

University – Industry Interaction



Universities and industry, which for long have been operating in separate domains, are rapidly inching closer to each other to create synergies.



Tie-ups with industry for live projects, where students gain valuable experience and insights.



The demands of skilled and specialized manpower from the industry are not being met as majority of graduates lack the necessary skill sets required by the industry.



In recent years, a major concern of higher education planners and academics, the world over, has been linking universities and other research institutions with industries.



It still remains marginal and largely confined to a few institutions such as the IITs, IIMs, IIITs, NITs, etc.



Each year over 3 million graduates and post-graduates are added to the Indian workforce. However, of those only 25% of technical graduates and 10-10% of other graduates are considered employable by the rapidly growing IT and ITES.



Need for university-industry interaction:

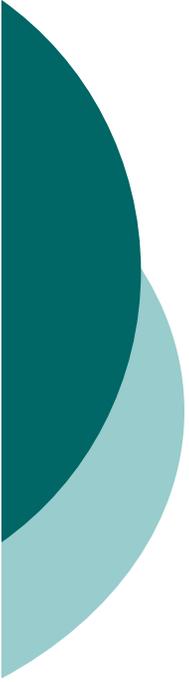
Universities are an important storehouse of up-to-date and advanced levels of knowledge in different fields. In a knowledge society, industries are the main users and beneficiaries of such knowledge.



Possible areas of interaction:

The university and industry can establish interface at varying levels with different degrees. This can range from simple consultations or visits to in-depth researches.

- Industry support to basic research
- Industry participation in technology development
- Involving some exploratory work
- Collaborative R&D activities
- Industry experts / representatives involved in
- Academic Bodies Academic intervention in solving specific industry problems
- Laboratory utilization by industry Continuing education programme
- Student Placement



How the interaction can be achieved?

- Establishment of university-industry partnership / interaction cell.
- Organising workshops, conferences & symposia with joint participation.
- Participation of experts from industry in curriculum development.
- Professional consultancy by the faculty to industries.
- Visits of industry executives to the university and deliver lectures on industrial practices, trends and experiences.
- Joint research programmes.
- R&D laboratories sponsored by industries at the university.
- Scholarships / fellowships instituted by industries for students.
- Practical training of students in industries.