



INDUSTRY INSTITUTE INTERACTION CELL – III CELL

The Industry Institute Interaction Cell (IIC) of A.K.T. Memorial College of Engineering and Technology is established with the objective of strengthening collaboration and mutual partnership between the Institution and industries in alignment with the vision and mission of the Institution and the evolving requirements of industrial, technological, research, and professional sectors. The IIC serves as a platform for effective industry-academia interaction by facilitating knowledge exchange, industrial exposure, research collaboration, consultancy activities, innovation support, skill enhancement programmes, and industry-oriented learning opportunities for students and faculty members. The Cell aims to bridge the gap between academic learning and industrial expectations by promoting practical exposure, professional competency, and industry readiness among students.

The IIC systematically plans, organizes, and coordinates various industry interaction activities such as industrial visits, internships, in-plant training, industry-supported projects, collaborative research activities, consultancy services, expert lectures, guest talks, workshops, seminars, Faculty Development Programmes (FDPs), technical training sessions, Memorandums of Understanding (MoUs), and industry-sponsored events. The Cell also facilitates interaction with industrial experts, entrepreneurs, corporate professionals, alumni, and professional bodies to provide real-time industrial exposure and practical insights into emerging technologies, industrial practices, innovation trends, and career opportunities.

Further, the IIC encourages students and faculty members to participate in industrial training programmes, certification courses, collaborative projects, research initiatives, technical competitions, innovation activities, startup support programmes, and professional interaction activities aimed at enhancing technical competency, employability skills, leadership qualities, research capabilities, and professional ethics. The Cell also promotes industry-sponsored laboratories, consultancy projects, incubation support, and technology transfer activities for strengthening practical learning and innovation ecosystem within the Institution.

The IIC maintains comprehensive records and documentation related to industry collaborations, MoUs, internships, industrial visits, training programmes, consultancy activities, collaborative projects, placement support initiatives, and other industry interaction activities conducted by the Institution. The Cell periodically reviews the effectiveness and impact of industry interaction programmes and identifies opportunities for strengthening



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industrial partnerships, research collaboration, skill development, innovation practices, and career opportunities for students. Based on its activities and assessments, the IIC prepares reports and submits recommendations to the Management and the Governing Body of A.K.T. Memorial College of Engineering and Technology for continuous improvement of industry-institution collaboration, experiential learning, research and innovation support, employability enhancement, and holistic professional development across the Institution..

OBJECTIVES:

- To strengthen collaboration and partnership between the Institution and industries for promoting industry-oriented education, practical learning, and professional development.
- To bridge the gap between academic curriculum and industrial requirements through industrial interaction, training programmes, internships, and real-time exposure to industrial practices.
- To organize industrial visits, expert lectures, workshops, seminars, internships, in-plant training, and collaborative programmes for enhancing students' technical competency and employability skills.
- To encourage industry-supported projects, consultancy activities, collaborative research, innovation initiatives, and technology transfer activities among students and faculty members.
- To facilitate interaction with industries, corporate organizations, entrepreneurs, alumni, and professional bodies for strengthening industry-academia relationship, career opportunities, and skill enhancement initiatives.

ROLES AND RESPONSIBILITIES:

- To establish, strengthen, and maintain effective collaboration between the Institution and industries, corporate organizations, research bodies, industry associations, and professional organizations for academic and professional development.
- To promote industry-academia interaction for enhancing practical knowledge, technical competency, professional skills, innovation capability, and employability of students and faculty members.



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- To plan, organize, and coordinate industrial visits, internships, in-plant training, industrial training programmes, live projects, and experiential learning activities for students to gain practical exposure to real-world industrial operations and practices.
- To coordinate with industries and organizations for facilitating internship opportunities, industrial assignments, collaborative projects, and practical training programmes for students.
- To organize workshops, seminars, conferences, expert lectures, guest talks, Faculty Development Programmes (FDPs), and technical interaction sessions conducted by industrial experts, corporate professionals, entrepreneurs, and researchers to keep students and faculty members updated on emerging technologies, industrial trends, and professional practices.
- To facilitate Memorandums of Understanding (MoUs) and collaborative agreements with industries, research institutions, corporate sectors, and professional organizations for academic, technical, research, and training collaboration.
- To encourage students to undertake industry-oriented projects, product development activities, consultancy assignments, and innovation initiatives for practical application of theoretical knowledge.
- To promote collaborative research projects, consultancy activities, sponsored research programmes, and technology development initiatives between faculty members and industries with industrial support and funding opportunities.
- To support departments in establishing industry-sponsored laboratories, centres of excellence, incubation support systems, advanced technical facilities, and skill development centres within the Institution.
- To facilitate collaboration with industries for curriculum enrichment, practical training, certification programmes, skill development initiatives, and technology-oriented education.
- To create awareness about emerging technologies, industrial practices, automation trends, innovation opportunities, research advancements, and career prospects in various industrial sectors.
- To organize career fairs, campus recruitment support activities, industry networking events, and interaction programmes connecting students with recruiters and potential



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employers.

- To facilitate interaction with entrepreneurs, startup founders, alumni, industrial experts, corporate professionals, and professional bodies for mentoring, networking, professional exposure, and career guidance.
- To involve alumni in industrial interaction activities, mentoring support, internships, placement assistance, and professional development programmes for students.
- To encourage students and faculty members to participate in industrial competitions, technical contests, certification programmes, innovation activities, and industry-oriented skill enhancement programmes.
- To create and maintain strong networking relationships with industries, industrial associations, research organizations, corporate sectors, and professional bodies for long-term collaboration and partnership.
- To maintain records and documentation related to MoUs, industrial visits, internships, collaborative projects, consultancy activities, training programmes, industry interactions, and outcomes achieved through industry collaboration activities.
- To regularly update stakeholders, including students, faculty members, departments, management, and governing authorities, regarding the progress, achievements, and impact of industry interaction activities and collaborations.
- To collect feedback from industries, recruiters, students, faculty members, and other stakeholders regarding industrial training, internships, projects, and collaborative activities for quality enhancement and continuous improvement.
- To monitor and evaluate the effectiveness and impact of industry interaction programmes and recommend suitable measures for strengthening industrial collaboration, innovation practices, employability enhancement, and professional competency development.
- To prepare annual reports, activity reports, utilization records, and supporting documents related to industry interaction activities and submit them to the Institution Management and concerned authorities.
- To support the Institution in achieving industry interaction, innovation, employability, consultancy, research collaboration, practical learning, and accreditation-related quality objectives.



COMPOSITION OF EDC:

The following members, along with the nominees representing the Management, Academic Administration, Departments, Faculty Members, Industry Experts, Corporate Organizations, Research Institutions, Alumni, Professional Bodies, Students, and other stakeholders, are hereby designated as members of the Industry Institute Interaction Cell (IIIC) of A.K.T. Memorial College of Engineering and Technology for the effective planning, organization, implementation, monitoring, and continuous improvement of industry interaction activities, industrial collaborations, internships, training programmes, consultancy services, collaborative research initiatives, skill development programmes, and industry-oriented learning activities in alignment with the requirements of industries, professional sectors, emerging technologies, and the objectives of the Institution.

Sl. No.	Name	Role	Designation
1.	Dr. T.S. Sivakumaran	Chairperson	Principal
2.	Mr. S. Karal Marx	Convener	AP – CSE
3.	Mrs. V. Vaidehi	Member	AP – Civil
4.	Mrs. K. Malini	Member	AP – CSE
5.	Mrs.K. Bhuvaneshwari	Member	AP – ECE
6.	Ms. N. Stella	Member	AP – EEE
7.	Mr. L. Narayanan	Member	AP – Mech
8.	Mr. K Kalaiselvan	Member	AP – IT
9.	Mr. T. Duraisamy	Member	AP – AI&DS

EXPECTED OUTCOMES Of EDC:

- Enhanced collaboration and partnership between the Institution and industries for promoting industry-oriented education and practical learning.
- Increased opportunities for internships, industrial visits, in-plant training, live projects, and experiential learning activities for students and faculty members.
- Improved technical competency, employability skills, professional readiness, and industry exposure among students through continuous industry interaction programmes.



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- Strengthened industry participation in workshops, seminars, expert lectures, collaborative training programmes, and curriculum enrichment activities.
- Increased industry-supported projects, consultancy activities, collaborative research initiatives, and technology-oriented innovation practices within the Institution.
- Enhanced interaction with industry experts, entrepreneurs, alumni, and corporate professionals for mentoring, networking, and career development support.
- Improved awareness among students and faculty members regarding emerging technologies, industrial trends, automation practices, and career opportunities in various sectors.
- Development of strong industry networks, strategic partnerships, and Memorandums of Understanding (MoUs) supporting long-term academic and industrial collaboration.
- Enhanced placement opportunities, internship support, skill development initiatives, and professional growth through active industry engagement.
- Contribution towards institutional excellence in industry interaction, innovation, consultancy, practical learning, employability enhancement, and accreditation-related quality improvement activities.

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7.	Mr. L. Narayanan	Member	AP – Mech
8.	Mr. K Kalaiselvan	Member	AP – IT
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SDG MAPPING FOR EDC:

The activities and initiatives of the Industry Institute Interaction Cell (IIIC) are aligned with the following United Nations Sustainable Development Goals (SDGs):



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SDG	SDG Title	IIC Contribution
SDG 4	Quality Education	Promotes industry-oriented learning, practical exposure, skill development, internships, and experiential education for students and faculty members.
SDG 8	Decent Work and Economic Growth	Enhances employability, internship opportunities, industry readiness, professional competency, and career development through industry collaboration.
SDG 9	Industry, Innovation and Infrastructure	Encourages industrial collaboration, innovation activities, consultancy services, technology transfer, collaborative research, and industry-supported laboratories.
SDG 11	Sustainable Cities and Communities	Supports industry collaboration and innovation initiatives addressing societal, environmental, and community development challenges.
SDG 12	Responsible Consumption and Production	Promotes sustainable industrial practices, responsible innovation, resource optimization, and environmentally conscious technological solutions.
SDG 17	Partnerships for the Goals	Strengthens partnerships with industries, corporate organizations, research institutions, professional bodies, alumni, and innovation ecosystems for academic and professional development.