INDUSTRY INSTITUTE INTERACTION CELL (I³C), KITSW

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KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE – WARANGAL

(An Autonomous Institute under Kakatiya University, Warangal)

Yerragattugutta, Hasanparthy (Mdl), Hanamkonda, Telangana - 506015

INDEX

1. Introduction to Industry Institute Interaction Cell (I³C), KITSW

- Industry Institute Interaction Cell (I³C), KITSW started in 2014
- The Industry Institute Interaction Cell (IIIC) of the institute focuses on interacting with the industry to bridge the gap between the academia and industry.
- The IIIC at KITS Warangal will 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.
- It promotes blended learning especially in academic and industry by inviting industry expert talks, internships, industrial tours and industry-based projects.

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.

Achievements of I³C Cell:

- **IIIC KITSW** has maintainedthe **Gold category** in the **Survey on AICTE-CII Industrylinked 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.

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

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

I³C at KITSW will provide you guidance on the respective activities in coordination with department I³C In-charges/HoDsInternships, Industrial Visits, Industry collaborated projects and etc.,

2. KITSW Internship Policy

The internship policy will be applicable to all the students of Postgraduate and Undergraduate programs of the institute for creating a future talent pool for the industry. The main aim of this Internship initiative is to enhance the employability skills among the students. The students need to apply for internships and extend those through Internship Cell (IS CELL)/the concerned Department.

The broad classification and duration of internships is as follows:
- Complete 6 - 8 weeks industry Internship (II) or
- Complete 6 - 8 weeks academic Internship (AI) (NITs, IITs, IIITs, Abroad Universities) ((NITs, IITs, IIITs, Abroad Universities) or
- Complete 3 - 4 weeks academic Internship (NITs, IITs, IIITs, Abroad Universities) ((NITs, IITs, IIITs, Abroad Universities) + 3 – 4 weeks industry or
- Social internship (SI) (Community service-can't be more than a 1 week) + 2 - 3 weeks of industry +3 – 4 weeks of academic Internship
- The minimum duration of Industry Internship is 2 week and academic internship is 2 weeks in one spell.

Scopes and Objectives:
Complying with KITSW Internship policy, the KITSW Internship Policy is applicable to all the Undergraduate & Postgraduate Students of the institute. The internship experience will augment outcome-based learning process and inculcate various attributes in a student in line with the graduate attributes defined by the NBA.

Institution's Objectives and Internship Priorities:

1. To provide an opportunity for students to familiarize with the industry of their discipline, experience work culture and discover the organizations within the industry. Students will acquire interpersonal skills through meeting with professionals in their field of study.
2. To provide an opportunity for students to correlate theoretical lessons and principles with practical applications. Students will acquire practical skills and experience working on projects alongside industry experts
3. To provide an opportunity for students to discover grass root problems and fundamental issues in industry with a view to take up major project and development of innovative solutions.
4. To provide the opportunity for the industry to identify potential employees and actively contribute to the teaching-learning process by ensuring that program curriculum satisfies the expectations of the industry and continual improvement.
5. Will expose students to the industrial environment, which cannot be simulated in the classroom and hence creating competent professionals for the industry.
6. Provide possible opportunities to learn, understand and sharpen the real time technical / managerial skills required at the job.
7. Exposure to the current technological developments relevant to the subject area of internship.
8. Experience gained from the 'Industrial Internship' in classroom will be used in classroom discussions.
9. Create conditions conducive to quest for knowledge and its applicability on the job.
10. Learn to apply the technical knowledge in real industrial situations and Gain experience in writing technical reports/projects.

3. List of MoUs with Industries/ Academic/ Research/ Up-skilling organizations

S.No	Company/Industry/Organization	Signing Date w.e.f [duration]	Signed with
1.	Kaptius India Pvt. Ltd., Ranga Reddy, Telangana-501218	08-06-2024 [3Y]	T&P, KITSW
2.	India Matters Foundation, Chennai, 600034, Tamilnadu	05-06-2024 [1Y]	HEC, KITSW
3.	Oracle Academy, Austin, USA	08.10.2023 [2Y]	CSED, KITSW
4.	LEAD (Lakshmi Engineers Architect & Designers) (I), Pvt Ltd	21-08-2023	CED, KITSW
5.	Cyber Security Centre of Excellence, Telangana; Data Security Council of India (DSCI),	16-06-2023 [5Y]	KITSW
6.	Telangana Academy for Skill and Knowledge (TASK)	24-05-2023 [Till Date]	KITSW
7.	Centre of Excellence for Training and Development, TSGENCO, Paloncha	12-12-2018 & 12-05-2023 [2Y]	I3C, KITSW
8.	Mathrusri Engineers, Hyderabad, 500051	19.05.2023	MED, KITSW
9.	M/S Vasantha Tools Crafts Ltd	12.05.2023	MED, KITSW
10.	KP Singh Education Services Pvt Ltd	17-12-2022 [2Y]	HEC, KITSW
11.	Krishnapatnam Power Corporation Limited (KPCL), Hyderabad, 500033	19-09-2022[5Y]	CED, KITSW
12.	Automation Anywhere, Inc., a Delaware Corp., USA (AAI) (Academic Alliance Agreement)	06-09-2022 [3Y]	CSED, KITSW
13.	Alignity Consulting, Texas, USA	29-11-2021 [3Y]	I3C, KITSW
14.	CADD Centre Training Services Pvt Ltd, Warangal,506002	05-03-2021[3Y]	CED, KITSW
15.	Capricot Technologies Pvt Ltd, Hyderabad, 500004	30-09-2021[3Y]	EEED, KITSW
16.	National Institute of Technology Warangal	29-01-2021[5Y]	I3C, KITSW
17.	Society of Health Allied Research and Education (SHARE) India,	15.10.2021 [10Y]	MED, KITSW
18.	Volvo Group India Pvt Ltd	22-01-2021[2Y]	MED, KITSW
19.	Elegant Embedded Solutions Pvt.Ltd, Hyd, 500038	30.03.2021	ECED, KITSW
20.	Kamala Institute of Technology and Science, Singapur	18-07-2020 [5Y]	I3C, KITSW
21.	Codegnan IT Solutions Pvt Ltd, Vijayawada, 520010	15-07-2020 [3Y]	ITD, KITSW
22.	Blackbuck Engineering Pvt Ltd	01-05-2020 [3Y]	ECED, KITSW
23.	3Cortex Technologies, Pvt Ltd, Hyderabad, Telangana, 500075	06-03-2020 [6Y]	I3C, KITSW
24.	Electronics Sector Skills Council of India (ESSCI), New Delhi, 110020	02.01.2020 [3Y]	ECED, KITSW
25.	Efftronics Systems Pvt. Ltd, Vijayawada, 520010, Ap	01.12.2019 [5Y]	ECED, KITSW
26.	Aaddagudi Exports Pvt Ltd	23-11-2019 [3Y]	MED, KITSW
27.	HMT Machines Tools Pvt Ltd, Hyderabad,500054	09-11-2019 [5Y]	MED, KITSW

28.	Amritha Tool Craft Pvt. Ltd, Hyderabad, 500051	13.07.2019 [3Y]	MED, KITSW
29.	Renuka Plasty Crafts Pvt Ltd, Hyderabad, 500037	13.07.2019 [3Y]	MED, KITSW
30.	International Industrial Products (IIP), Hyderabad, 500037	12.07.2019 [3Y]	MED, KITSW
31.	Pentagon Rugged Systems (India) Pvt Ltd, Hyd, 500004	27.12.2019 [5Y]	ECED, KITSW
32.	Research And Innovation Circle of Hyderabad (RICH), IIIT Hyderabad, 500032	27.12.2019	ECED, KITSW
33.	Kwality Group of Industries (includes Kwality Electronics Industries and Kwality Photonics Pvt Ltd), Hyderabad, 500062	27.12.2019 [5Y]	ECED, KITSW
34.	CISCO, Networking Academy, Hyderabad	03.04.2019 [5Y]	CSED, ITD, KITSW
35.	Telangana Information Technology Association, Secunderabad-500003	12.02.2019 [3Y]	ECED, KITSW
36.	Confederation of Indian Industries (CII)	27-09-2018 [3Y]	KITSW
37.	Tata Consultancy Services (TCS), Hyderabad	15-05-2017 [3Y]	CSED, KITSW
38.	IKCON Digital IT Services Pvt. Ltd., Hyderabad	03.08.2024 [6 Y]	CSED, KITSW
39.	Cyient Ltd, Hyderabad, 500081	2017 [1Y]	CSED, KITSW
40.	Grafix Engineering Consultants Pvt Ltd	13-07-2017 [2Y]	CED, KITSW
41.	Infomile Solutions, Hyd,500034	11-07-2017 [3Y]	CED, KITSW
42.	Acolyte Technologies Private Limited, Jaipur	24.12.2024 [1 Y]	C-I²RE, KITSW
43.	TcollegeDayz Private Limited, Hyderabad	12.12.2024 [2 Y]	C-I²RE, KITSW
44.	Poditivity Advertising and Education Pvt. Ltd., Hyderabad	31.12.2024 [1 Y]	C-I²RE, KITSW
45.	RVW Solutions	06.01.2025 [1 Y]	C-I²RE, KITSW
46.	M/S. FoundersLab Private Limited	21.08.2023	C-I²RE, KITSW
47.	Novus Green Energy Systems, Secunderabad	18.09.2014	KITSW
48.	Prathiraj Metals Masters Pvt., Limited	13.07.2019	MED, KITSW
49.	Teckybot Tutor Pvt Ltd., Visakhapatnam	21.02.2025 [6 Y]	ECI, KITSW
50.	Institute of Public Enterprise Business school in Secunderabad, Telangana.	24.02.2025 [3 Y]	MBA, KITSW
51.	TechFLUENT Solutions Pvt Ltd	20.09.2024 [6 Y]	ECI, KITSW

4. Internship data (AY: 2018-19 onwards) and Consolidated Report of Internship Companies / Institutions in the A.Y. 2023-24

Internship completion data:

AY:	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24
No. of Students completed:	950	959	1067	1080	1120	1308

The following is the status of internships carried out by students in our institute till date with regard to the data furnished by department I3C coordinators

S. No.	Name of the Department	Total No. of students	No. of Students internship completed	% of students completed
1	Computer Science and Engineering	209	175	84
2	Computer Science and Engineering - AIML	135	115	85
3	Computer Science and Engineering - IOT	200	77	39
4	Computer Science and Engineering - NETWORKS	194	61	31
5	Information Technology	270	170	64
6	Electronics Communication and Instrumentation	113	81	72
7	Electronics Communication Engineering	400	364	91
8	Electrical & Electronics Engineering	182	168	92
9	Civil Engineering	165	162	98
10	Mechanical Engineering	113	105	93

S. No.	Name of the Major Companies	No. of Students
1	CISCO: Cyber Security and Networking, (online)	309
2	Internshala, Online	279
3	BSNL, Sub Divisional Engineer, PGMTD, Warangal	151
4	NIT Tiruchirapalli	140
5	3Cortex Technologies Pvt Ltd, Hyderabad	114
6	NIT Warangal	113
7	KTPP, Bhupalapally	87
8	Kazipet Loco Shed Diesel	48
9	UDEMY	41
10	TCS ION, Hyderabad	39
11	IBM-Online	38
12	R&B (NH), Naim Nagar, Hanamkonda	37
13	BSNL, RTTC, Hyderabad	35
14	Code Alpha	23
15	NSIC	21

5. List of alumni contributions towards the KITSW students' benefit

Sl.No	Name of the Alumni	Name of the Company	MoU Date	Name of the branch	Contributions by Alumni
1.	Mr. Dayanand Reddy, Managing Director & Founder, Vasantha Group, Hyderabad.	M/S Vasantha Tools Crafts Ltd	13.07.2019	Mechanical Engineering	Vasanta tool crafts is being included and a Die is being produced by them. Discussions happened regarding the die design for Total Artificial Heart (TAH)in 2018.
2.	Mr. Rajendra Prasad, Co-Founder, Chief Executive Officer, Treasury Technology Specialist, Entrepreneur, 3Cortex Technologies Private Ltd., Hyderabad	3Cortex Technologies Private Ltd. Kokapet, Hyderabad, Telangana	10.04.2020	Electrical and Electronics Engineering	Internships, Infusing Skills and building capabilities among the students and staff
3.	Mr. Gopinath Kokonda, CEO, Alignity Consulting, Plano, Texas, USA	Alignity Consulting, Plano, Texas, USA	28.11.2021	Electrical and Electronics Engineering	Infusing Skills and building capabilities in IT and ITES through Internships, Expert lectures, CEO Speak sessions
4.	K. Jagadeshwar Reddy, Managing Director, Elegant Embedded Solutions Pvt. Ltd, Hyd.	Elegant Embedded Solutions Pvt. Ltd, Hyderabad	30.03.2021	Electronics and Communication Engg.	Internships for students and arranging Adjunct Faculty
5.	Sri. Sukumar, Senior Divisional Engineer, KTPS, Kothagudem	Telangana State GENCO (TSGENCO)	12.05.2018	Electrical and Electronics Engineering	Internships/field visits, Training programmes and Guest Lectures
6.	G. V. Rao, Director, CSR & ER, VOLVO INDIA Pvt. Ltd, Bangalore	VOLVO INDIA Pvt. Ltd, Bangalore	22.01.2021	Mechanical Engineering	Provided final Engine and Gearbox Assembly, Infusing Skills and building capabilities among the mechanical students and staff
7.	Sri. Chitteti Sridhar Reddy, Director, Prathiraj Metals, Hyderabad, TS	Prathiraj MetalsPvt Limited, Hyderabad, TS	13.07.2019	Mechanical Engineering	Infusing Skills and building capabilities among the mechanical students and staff
8.	Sri. Suresh Reddy, Director, Amrtitha Tools and Crafts Pvt Limited, Hyderabad, TS	Amrita Tools and Crafts Pvt Limited, Hyderabad, TS	13.07.2019	Mechanical Engineering	Infusing Skills and building capabilities among the mechanical students and staff

6. Consolidated list of Activities (Sample)

EEE Department:

S. No.	Department	No. of the Students	Name of the Activity	MoU with Company
1	EEED	50 Students	Two Weeks Intensive Training Programme	Centre of Excellence for Training and Development, TSGENCO from 26.05.2023 to 06.06.2023
2	EEED	50 Students	Two Weeks Intensive Training Programme	Centre of Excellence for Training and Development, TSGENCO from 27.06.2022 to 08.07.2022
3	EEED	50 Students	Two Weeks Intensive Training Programme	Centre of Excellence for Training and Development, TSGENCO from 11.12.2018 to 22.12.2018

CSE Department:

S. No.	Roll No.	Name of the Student	Name of the Activity (Internship)	MoU with Company	Name of the Dept.
1	B21CS035	K.V. Rishak Reddy	1st -31st July, 2024	MoU with NITW in association with Siemens Centre of Excellence.	CSED
2	B23CS211L	Ayesha Siddiqa	1st -27th July, 2024		
3	B22CS006	Sanjay Chandra Samudrala	3rd June, 2024 to 29th June, 2024		
4	B22CS018	Chandanagiri Devaraj			
5	B22CS020	Rapolu Shashikanth			
6	B22CS024	Chindam Sai Vardhan			

S. No.	Designation	Name of the Faculty	Name of the Activity (FDP)	MoU with Company	
1	Assoc. Prof., CSED	Dr. B. Raghuram Dr. Manjubala Bisi Co-ordinators	FDP on "Emerging application of Optimization Techniques" in Teaching Learning Process in Computer Science and Engineering"	E&ICT Academy, NITW and Department of CSE, KITSW during April 6th - 15th, 2024.	

7. A Glimpse of the recent events conducted by I³C. KITS-Warangal

**Visit of Inspection Team from NSIC Technical Services Centre, Hyderabad,
A Centre of National Small Industries Corporation (NSIC), an ISO 9001:2015 certified Government
of India Enterprise to KITSW on 01-10-2024**

**Dept. of Electronics Communication and Instrumentation Engineering, KITS Warangal MoU
signing ceremony with M/s Teckybot Tutor Pvt. Ltd. Hyderabad on 23.10.2024**

Department of Management, KITS Warangal MoU signing ceremony with the Institute of Public Enterprise (IPE), Hyderabad on 24.02.2025

One day workshop on "Entrepreneurship Oriented Program" by National Small Industries Corporation – NSIC, Hyderabad (A Government of INDIA Enterprise) on 28-02-2025

8. Impact analysis in brief on the internships done by students in various organizations/ institutions

S. No.	Name of the Major Companies	Impact
1	CISCO: Cyber Security and Networking, (online)	Students were able to demonstrate proficiency in networking and cyber security that leads to building credibility among peers and potential employers.
2	Internshala, Online	Students were able to enhancing their skill set, in respective domains, boosting their resume, opening doors to diverse companies, and potentially leading to job offers.
3	BSNL, Sub Divisional Engineer, PGMTD, Warangal	Students were exposed to practical experience in the telecommunications industry, allowing them to gain hands-on knowledge of network infrastructure, customer service, and various telecommunication technologies, which can enhance their resume and improve their employability prospects, particularly in the field of network engineering or related domains.
4	NIT Tiruchirapalli	Students will acquire providing valuable hands-on experience, exposure to industry-standard practices, a strong academic foundation, and the opportunity to build a professional network.
5	3Cortex Technologies Pvt Ltd, Hyderabad	Students were trained to carve out niche data solutions driving unmatched efficiency and speed using their innovative platform.
6	NIT Warangal	Students were exposed to high-quality research projects, access to renowned faculty, opportunities to work with industry partners at its SIEMENS centre, that can enhance their placement prospects in top companies.
7	KTPP, Bhupalapally	Students got an opportunity to apply knowledge and theories from classroom discussion to the workplace, and got exposed to industry procedures and real time applications.
8	Kazipet Loco Shed Diesel	Students were provided with hands-on experience with diesel locomotive maintenance and repair, exposing them to the complex workings of a railway system, building practical skills in troubleshooting and diagnostics, and potentially opening doors to future employment opportunities.
9	UDEMY	Students were exposed to the rapidly growing online learning industry, hands-on experience with product development, the opportunity to work with diverse teams, and a strong focus on continuous learning.
10	TCS ION, Hyderabad	Students were exposed to real-world industry projects, enhancing their technical skills,

		building a strong network within the TCS ecosystem, and potentially leading to future employment opportunities.
11	IBM-Online	Students got hands on experience to cutting-edge technology, valuable industry experience, mentorship from experienced professionals, potentially leading to future job opportunities at IBM or other tech companies.
12	R&B (NH), Naimnagar, Hanamkonda	The students got exposed from theory to practical work in civil engineering companies; students were involved in the technical aspects of laying roads and building constructions.
13	BSNL, RTTC, Hyderabad	Students got practical exposure to real-world scenarios, which can be invaluable for their learning and understanding of telecom technologies, and got acquainted with the technical skills and knowledge relevant to telecommunications.
14	Code Alpha	Students are impacted significantly by undergoing hands-on experience in software development, building a strong foundation in coding skills, exposing them to real-world projects, enhancing their technical knowledge across various domains, and potentially leading to future employment opportunities, boosting their resume with practical exposure.
15	NSIC	Students will be able to explore various career alternatives, areas of career interest or possible career opportunities, they can try out specific jobs or types of positions, orientating and testing certain occupational areas of interest and potential future careers.

9. List of I³C SPOC's/ Section Coordinators

S.No.	Dept.	Name of the Faculty	Designation	Contact Number
1	ECE	Dr. G. Raghotham Reddy	Professor Incharge I3C	9849210464
2	EEE	Dr. G. Sunil Kumar	Faculty Incharge I3C	9618931612
3	CE	Smt. Sree Laxmi Pavani	Assistant Professor, SPOC-I3C	8331099971
4	ME	Dr. S. Chandramouli	Assistant Professor, SPOC-I3C	9849830659
5		Sri. V. Pradeep	Assistant Professor- Co-ordinator	9177804139
6	ECI	Sri. B. Shashikanth	Assistant Professor, SPOC-I3C	9490286618
7		Sri. G. Raju	Assistant Professor- Co-ordinator	8500009316
8	CSE	Dr. B. Raju	Assistant Professor, SPOC-I3C	9848309647
9		Smt. SlokashreePadhi	Assistant Professor- Co-ordinator	7008816396
10		Sri P.Prakash	Assistant Professor- Co-ordinator	8639577354
11		Shaik Munawar	Assistant Professor- Co-ordinator	8309946512
12	EEE	Dr. G. Sunil Kumar	Assistant Professor, Faculty Incharge I3C, SPOC	9618931612
13		Dr.G. Sudheer Kumar	Associate Professor- Co-ordinator	9923951236
14		Dr. C. Pavan Kumar	Assistant Professor- Co-ordinator	9652801085
15		Dr. Y. Manjusree	Assistant Professor- Co-ordinator	9866218295
16	IT	Smt. S.B.Swathi	Assistant Professor, SPOC-I3C	8639049713
17	ECE	Sri. A. Srinivas	Assistant Professor, SPOC-I3C	8247261933
18		Md. Abdul Muqueem	Assistant Professor- Co-ordinator	9573333305
19		Sri. D. Santhosh Kumar	Assistant Professor- Co-ordinator	9885385533
20		Sri. P. Ramchandar Rao	Assistant Professor- Co-ordinator	9949638566
21	CSN	Ch. Jayanth Babu	Assistant Professor, SPOC-I3C	9989710345

22		Smt. M. Shirisha	Assistant Professor- Co-ordinator	8008775776
23		Ravi Varma	Assistant Professor- Co-ordinator	7989449435
24	CSM	B.Ramji	Assistant Professor, SPOC-I3C	9866878871
25		K. Shiva Kumar	Assistant Professor- Co-ordinator	9160103982
26	M&H	Dr.T. Raghunath Rao	Assistant Professor, SPOC-I3C	9963311704
27	PS	Dr. K. Srinivas	Assistant Professor, SPOC-I3C	7382756578
28	MBA	Dr. KatukamJaipal	Assistant Professor, SPOC-I3C	9704053318

CONTACT DETAILS

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