

Industry Institute Interaction

The institute is keen to have industrial collaboration in terms of human resource, knowledge transfer, skill training, internships, projects, testing and consultancy, product development etc.

Objective

1. To develop add-on educational programs which are consistent with the broad requirements of the industry & which can give rise to engineering persons (technocrats) capable of coping-up with the Industrial needs.

2. To coordinate the research & developmental activities of the Institute & Industry

Industries are required to transform their production & compete at international market. The emphasis has shifted to quality products & well trained manpower to produce such products. There has been a greater need for industries to depend on technical institutions for R&D & to supply the highly qualified & skilled manpower. Retraining of the work force has become major activity for all industries. This will be good opportunity for institute to interact with industries for mutual benefits.

The Industry-Institute Interaction would increase mutual benefits when a cooperative relationship is developed between the Institute & Industry. The development of such symbiotic relationship requires, careful understandings of the industry needs such as relevant R&D, cost effectiveness, time bound programs, technology up gradation etc. by the Institute &, in turn, understanding the capabilities & limitations of the institute by the Industry. Recognizing the above, following thrust areas have been identified:-

Measuring attributes for the Industry Institute Interaction are

- Faculty Industry Immersion Program/Faculty Training in Industry.
- Industrial Visits/Tours for students & faculty members.
- Industrial/Internship /Summer Training for student
- Industry Supported Laboratories
- Industry Sponsored Projects
- Testing and Consultancy , product development
- Curriculum Enrichment
- Industry Involvement in Partial Delivery of Any Regular Courses for Students

Guest & Expert Lectures

Alumni Involvement

Visiting Faculty from Industry

By signing of memorandum of understanding (MoU) with industries helped in overall development of the institute.

Road Map

In keeping with the above thrust areas, following action plan has been prepared by the Institute to fulfill the aims of Industry Institute Interaction into achievements:

1. Preparing / updating of an information brochure / audio-visual giving salient features of the Institute(Department wise brochure or video) including various programs, R&D activities (completed / ongoing) and overall achievement of the department
2. Identifying & preparing list of top executives & technologists from various industries & inviting them to address the faculty & students through various means of involvement like Expert lectures, guest lectures, Department advisory board meetings, Value added programs, Students project guidance etc.
3. Providing the faculty training in industry.
4. Identifying interested students and faculty as per their specialization and project requirement and motivate to take Industry sponsored project
5. Inviting Industry Persons for examination of project and identifying best Student Project.
6. Organizing Entrepreneurship Awareness Camp (EAC) every year for students.
7. Inclusion of practicals as per the Industry expert suggestion

Keeping these road map Institute has implemented action plan as below

- A number of student projects and Internship has been offered in the recent past as a result of interaction activities.
- Industrial /Internship /Summer Training is an important strategy to expose students to real work life situation & to Equip them with the necessary skills so that they would be job ready when they graduate.
- Participation of Industry Experts in academic development is one of the focused activity of every department
- Providing Testing and Consultancy to Government. and non-Government organizations.
- Various Departments have inducted experts from Industry as Member of the DAB. Details are given below. These members have been providing their valuable inputs in the academic development of the Department.

Sr.No	Name of Industry Expert in DAB	Industry Name	Department
1	Er. Nitin Patil & Er. Arvind Chavan	President- Architect-Engineers Association Jaysingpur and region. Consulting Engineer, Ichalkaranji	Civil Engineering

2	Mr.Abhay Chougule	RacksonsIT Developers,Pune	Computer Science &Engineering
3	Mr.Kanad Joglekar	Kanad Electronics,Sangli	ETC
4	Mr.Ashwin Gadgil	Hem Electronics,Miraj	ETC
5	Mr. Shreetej Koparde	CEO Shree Guru Software Solution, Ichalkarnji.	Information Technology
	Mr. Aviraj Naikawadi	CEO Vishava Technology, Karad.	
6	Shri Jaywant Mane,	Protech Steel Industry, Kupwad MIDC,Miraj	Mechanical Engineering
	Mr vikas Mane,	Manager, Steel India Jaysingpur,	
	Mr.Milind Biradar,	Director,Ganesh Quality Machinery Pvt.ltd Ichalakarnji,	
	Mr. Shreetej Koparde,	CEO ShreeGuru Software Solution, Ichalkarnji,	
	Mr. Aviraj	CEO Vishava Technology, Karad.	

	Naikawadi		
--	-----------	--	--

Guest & Expert Lectures were delivered by Industry Personnel. Industrial Visits/ field visits have been undertaken by Students. The students of 2nd, 3rd year & 4th year are encouraged to go for industrial visits with the objective of visualizing the things studied in the theory & to get exposed to the industrial working environment.

Also we planned one faculty - one industry visit every month.

Outcome

- More than 92 industries were visited by students to get application of theoretical knowledge as part of Industry Visit.
- More than 75 faculty members have done knowledge up-gradation through Industry training. For faculty, it gives good understanding of the industry & helps in building up of useful case studies for improving the quality of future teaching.
- For current academic year, 24 National / International Industries were visited for placement of students. Industry gets fresh & well trained technical personnel.
- Students started their own consultancy & construction firm.
- During last 5 years, we have done testing and consultancy of Rs.1321275.00 from Government and non Government organizations.
- More than 75% of students have completed Internship to gaining real life experiences, understanding the work culture of industries.
- Since last five years more than 952 placements were offered to the students in reputed organizations .
- For the conduction of expert/guest lectures in different areas more than 70 industry experts were invited in the Institute.
- The Industry persons were invited for Department advisory board meetings once in semester for discussion of development of departments. Also industry persons analyses the student project & identified best project in department.