



JAYALAKSHMI INSTITUTE OF TECHNOLOGY

(Approved by AICTE, New Delhi and Affiliated by Anna University Chennai)
NH-7, Salem Main Road, Thoppur, Dharmapuri - 636352

INDUSTRY INSTITUTE INTERACTION CELL

The Industry Institute Partnership Cell was organized in the year 2018, as continuous interaction between academia and industry which is the need of the hour. It provides a platform for both the students as well as faculty members to be aware of industry expectations of skill sets required for students. This enables students to be aware of the lacunae in their skills and provides an opportunity to upgrade them. It also enables Faculty to be aware of industry expectations & train students to meet these expectations.

Healthy interaction between Institutions and Industry is mandatory for growth of any institution. The blooming engineers need the exposure to Industry and understand the Corporate Culture for their Placements in different Multi National Companies. It is evident that with the advent of globalization and opening up of Indian economy to outside world, competition among the Industries has also become stiff. Industries also need good students who are well aware of industry standards and capable of achieving so. Therefore, there is an urgent need of interaction of industry and academics where academic institutes can prepare students for jobs in multinational companies and industry. For this to become reality, an Industry Institute Interaction Cell (IIIC) is established at **Jayalakshmi Institute of Technology (JIT), Thoppur, Dharmapuri Dist.**

Jayalakshmi Institute of Technology (JIT), has placed emphasis on the cultivation of strong links with industry and promotion of various industrial activities by the faculty members and students. This Cell is very keen in collaborating with industrial organizations for working on various problems of mutual interest by entering into MoU's.



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The function of the Cell is to promote closer interaction between the academic and Industrial fields. Industry Institute Interaction Cell is established to provide closer links with industries. The purpose of the cell is to find out the gap between need of the industry and end product of the institute. The cell is the bridge between the industry, the real world and the institute. Industrial exposure of Faculty is very much helpful to guide students about latest industrial practices. Industries are able to know recent developments and inventions in their fields and implement projects for technologically driven economy. IIC will strengthen the linkages with the industry and research organizations. IIC will train our students in collaboration with the industries professionally in the state-of-art technology areas to meeting the specific needs of Industry in order to make them fully employable.

Objectives of Industry Institute Interaction Cell (IIC)

- ❖ Aligning students' ambitions will enable them to adapt their knowledge to the industrial culture.
- ❖ To made Memorandum Of Understanding (MOU) between industry and Institute
- ❖ Training the shop floor personnel through continuing education programme
- ❖ Organizing/ Participation regular seminars, guest lectures, conferences, corporate meetings, symposia, exhibitions and workshops on latest technological advancements, evaluation of project work with the collaborative efforts between industrial experts and institute.
- ❖ Encourage industry engineers and alumni to attend institutions for knowledgeable lecturers.
- ❖ Promote career advice by scheduling talks by senior business employees and maximizing networking and teamwork through partnerships



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- ❖ Develop professionalism, ethical principles, and industry-specific awareness.
- ❖ Participation of experts from industries, in curriculum development
- ❖ To organize industrial visits for Faculty members and students
- ❖ To encourage faculty members to apply their knowledge in resolving issues faced by corporations and Industries to open up consulting opportunities.
- ❖ To determine the areas in which executive development programs are needed in light of recent technological advancements.
- ❖ To enable the engineering programs to build relationships with businesses so that they can take on initiatives in the conduction of students' curriculum-based minor and major projects.
- ❖ To offer research, development, consultancy and testing services to solve industrial problems and socio economic problems prevailing in rural people.
- ❖ To promote participation of industry personnel in the development of curricula and high quality student projects.
- ❖ To provide technical training to lower and middle level industry personnel in the recent advances in design, manufacturing and management disciplines.
- ❖ To offer technical consultancy and training to small scale and rural industries.
- ❖ To organize oriented training Programmes to working personnel from industry.
- ❖ To assist the industry in the selection of suitable candidates to fill up jobs positions through campus interviews and other selection procedures.
- ❖ To develop good work culture and prepare industry ready in students.



ACTIVITIES IN JIT:

In order to achieve the Objectives, JIT-IIIC will broadly be engaged in the following activities:

- ❖ The Industry Institute Interaction cell will help the Individual departments to arrange/organize.
- ❖ Identify the scientific and technical requirements of the “Industry”, in which Research and Development work can be taken up by JIT-IIIC.
- ❖ Promote synergetic partnership between the Industry and JIT for taking up joint research programmes involving the students of JIT
- ❖ Conduct relevant Research and Development activities within or outside the premises of JIT with the involvement of students and/or the faculty of JIT under the supervision/guidance of experts from within or outside JIT. Apart from this, all the Undergraduate projects are selected and evaluated by industry experts.
- ❖ Organize Lectures, Interactive Workshops, In-plant Training, Internships, Student Training Programs, Workshops, Webinars, Tech Talks, Blog Writing workshops Conferences, Seminars, Brain Storming Sessions, Technical Discussions, Consultancy Sessions, Training, Orientation Courses, Meetings, Industry Visits etc, involving members of the Industry, outside experts, eminent personalities, faculty and students.
- ❖ Encourage Industry to collaborate in Industry Study Tour Programme (ISTP) for regular Industrial visits to UG and PG students related to the curriculum in industries within and outside the state to understand the modern machines and process and latest development in industries.



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- ❖ Arrange/generate Resources- financial, material and human, both from within and outside JIT for creating high-quality infrastructure and research facilities within and outside the JIT premises
- ❖ Industry Sponsored projects, Industry Research and Development Projects and Industry Resource utilization (Equipment, Library, Personal, etc).
- ❖ Invite expert members of the Industry to JIT to spend varying durations as Faculty members/Research Supervisors/ Technical Consultants etc. with an aim to enrich the professional knowledge and employability of students of JIT.
- ❖ Arrange 4-6 weeks internship program during summer/winter vacation for UG and PG students invariably all the discipline
- ❖ Arranging memorandum of understanding with industries and industrial associations for placement, Entrepreneurship development and Industrial training and visits.
- ❖ Prepare the students as per the requirements of the industries.

Functions of Industry Institute Interaction Cell:

I. Industry Integration:

- ❖ Visiting faculty from the industry
- ❖ Training programs / Short term assignments to the faculty members in industries
- ❖ Joint industrial projects for faculty
- ❖ Participation of industry experts in curriculum design

II. Industrial Research & Consultancy:

- ❖ Industrial testing (Proofing & Calibration)
- ❖ Use of specialized database/lab equipment
- ❖ Sponsored industrial research
- ❖ Use of industrial labs



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- ❖ Research guidance from the industry
- ❖ Creation of collaborative labs/testing center
- ❖ Joint research publication
- ❖ Solutions for field problems
- ❖ Analysis & Design problems
- ❖ Research fellowship support
- ❖ Joint patents
- ❖ Creation of an industrial chair to support research

III. Continuing Education for Industry

- ❖ Short Term Training Programmes
- ❖ Onsite Educational Programmes
- ❖ Part time Educational Programmes
- ❖ Collaborative Educational Programmes

CONTACTS:

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The IQAC ensures implementation of quality measures and fostering culture of continuous improvement. Some of the major activities conducted through the Cell are enumerated hereunder:

- ❖ Facilitating accreditation and affiliation processes
- ❖ Conducting academic and administrative audits
- ❖ Strategic Plan: preparation and implementation mechanisms
- ❖ Promoting innovative teaching learning practices
- ❖ Timely submission of Annual Quality Assurance Reports (AQAR)
- ❖ Reports and data submission to statutory bodies and assessing agencies
- ❖ Faculty and student training through Teaching Learning Centre (TLC)
- ❖ Ensuring the effectiveness of various cells/committees
- ❖ Proposing measures to strengthen the campus infrastructure through regular augmentation
- ❖ Encouraging activities in support of holistic development of students
- ❖ Supporting activities towards establishing procedures and modalities for data management

Development and application of quality benchmarks, institutionalizing and disseminating quality strategies through planning and supervision of various activities is the prime aim of IQAC. The IQAC believes in achieving the benchmarks with the involvement of all the stakeholders and support of the benign management.