clear concepts of students which help them to understand the topics.
2. **Advance Methods:** - we provide to students various type of facilities like
 - 1- Computer lab
 - 2- Video lab
 - 3- Audio lab
 - 4- Smart class
 - 5- PPT
 - 6- E-Library
 - 7- OHP
 - 8- Guest lectures
 - 9- Workshops
3. **Reality Touch Methods:** -
 - I. Regularly we made visit to industries and corporate bodies.
 - II. We include case studies according to the topic in order to make courses easy to understand.
 - III. Students are engaged in the subjects by being asked to role-play successful leaders and managers in various situations, fostering curiosity and interest.


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