

# **INDUSTRIAL- CONNECT MANDATE**

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## **Introduction**

As per the UGC Quality Mandate, Letter to all Vice-Chancellors, approved by the commission in its 532nd meeting held on 25th May 2018, for improving the quality of education at the institutions of higher education, one of the approved objectives of meeting exclusively focuses on encouraging social & industry linkages with students and the academic institutions so that at least 66% of students must be engaged in social productive events during the period their academic voyage with the University/ Institute.

In September 2019, a Working Group Report on Enabling and Enhancing University and Industry Linkages submitted to The University Grants Commission embracing the need for strong Industry-Academia Linkages in developing countries like India where there is a huge gap in functioning, expectations, and the reality. Due to this gap, a little innovation and scope of research and development are observed. Unlike in developed countries, Industry and Academia Relations are nurtured and are in practice for over 4 decades now. India, a hub of more than approximately 1000 Universities lags in terms of leveraging Industry & Academia Relations as there is no formal structure or framework to have strong Industry Connect at the Institutions of Higher Education despite knowing all the adhering benefits. A lot of work is done in proving the importance of Industry Connect with Academic Institutions. However, no visible work is done in developing a framework to have Industry Connect.

IUST is in an endeavour to provide the best in the class learning environment to their students, scaling up the level of innovation & research, remaining flexible in terms of adopting newer trends and technologies to make students learning more engaging and rewarding. Teaching & producing future- ready leaders who are competent enough to lead the change and prove worthy enough to work towards the betterment of society and take the name of its Alma Mater and Proud Nation on greater heights is only one part of the success of IUST.

A significant vertical for IUST is the acceptance of its students by the industry, their recognition, and growth. To achieve this goal, IUST help their students to lay the robust foundation of their career during their academic journey itself. After graduating from University, students must have a clear road map along with the opportunity in hand to move further in their chosen career path.

IUST thrive to extend support to their students to achieve all the goals that they have aspired for themselves. IUST has met the expectations of parents who have shown great trust in the philosophies and administration of the University. As per the trends, IUST these days provides a strong ecosystem for their students to convert their ideas & aspirations into reality and reaching their all-perceived goals. IUST have dedicated infrastructure, committed manpower, and resources to help students to achieve their goals.

## **Purpose**

Keeping in view the suggestions of Working group report, IUST has taken the initiative under the umbrella of newly established office of the Dean Outreach to create separate vertical in the form of Industrial Connect to meet the specific objectives as laid down in the Working group report. Furthermore, Industrial Connect is formed and its focus shall be to cement and enhance industrial relations of the university and strengthen the industrial outreach.

### **A. Motivation: -**

- To enhance the better interaction in between the university and industry is very much essential for today's world, and it makes a good platform for showcasing best practice, latest technological advancements and their implementation and impact on the industry.
- The main objective of interaction between the industry and university shall improve the quality technical education adequately to meet the needs of the industry.
- Industry Institute Interaction shall continuously supply input to better teaching-learning processes, create awareness among the students about the environment of industry, provide real practical knowledge to students and provide self-confidence for students to become an entrepreneur.

The above goals can be achieved by providing the very good bridge between industry and IUST.

### **B. Objectives:**

- IUST-industry collaboration will create graduates who have know-how of the industry they will work in and create better future employees.
- IUST and industries shall share a symbiotic relationship. IUST will produce graduates who will be absorbed by industries.
- Research work carried out at IUST shall be taken up by the industry and turned into products and services.
- Industry on the other hand shall get benefited by getting the solutions to their problems.

The following initiatives shall be taken to promote the good Institute-Industry Interaction at IUST

### **C. To promote Industry - Institute Interaction following initiatives shall be undertaken:**

1. To give industrial exposure to faculty members and students of IUST, thus enabling them to tune their knowledge to cope with the industrial culture

2. To assist the departments of IUST in organizing workshops, conferences and symposia with joint participation of the industries
3. Encouraging industry leaders to visit IUST to deliver the expert lectures
4. Participation of experts from industries, in curriculum development
5. To organize industrial visits for faculty members and students of IUST
6. To encourage faculty members to use their expertise in solving the problems faced by the industries, thus creating opportunity for consultancy
7. Industrial testing by faculty and technician at site, or in laboratory
8. To organize in-plant training/internships for the students of IUST
9. To identify the areas for executive development programmes in the areas of recent technological advances
10. To assist the Departments of IUST in establishing rapport with industries for taking up mini projects and UG/PG projects/ dissertation work under joint guidance of the faculty and experts from industry
11. To coordinate/ identify industrial partners for proposing 'Centre for Excellence.
12. To strengthen Alumni relations.
13. To assist the Training and Placement Cell of IUST
14. Visit of industry executives and Practised Technocrats to IUST for seeing research work and laboratories
15. Memorandum of Understanding between the institute and industries to bring the two sides emotionally and strategically closer
16. Establishing R&D Laboratories sponsored by industries at IUST