

KAKATIYA INSTITUTE OF TECHNOLOGY & SCIENCE, WARANGAL
(An Autonomous Institute under Kakatiya University, Warangal)

Industry Institute Interaction Cell (IIIC), KITSW



**Welcome to
The Chairman & Members of
NAAC Expert Committee**

IIIC of KITSW

An ongoing interaction between the Industry and Institute is an essential one. To strengthen the relationship between industry and our institute, the Industry-Institution Interaction Cell was established in the year 2014 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 podium to showcase the best practices, latest technologies in industry stand point and towards up scaling the academia in the Global knowledge index, ample industrial exposure is provided to the faculty members to enhance the Teaching Learning Process and enable the Institution to produce quality students in turn.

IMPORTANCE OF IIIC

- IIIC, KITS Warangal shall mentor students to develop/clarify their industry career interests, and their short and long-term goals through individual counseling and group sessions.
- The IIIC, KITS Warangal shall act as a **Single Point of Contact (SPOC)** and facilitator to arrange internship of the students of the institution.
- The IIIC will arrange internship for students in industries/organization after second, fourth and six/seventh semester in coordination with **respective department IIIC in-charges / HoDs**.
- On-campus faculty/ staff deputed by the IIIC, KITS Warangal across the respective industries of country to mentor students.
- The IIIC, KITS Warangal has MoUs/ Industry collaborations with reputed industries to promote the students to meet modern industrial needs by training/internship activities.

IIIC - Industry Institute Interaction Cell



Dr. G. Raghotham Reddy
Prof. I/c, IIIC, KITSW
Professor, Dept. of ECE



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Dept. of EEE

Vision:

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

Mission:

IIC 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.
- 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 establish convergence with industrial and research organizations from various fields through MOUs as a form of interaction.

Objectives / Functions:

- 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.
- 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.

AS PER URR-18, THE MANDATORY INTERNSHIP AND ITS CLASSIFICATION AND DURATION

- Complete 8 weeks of industry/academic Internship in NITs, IITs, IIITs, Abroad Universities or any other specified companies
- Out of 8 weeks, Social internship (SI) (Community service-cant be more than 1 week) +4 weeks of industry +3 weeks of academic Internship
- The minimum duration of an Industry Internship is 2 weeks and academic internship is 4 weeks in one spell.

LIST OF MoUs

- Since the inception of IIIC, KITS Warangal entered the MoUs with reputed organizations for the benefit of faculty/staff/students to upgrade their skills.
- The following table will give the summary of the list of MoUs.
- I3C MoUs 11-03-24
- I3C Internship Policy of KITSW

ACHIEVEMENTS OF IIIC

IIIC KITSW maintaining **Gold category** in **Survey on AICTE-CII Industry linked institutions for the last 6 academic years.**

KITS Warangal has been honored with yet another distinction, in the form of institutional member of **Confederation of Indian Industries (CII)** under College Excellence cluster.

Under this program, the faculty is trained in the industries and industrial visits and internships are facilitated for students.

CII organized CEO speak sessions/ and guest lectures at institute, to enhance industry awareness among students and faculty.

CENTRE OF EXCELLENCE

Sl.No	Name of the Centre of Excellence	Document Proof Links
1.	NI LabVIEW Academy	https://www.kitsw.ac.in/ni_lab.html
2.	<u>RPA-BOT Lab</u>	https://www.kitsw.ac.in/rpa_botlab.html
3.	<u>IAAH Project</u>	https://www.kitsw.ac.in/iaah.html
4.	Cisco Networking Academy	chrome-extension://efaidnbmnnnibpcajpcglclefindmkaj/https://www.kitsw.ac.in/homepage_pages/cisco%20CoE%20for%20Web.pdf
5.	Transfinite iLab	https://www.kitsw.ac.in/transfinite_iLab.html
6.	BLACKBUCK Engineers	https://www.kitsw.ac.in/blackbuck.html
7.	Telangana Innovation and Incubation Center (TIIC)	https://www.kitsw.ac.in/CoE_TIIC.html

ONLINE INTERNSHIP / ACTIVITIES ENROLLMENT OF II AND IV SEMESTER STUDENTS DURING COVID-19 PANDEMIC

Sl. No.	Semester	Number of students Enrolled
1.	B.Tech, II Sem	944 out of 950
2.	B.Tech, IV Sem	970 out of 971
Total		1914 out of 1921 [99.63%]

INTERNSHIP DATA (YEAR WISE)

2018-19	2019-20	2020-21	2021-22	2022-23
840	551	942	1202	1239

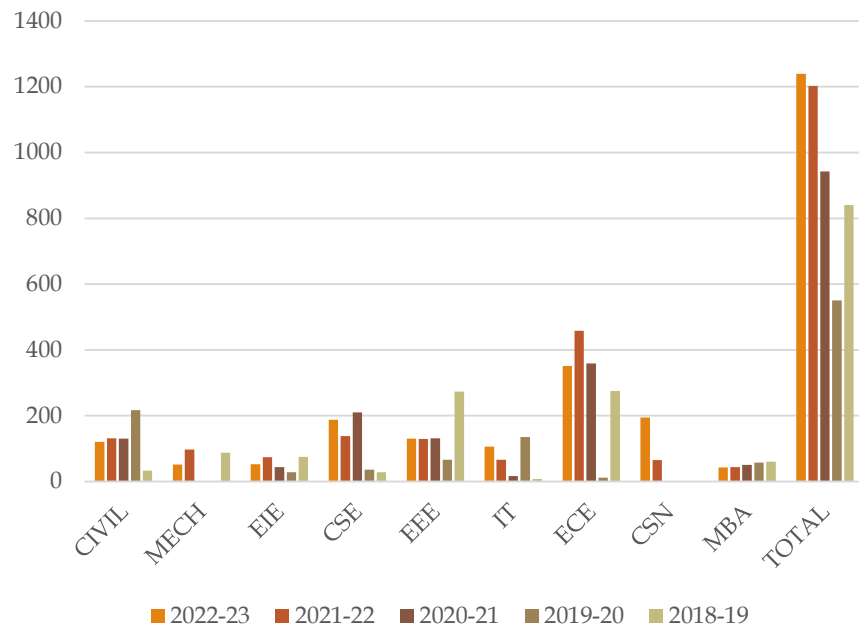
No. of activities conducted: (YEAR WISE)

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

INTERNSHIP DATA (ACADEMIC YEAR-WISE ALONG WITH DEPARTMENTS):

Sl.No	Dept	2022-23	2021-22	2020-21	2019-20	2018-19
1.	CIVIL	121	131	130	217	33
2.	MECH	52	97	0	0	88
3.	EIE	53	74	44	28	75
4.	CSE	188	138	210	36	28
5.	EEE	130	129	131	66	273
6.	IT	106	66	17	135	8
7.	ECE	351	458	359	12	275
8.	CSN	195	65	0	0	0
9.	MBA	43	44	51	57	60
	TOTAL	1239	1202	942	551	840

INTERNSHIP ANALYSIS



INTERNSHIP DATA (DEPARTMENT WISE DATA LINKS)

Sl.No Name of the Department Internship Data (Academic year wise) Links

1.	Civil Engineering	https://www.kitsw.ac.in/departments/CE/students_internships.html
2.	Mechanical Engineering	https://www.kitsw.ac.in/departments/mechanical/students_internships.html
3.	Electronics & Instrumentation Engineering	https://www.kitsw.ac.in/departments/EI/students_internships.html
4.	Computer Science & Engineering	https://www.kitsw.ac.in/departments/CSE/students_internships.html
5.	Electrical & Electronics Engineering	https://www.kitsw.ac.in/departments/EEE/students_internships.html
6.	Information Technology	https://www.kitsw.ac.in/departments/IT/students_internships.html
7.	Electronics & Communication Engineering	https://www.kitsw.ac.in/departments/ECE/students_internships.html
8.	Computer Science & Engineering (Networks)	https://www.kitsw.ac.in/departments/CSN/students_internships.html
9.	Department of Management	---

Online internship opportunities

S. No.	International / National certified organizations	URL / Website
1	TCS ion digital learning	https://learning.tcsionhub.in/iDH/India/
2	Oracle academy	https://academy.oracle.com/en/oa-web-overview.html
3	<u>Udemy</u> Academy	https://www.udemy.com/
4	Lynda	https://www.lynda.com/
5	<u>Coursera's</u>	https://www.coursera.org/
6	<u>edX</u>	https://www.edx.org/
7	NSIC, Hyderabad (EEE / ECE / E&IE, CSE, IT, CSN)	https://www.nsic.co.in/NTSC/NTSC-Hyderabad.aspx
8	RTTC, Hyderabad (EEE / ECE / E&IE, CSE, IT, CSN)	http://www.rttchyd.bsnl.co.in:8080/rttchyd/Home.jsp
9	EUCLID, <u>Dehradun</u> (EEE / ECE / E&IE, CSE, IT, CSN)	https://www.euclidlabs.in/pcb-fabrication-for-leds
10	Khan Academy	https://www.khanacademy.org/
11	<u>Udacity</u>	https://www.udacity.com/
12	<u>Edureka</u>	https://www.edureka.co/
13	IITs / NITs / IIITs / IIMs	SWAYAM/NPTEL Courses
14	Free Online Courses/Internships by AICTE	https://www.noticebard.com/aicte-free-elearning-courses/
15	NIELIT	http://beta.nielit.gov.in/delhi/content/upcoming-courses-6

Online internship opportunities

16	HIEE, Hyderabad (EEE / ECE / E&IE, CSE, IT, CSN)	https://www.hiee.in/
17	CITD, Hyderabad (CIVIL / MECH / EEE)	https://www.citdindia.org/html/faculty-driven-online-courses.html
18	Meghshkshak, Hyderabad (EEE/ ECE/ E&IE,CSE,IT,CSN)	https://meghsikshak.in/MeghSikshak_Public/
19	CISCO - Introduction to <u>Cybersecurity</u>	https://www.cisco.com/c/m/en_sg/partners/cisco-networking-academy/index.html
20	Engineering Staff College of India - Hyderabad	https://escihyd.org/programs/stp
21	TASK - Hyderabad	https://www.task.telangana.gov.in/Internships
22	IBM online activities / internships	https://www.ibm.com/training/search?q=course&lnk=hpmls_butr
23	<u>Internshala</u>	https://trainings.internshala.com/?utm_source=internshala-menu-dropdown1
24	NITTR - Chandigarh	http://www.nittrchd.ac.in/sitenew1/stdreg/studenttrg.php
25	NSIC (A Govt. of India Enterprise Under Ministry of MSME)	https://www.nsic.co.in/NTSC/Main
26	<u>Exposys</u> Data Labs	http://www.exposysdata.com/internship.html
27	Career Accelerator - IIT Kanpur's <u>flagship</u> training and internship program	https://iitk.ac.in/new/data/iitk/
28	IIT Madras	https://internship.iitm.ac.in/
29	EICT ICT Academy at IITK	https://ict.iitk.ac.in/summer-online-live-training-program-2020/
30	<u>Abhyaz</u> Digital Manufacturing Internship	https://abhyaz.com/digital-manufacturing-internships/
31	<u>Econstruct</u> Design and Build Pvt Ltd.	https://e-construct.in/
32	ESCI - The Institution of Engineers (India) [IEI]	https://escihyd.org/programs/cpdp
33	Construction Industry Development Council	http://www.cidc.in/
34	Most Prestigious International Internships 2021 By Opportunities Corner	https://opportunitiescorners.info/most-prestigious-international-internships/
35	Any other organizations offering Internships / Activities permitted subjected to the approval (by email to: i3c@kitsw.ac.in) of Principal & Professor I/c, I3C.	

SAMPLE TCS ION-CAREER EDGE ONLINE INTERNSHIP CERTIFICATE

This is to certify that
Pranavi Devulapally
has successfully completed
Career Edge - Knockdown the Lockdown
online course offered by TCS iON

Start Date: 16 May 2020 | **End Date: 30 May 2020**

Topics:

- Communication Skills ■ Presentation Skills ■ Soft Skills ■ Career Guidance Framework ■ Resume Writing
- Group Discussion Skills ■ Interview Skills ■ Business Etiquette ■ Effective Email Writing ■ Telephone Etiquette
- Accounting Fundamentals ■ IT Foundational Skills ■ Overview of Artificial Intelligence* (Source: NPTEL)



Mehul Mehta
Mehul Mehta
Global Delivery Head, TCS iON

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

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



**One Day Industrial Visit to SRISAILAM RIGHT BANK POWER HOUSE (SRBPH), APGENCO
on 5th November 2022**

CONCLUSION

- IIC at KITSW will provide you guidance on the following activities in coordination with respective department IIC In-charges/HoDs
 - Internships
 - Industrial Visits
 - Industry collaborated projects

Thank you