



KAKATIYA INSTITUTE OF TECHNOLOGY & SCIENCE

Opp : Yerragattu Gutta, Hasanparthy (Mandal), WARANGAL - 506015, TELANGANA, INDIA



కాకతీయ ప్రొటెక్టోగికి అండ్ విజ్ఞాన సంస్థాన, వరంగల - 506015, తెలంగాణ, భారత

కాకతీయ సాంకేతిక విజ్ఞాన శాస్త్ర విద్యాలయం, వరంగల - 506015 తెలంగాణ, భారతదేశం

(An Autonomous Institute under Kakatiya University, Warangal)

(Approved by AICTE, New Delhi; Recognised by UGC under 2(f) & 12(B); Sponsored by EKASILA EDUCATION SOCIETY)

IIIC - Industry Institute Interaction Cell

	
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The goal of any technical institution is to produce skilled, globally competent professionals through quality technical education and to prepare them for immediate employment. Industry-institute interaction Cell (IIIC) is the most preferred activity for mutual benefit and growth of industries as well as institutions.

The Industry Institute Interaction cell is an essential platform to bridge the gap between industry and academia. This cell helps to promote and strengthen the relationship between industry and institute, the Industry-Institution Interaction Cell was established in the year 2013, which provides an excellent platform for both the students as well as the faculty members to be aware of industry expectations from the graduates. IIIC serves as a showcase for the best practices, and latest technologies in the industry and a connect point for its implementation. IIIC encourages industry experts to continuously participate in curriculum design and career development programs which play a significant role in honing the skill sets of the students inclined towards the expectations of the industry. This helps in enhancing the quality of curricula to be delivered and in turn, supports the Teaching Learning Process and enables the College to produce quality graduates.

It acts as a nodal point to showcase the best practices, and advanced technologies in industry. In addition, IIIC provides an excellent platform for students as well as faculty members to march forward in parallel with industry by knowing their expectations from the graduates.

Vision:

The vision is to forge solid relationships between the Institute and Industry and to advance a range of industrial endeavours for the benefit of the Faculty and Student bodies of the Institute.

Mission:

IIIC has been working to build connections with prestigious universities and top-tier industries to educate the faculty and students at the institute.

Objectives / Functions:

- It promotes blended learning especially in academic and industry by inviting industry expert talks, internships, industrial tours and industry-based projects.
- Aligning students' ambitions will enable them to adapt their knowledge to the industrial culture
- To act as facilitator and it will guide for Internship/industrial visits and projects in coordination with respective departments to make the students vibrant, energetic individuals and ready to accept challenges.
- Participation of experts from industries, in curriculum development to bridge the gap between the academia and industry.
- To explore and identify common avenues of interaction with industry in introducing blended learning especially in academic and industry by inviting industry expert talks, internships, industrial tours and industry-based projects.
- To establish convergence with industrial and research organizations from various fields through MOUs as a form of interaction.
- To accelerate various industrial activities by the faculty members and students.
- To enable academics to take a sabbatical in industries; provide internships for students in industries, which will prepare the students better for entering the industry;
- Collaborative research works by faculty and industry person
- To create awareness about the job functions in the industry.
- To improve capabilities in students to become self-employed.
- Arranging visits of staff members to various industry
- Organizing Workshops, seminars with joint participation of the faculty and the industries.
- Company contributions in developing institute infrastructure.
- To establish Centre of Excellence by industry to provide an opportunity to work in real time projects.

List of MoUs:

Sl. No.	Major MoUs with the Company / Industry / Firm, etc.,	Areas of Cooperation	Additional Information
1.	Telangana State GENCO (TSGENCO)	Internships/field visits, Training programmes and Guest Lectures	Infusing Skills in Electricity Generation sector for all students
2.	National Institute of Technology Warangal, Telangana	Internships, Board of studies members, Research and Development	Curriculum Development, FDPs, Research publications and Higher Qualifications
3.	FOUNDERS Lab Pvt. Ltd. Hyderabad	Business Mentoring, Hackathons, Boot Camps, EDP, StartUps and	Infusing Skills for creation of StartUps and Networking skills

		Innovation Eco System Creation of StartUps	among all the students
4.	Cybersecurity Centre of Excellence, Telangana	Centre for Emerging Technologies in Cybersecurity, Artificial Intelligence/Machine Learning/Data Science/Internet of Things	Industry Interactive sessions for updating knowledge for all the students
5.	Confederation of Indian Industry (CII)	Associated with CII for active participation in the various Workshops/sessions	Industry Interactive sessions for updating knowledge for all the students
6.	Vasantha Tool Crafts Pvt. Ltd. Hyderabad	Internships, Industrial visits and placements	Infusing Skills and building capabilities among the mechanical students and staff
7.	Oracle Academy	Certification Java,PL/SQL and SQL programs	FDP and software courses for all students
8.	IBM (TASK), Hyderabad	DB2, IBM Blue mix certification	Infusing Skills and building capabilities, Entrepreneurship and FDP for all the students
9.	Alignity Consulting, Plano, Texas, USA	Internships, Expert lectures, CEO Speak sessions	Infusing Skills and building capabilities in IT and ITES
10.	Computer Society of India (CSI)	One day workshop on Design Pattern & FDP on Research Insights in Cloud &Big Data	Professional memberships for all the students
11.	KP Singh Services pvt Ltd (IMFS) Hyderabad,	GRE, Toffel, IELTS, DuoLingo	Coaching the students for securing admission in International Universities
12.	KITS, Huzurabad	Internships, Board of studies members, Research and Development	Curriculum Development, FDPs, Research publications and Higher Qualifications
13.	VOLVO INDIA Pvt. Ltd.	Provide final Engine and Gearbox assembly	Infusing Skills and building capabilities among the mechanical students and staff
14.	SHARE INDIA (Society for Health Education in India), Hyderabad	Indo-American Artificial Heart Project (IAAHP)	Design and Development skills of Artificial Heart Project Modules for the students and staff
15.	HMT Machine Tools Ltd., Hyderabad	Special Purpose Machine Design, Foundry Technology, CNC Programming and Operations	Infusing Skills and building capabilities among the Mechanical students and staff
16.	International Industrial Products, Hyderabad	Consultancy, Internships, Industrial visits and placements	Infusing Skills and building capabilities among the students and staff
17.	Addagudi Exports Pvt. Ltd., Hyderabad	Consultancy, Internships, Industrial visits and placements	Infusing Skills and building capabilities among the students and staff
18.	Blackbuck Engineering Pvt Ltd, Hyderabad	Centre for Emerging Technologies, Artificial Intelligence/Machine Learning/Data Science/Internet of Things	Infusing Skills and building capabilities among the students and staff

19	3Cortex Technologies Private Ltd. Kokapet, Hyderabad, Telangana 500075	Consultancy, Internships, Industrial visits and placements	Infusing Skills and building capabilities among the students and staff
20	Centre of Excellence- NI LabVIEW Academy (In Collaboration with National Instruments, Bengaluru	Trainings, Consultancy, Internships, Industrial visits and placements	Infusing Skills and building capabilities among the students and staff

No. of Internships Completed:

2018-19	2019-20	2020-21	2021-22	2022-23
950	959	1067	1080	1120

No. of activities conducted:

2018-19	2019-20	2020-21	2021-22	2022-23	2023-24
6	8	6	12	14	4

Highlights of Major Activities:



Two Weeks Intensive Training Programme From 27.06.2022 To 08.07.2022 As A Part of MoU Between Centre of Excellence for Training and Development, TSGENCO Paloncha, Telangana and KITS Warangal by the 3rd Year Students, EEE Department, KITSW



One Day Industrial Visit to SRISAILAM RIGHT BANK POWER HOUSE (SRBPH), APGENCO on 5th November 2022 by the 3rd Year Students, EEE Department, KITSW

Achievements/Awards:



The award was given to KITS, Warangal for great contribution during Covid'19/Pandemic situation by the Government of Telangana in association with the Confederation of Indian Industry (CII) in the Annual meeting 2020-21

Best Practice:

- Mandatory internships for students in industries
- Training to faculty members and non-teaching staff by industries.
- Appointing Adjunct Professors from Industries to share part of the regular curriculum
- B.E. and M.E. projects/dissertation work in industries under joint guidance of the faculty and experts from the industry.

Outcomes:

- Inculcating capabilities and skill set among students through internship training
- Improvement in the strength of faculty undergoing industry internships
- Revision of course curriculum based on industry requirements.
- B.E. and M.E. projects/dissertation work got duly published in conferences/journals