ISO 9001:2015 | AICTE-CII: GOLD Category Institute | NAAC-'A' Grade Institute (CGPA: 3.21)

KAKATIYA INSTITUTE OF TECHNOLOGY & SCIENCE
Opp : Yerragattu Gutta, Hasanparthy (Mandal), WARANGAL - 506015, TELANGANA, INDIA
काकतीय प्रौद्योगिकी एवं विज्ञान संस्थान, वरंगल - ५०६०१५, तेलंगाना, भारत
కాకతీయ సాంకేతిక విజ్ఞాన శాస్త్ర విద్యాలయం, వరంగల్ – ౫౦౬ ౦౦౧౫ తెలంగాణ, భారతదేశము
(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)
Estd: 1980
K I T S W
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Entrepreneurship Development Cell (EDC) & Innovation Incubation Centre (IIC

Dr. K. Raja Narender Reddy	Sri. K. Kishor Kumar
Head Center for i²RE	Coordinator, EDC-KITSW

Entrepreneurship Development Cell (EDC) was sanctioned by AICTE New Delhi, vide reference No. *F.No. 4-32/RIFD/EDC/POLICY-1/2013-14, dated 10-07-13.* It was sanctioned for an amount of Rs 4.5 lakhs for a period of 2 years.

- **Vision:**

To be a pioneering force in fostering innovation, entrepreneurship, and sustainable economic growth by nurturing a culture of creativity, empowerment, and entrepreneurial excellence within KITSW

- **Mission:**

"At EDC-KITSW, our mission is to align seamlessly with KITSW's vision and mission by:

Empowering Innovative Entrepreneurs: To empower and inspire aspiring entrepreneurs within KITSW, providing them with the knowledge, resources, and support needed to transform innovative ideas into thriving businesses.

Fostering Responsible Leadership: To cultivate a community of socially conscious, well-rounded leaders by promoting a sense of integrity, national pride, and nurturing the skills and mindset required for success in industry and society."

Driving Economic Development: To actively contribute to regional and national economic development through strategic partnerships, impactful events, and unwavering commitment to excellence, thereby creating a dynamic and thriving entrepreneurial ecosystem.

- **Core Values:**

Integrity: We are committed to upholding the highest ethical standards and values in our interactions and operations, in line with KITSW's commitment to integrity.

Quality: We are committed to delivering quality in all our endeavors, from educational programs to events and resources to ensure knowledge and skills acquisition while providing the best possible support, aligning with KITSW's pursuit of excellence.

Community: We actively build a supportive and inclusive community, where collaboration and networking opportunities abound among students, faculty, alumni, and industry experts, fostering a sense of unity.

Accountability: We ensure that all members of EDC-KITSW are accountable for their work in support of KITSW's vision and mission, aligning with KITSW's core value of accountability.

Adaptability: We embrace change and continuously adapt to evolving entrepreneurial landscapes, ensuring our programs and services remain relevant.

Lifelong Learning: We encourage a culture of continuous learning and personal development among our students, fostering a spirit of curiosity and growth, in alignment with KITSW's mission of providing knowledge and skills.

Sustainability: We promote sustainable and socially responsible entrepreneurship, considering environmental and societal impacts, and aligning with KITSW's commitment to ethical and responsible behavior.

Objectives / Functions:

- To create an environment for self-employment and entrepreneurship development through formal and non-formal programs on fulltime / part-time basis for final-year students, alumni, educated unemployed, and working professionals

- To introduce the concept of entrepreneurship in curricula at degree and PG levels

- To develop management personnel at appropriate levels for the non-corporate and unorganized sectors like rural development and small-scale industry

- To utilize the infrastructural facilities and technically trained manpower for the development of non-corporate and unorganized sectors

- To promote employment opportunities

No. of activities conducted:

2018-19	2019-20	2020-21	2021-22	2022-23	2023-24
4	3	3	5	5	6

Highlights of Major Activities:
The major Entrepreneurial initiatives carried out by EDC are as follows.

<u>**Year 2013-14:**</u>

1. EDC, KITSW, was instrumental in equipping a group of students with all necessary support for *BUSINESS PLAN COMPETITION- 2013,* in which they bagged the *first prize*.
2. EDC, KITSW, in association with GO GREEN CLUB of the institute, had initiated an entrepreneurial activity for the students of the institute by way of **making and selling of ECO GANESH IDOLS**, which provided considerable financial gain to the participating students.
3. On December 28, 2013, EDC, KITSW organized the "Entrepreneurship Orientation Programme" for final and pre-final year students.
4. EDC, KITSW had organized the **"ENTREPRENEURSHIP AWARENESS CAMP"** in coordination with *Andhra Pradesh Productivity Council (APPC)*, Hyderabad, and in association with *Entrepreneurship Development Institute of India (EDII)*, Gandhi Nagar, Gujarat, from 25th -27th February 2014, for the final year students in January 2014, in which about 143 students had participated.
5. EDC, KITSW had made a *Memorandum of Understanding (MOU)*, with **A.P Society for Knowledge Networks (APSFKNW)**, **Hyderabad,** and **Indian School of Business (ISB), Hyderabad.** As part of the MOU, the institute had become the proud partner in the prestigious **"TECHNOLOGY ENTREPRENEURSHIP PROGRAMME (TEP)",** being carried out by them. Only about a dozen colleges of the state had got this opportunity.

<u>**Year 2014-15:**</u>

1. EDC, KITSW had organized Orientation programme on **"Entrepreneurial Skill Development",** for the final and pre-final year students on 11-07-2014.
2. EDC, KITSW had organized **"INDUSTRIAL MOTIVATION CAMP",** in association with **MSME Development Institute, Hyderabad,** on 01-08-2014.
3. EDC, KITSW had organized a two day design thinking workshop on "*Smart thinking for Smart Cities*", exclusively for the first year students from 15-12-2014 and 16-12-2014. The programme was organized by the ISB-TEP students, which was highly appreciated by the then Municipal Commissioner Sri. Suvarna Das Panda.

4. The students of EDC had bagged the First prize at the DEVTHON DESIGN COMPETITION, for their prototype model on Smart Parking System, conducted by Computer Society of India (CSI) on their 50th Anniversary, held at Gurunanak Institute of Technology, Hyd.
5. EDC, KITSW had organized a two week Faculty development programme on ED (FDP on ED) sponsored by DST in association with ni-msme, Hyderabad, from 23/02/2015 to 07/03/2015".

Year 2015-16:

1. EDC, KITSW had organized a two day "**Design Thinking Workshop**" for the ISB-TEP 2015 batch students of this institute on 15.08.15 and 16.08.15. This was organized in coordination with the faculty from Indian School of Business (ISB), Hyderabad.
2. EDC, KITSW had been sanctioned with a two-week Training of Trainers on Entrepreneurship Development (TOT on ED) sponsored by Ministry of MSME, New Delhi in association with NI-MSME, Hyderabad. The programme was conducted at KITS Huzurabad, from 01/02/2016 to 13/02/2016.
3. EDC, KITSW had been sanctioned with DST-NIMAT project by Entrepreneurship Development Institution of India (EDII), Ahmedabad. Under this project the cell had organized "**Entrepreneurship Awareness Camp (EAC)**", from 03.02.2016 to 05.02.2016.

Year 2016-17:

1. EDC, KITSW had organized a two day "**Design Thinking Workshop**" for the ISB-TEP 2016 batch students of this institute on 13.08.16 and 14.08.16. This was organized at NIT Warangal, in coordination with the faculty from Indian School of Business (ISB), Hyderabad.
2. EDC KITSW had organized a 2-day workshop- **"Idea to Marketing Boot Camp"** on 09th and 10th of March, 2017, for TEP registered students from KITSW, NITW and SREC. About 82 students were trained by the experts from ISB.

Year 2017-18:

1. EDC KITSW had organized a one-day workshop- **Power To India through** iB Hubs lead programme on 16.09.2017.
2. EDC KITSW had organized a two day Workshop **– "Startup Utsav",** from 15-02-18 to 16-02-18, in coordination with CSE department. About 500 students had participated in the programme.
3. EDC KITSW had organized a two-day boot camp-**iB Hubs LEAD Boot Camp,** on 10.03.2018 and 11.03.2018, in association with iB Hubs and **Techno-Entrepreneur and Leadership Lab (TELL) – IIT Kharagpur** under the patronage of **Startup India**.

Year 2018-19:

1. EDC KITSW had organized *Orientation Programme on Entrepreneurship Development* for all the first year admitted students (2018-19) as part of 3 week Orientation Programme.
2. *ISB-TEP orientation Programme* was conducted on 04.09.2018 to the second year students. Ms. Ekta Chowdary from Indian School of Business (ISB) and Mr. Mallesh from TS-TASK, Hyderabad had addressed the students.
3. As part of the Start-up India Telangana Yatra, conceptualized by Telangana State Innovation Cell (TSIC), the *Start-up Yatra Van* had reached KITSW on 19.09.2018. Mr. Karan Singh had addressed the students. The interested participants had registered for Innovation competition.
4. The students of EDC-KITSW had participated in the Start-up Yatra Boot Camp held at NIT Warangal, on 22.09.2018 and pitched their ideas. Out of 13 teams shortlisted for final competition, *8 teams are from KITSW*.

Year 2019-20:

1. EDC KITSW organized a **one-day mentorship workshop** in collaboration with **Telangana State Innovation Cell (TSIC) on January 31, 2019,** at Kakatiya Institute of Technology & Science (KITS) Warangal. A total of 200 students attended the program.
2. EDC KITSW **secured Ist Rank** among Telangana colleges, based on overall scores achieved by ISB-TEP participants in the online components of Phase –I.
3. Organized *Orientation Programme on Entrepreneurship Development* for all the first year admitted students (2019-20) as part of 2-week Orientation Programme.
4. Organized **Awareness programme on MSME schemes** on 17.01.2020, for the pre-final and final year students. Sri. D. Chandra Sekhar, Addl. Industrial Advisor, Ministry of MSME and Sri K. C. Choudhury, Asst. Director, the Ministry of MSME had graced the occasion and interacted with students.
5. Organized **Smart India campus Hackathon** on 22- 23 of January 2020 for short listing of Innovative ideas for the National Hackathon. Sri. K. Prudhvipathi Rao, Founder & CEO of SkillEdu Varsity, Hyderabad was the chief guest. 7 Innovative ideas were promoted for national level and 1 idea was considered for the final presentation.

Year 2020-21:

1. EDC KITSW organized a Workshop on **"A RoadMap to Start-up"** on 31.01.2021 in coordination with the Dept. of Computer Science & Engineering and IIC KITSW.
2. EDC KITSW, organized one day Workshop on **"Intellectual Property Rights (IPR) and IP Management for Start-up"** on 27.02.2021. **Mr. M. Radha Krishna Chavahan, Secretary, Metropolitan Legal Services Authority, Hyderabad** was the Chief Guest and resource person, coordinating with IIC KITSW.
3. EDC KITSW, organized one day Workshop on **Creativity and Innovations for Entrepreneurs** on 16.04.2021, Dr. Lalith Sharma, Faculty, EDII- Ahmedabad was the Resource person.

Year 2021-22:

1. EDC KITSW, organized a webinar on "Journey from Innovation to Entrepreneurship" on the occasion of "World Entrepreneurs Day", was conducted on 21.08.2021. Mr. Srikanth Soni, Founder &Proprietor Srujan Workplace Innovations was the guest speaker.
2. EDC KITSW had organized *Orientation Programme on significance of* Innovation Incubation Research And Entrepreneurship (I²RE)for all the first year admitted students (2021-22) as part of 2 week Orientation Programme.
3. EDC KITSW had organized a webinar on "**Entrepreneurship skill, Attitude and Behavior Development" conducted on** *09th February 2022 in association with Institution's Innovation Council (IIC) and The Millennial Comedy Club Start-Up, Warangal.*
4. EDC KITSW, organized a webinar on **"How to Plan for Start-up and Legal & Ethical Steps"** on 25.06.2022. **Mr.** Kokanti Sandeep Kumar, National Awardee, Founder & MD for Vasudha Art Studio, Oil and digital painting artist, Graphic designer & Educator was the resource person, in coordination with IIC KITSW.

Year 2022-23

1. EDC KITSW, organized a webinar on "Journey from Innovation to Entrepreneurship " on the occasion of "World Entrepreneurs Day ", was conducted on 21.08.2022. Sri. Kiran Lakkapragada, the co-founder of KiksAR Technologies was the guest speaker.
2. EDC KITSW, organized a webinar on " How to plan for startup and legal ethical steps" on 28th June, 2022 as part of impact lecture series –I phase –II. Mr. Konkati Sandeep kumar, Founder & MD for Vasudha Art studio, Oil & Digital Painting Artist, Graphic Designer & Educator & National awardee had addressed the students.
3. EDC KITSW, in collaboration with Department of Mechanical Engineering and NiPAM 2.0 organised a webinar on "Awareness webinar on Intellectual Property Rights(IPR)" on 3rd November,2022
4. Organized "Exhibition & Poster Presentation of prototype developed & linkage with Innovation Ambassadors for Mentorship support" in association with IIC and Dept. of EEE, KITSW.

5. Shri. G. V. Rao Garu Proud Alumnus from class of 1986-1990 batch KITSW, Director-Corporate Social Responsibility & External Industry affairs, Volvo Group India Pvt. Ltd., Bangalore has delivered an Expert Talk on "Current Scenario- Opportunities for Mechanical Engineers" on 20thFebruary, 2023.

Year 2023-24

1) EDC KITSW, organized a webinar on "Fuelling Ambitions: Embracing Entrepreneurship, Life Skills and Lifestyle for Engineering Students" on the occasion of "World Entrepreneurs Day", was conducted on 21.08.2023. Shri. Nerella Naveen Chandra, Director, Indian Agencies was the guest speaker.

2) KitOLit, a renowned start-up, hosted a student interactive event named "Robot-expo" aimed at raising awareness among students about the workings of robots and techniques for their training, held on November 25th, 2023"

3) As part of 'SUMSHODHINI-23', an event titled "Product-Pro" was organized on February 3rd, 2024.

4) "Drone Tech Ignition" webinar was conducted from January 12th to January 14th, 2024, catering to drone enthusiasts seeking to delve deeper into drone technology.

5) "MySBA," a student interactive session, was conducted by Sri. S.S. Rajesh, the organizing secretary of Swavalambi Bharath Abhiyan, aimed at inspiring students towards entrepreneurship and transforming them from job seekers to job providers on 28.02.2024.

SOME GLIMPSES OF THE ACTIVITIES

"Fuelling Ambitions: Embracing Entrepreneurship, Life Skills and Lifestyle for Engineering Students" Organized by EDC-KITSW & KITSWAA on the occasion of "World Entrepreneur's Day" 21.08.2023.

Felicitation to Sri. Nerella Naveen Chandra garu, 21.08.2023

Expert Talk on "Current Scenario- Opportunities for Mechanical Engineers "on
20 February, 2023

Shri. G. V. Rao Garu addressing the students

Felicitation to Shri. G. V. Rao Garu, Proud Alumnus from class of 1986-1990 batch KITSW, Director- Corporate Social Responsibility & External Industry affairs, Volvo Group India Pvt. Ltd., Bangalore

A picture with all the participants of drone tech ignition workshop.

Explaining to students the types of drones and working procedure of drone and factors affecting.

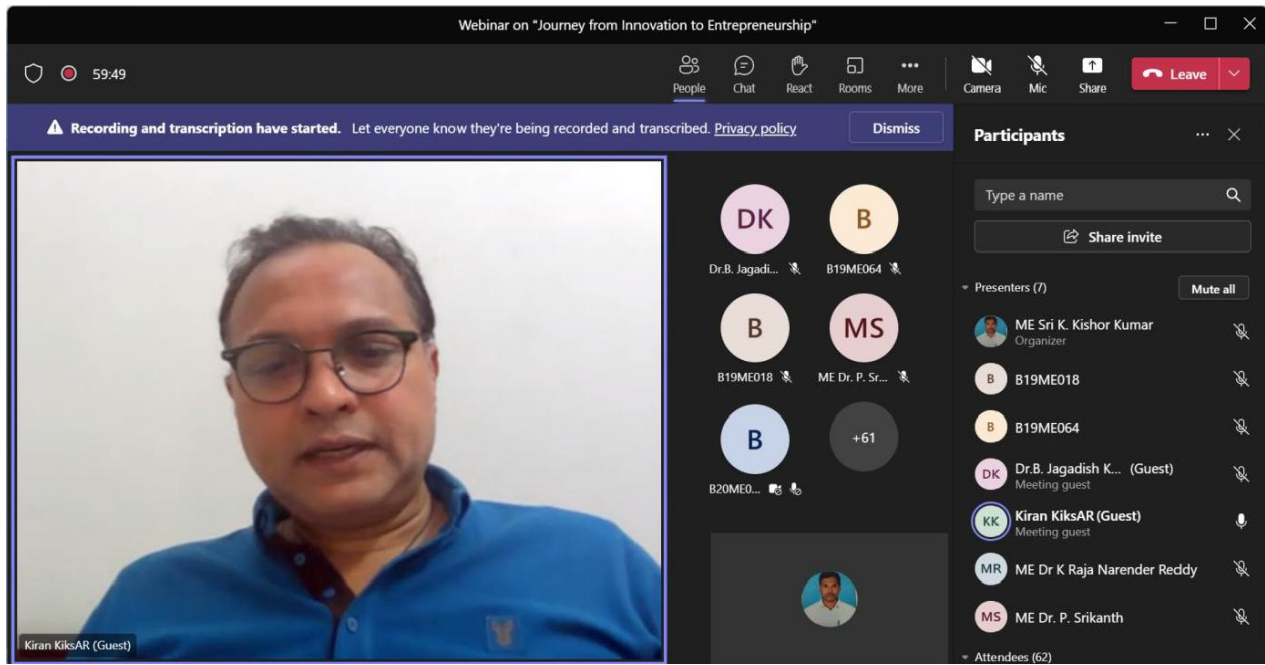**Addressing all the key points covered during the workshop**

KitOLit, a renowned start-up, hosted a student interactive event named "Robot-expo" aimed at raising awareness among students about the workings of robots and techniques for their training, held on November 25th, 2023"

CEO-FOUNDER OF KITOLIT Explaining about their company

JOURNEY FROM INNOVATION TO ENTREPRENEURSHIP" on the occasion of "World Entrepreneurs Day" 21.08.2022.

<u>Shri. Kiran Lakka Pragada garu, co-founder of KiksAR Technologies addressing the faculty and students</u>

<u>IDEA TO MARKETING BOOT CAMP 10TH OF MARCH, 2017</u>

Inaugural Function of Start-up Utsav, 15-02-18

Inaugural Function of Start-up Utsav, 15-02-18

Inaugural function of iB-Hubs lead boot camp   (10.03.2018)

Valedictory function of iB-Hubs boot camp **(11.03.2018)**

Valedictory function of iB-Hubs boot camp **(11.03.2018)**

Inaugural function of ISB-TEP orientation programme   (04.09.2018)

Start-up Yatra Van at KITSW (19.09.2018)

Start-up Yatra Shortlisted teams at NIT Warangal Boot Camp (22.09.2018)

Start-up Yatra Shortlisted teams at NIT Warangal Boot Camp (22.09.2018)

Start-up Yatra Shortlisted teams at NIT Warangal Boot Camp (22.09.2018)

Inaugural session of Mentorship Workshop (31.01.2019)

Mr. Raghuraj Ananthoj, Design Director at Design Strada with participants (31.01.2019)

Mr. Ravi Devulapally, Vice president –Technology and Business incubation at SRiX

Addressing the students during Induction Program (23.11.2021-30.11.2021) for B. Tech I-Year Students academic Year 2021-22 on significance of IIRE in Engineering by Dr. B. Jagadish Kumar, Associate professor

Best Practice:

Based on the activities and outcomes described within the EDC KITSW initiatives, here are some best practices that contribute to fostering entrepreneurship and innovation among students:

- **Comprehensive Support:** Providing comprehensive support to students participating in competitions, workshops, and entrepreneurial activities ensures they have the necessary resources, guidance, and mentorship to succeed.
- **Practical Application:** Encouraging students to engage in practical entrepreneurial activities, such as making and selling eco-friendly products, not only generates financial gain but also allows students to apply their theoretical knowledge in real-world scenarios.
- **Partnerships and Collaborations:** Forming partnerships with reputed organizations like ISB and APSFKNW opens up unique opportunities for students, such as participating in prestigious programs and networking with industry professionals.
- **Continuous Learning Opportunities:** Organizing a variety of workshops, camps, webinars, and interactive events on entrepreneurship, innovation, and industry

trends ensures that students have continuous opportunities to learn and develop their skills.

- **Recognition and Awards**: Recognizing and rewarding student achievements, such as winning competitions and securing top ranks, motivates students to strive for excellence and fosters a culture of innovation and entrepreneurship.
- **Expert Talks and Industry Interaction:** Inviting alumni and industry professionals to share their experiences and insights exposes students to real-world challenges and opportunities, helping them gain practical knowledge and perspectives.
- **Student Engagement**: Hosting interactive events like exhibitions, poster presentations, and interactive sessions creates platforms for students to showcase their innovations, receive feedback, and collaborate with peers and mentors.
- **Focus on Emerging Technologies**: Organizing workshops and webinars on emerging technologies, such as drones and smart cities, equips students with relevant knowledge and skills for future entrepreneurial ventures.
- **Community Engagement**: Engaging with the wider community through initiatives like the Start-up Yatra and mentorship workshops fosters collaboration, networking, and community support for budding entrepreneurs.
- **Alignment with National Initiatives**: Participating in national initiatives like Start-up India and collaborating with government bodies like MSMEs demonstrates institutional commitment to promoting entrepreneurship and innovation at a national level.

By implementing these best practices, EDC KITSW effectively nurtures entrepreneurial spirit, fosters innovation, and prepares students to become successful entrepreneurs and leaders in the ever-evolving business landscape

Outcomes:

The outcomes of the programs organized by EDC KITSW are varied and impactful, contributing significantly to the entrepreneurial ecosystem of the institute and the development of students' skills and mindset towards entrepreneurship. Here are some potential outcomes based on the activities mentioned:

Business Plan Competition Win (2013): Students equipped with necessary support by EDC, KITSW won the first prize, indicating the effectiveness of the support provided.

Financial Gain from Eco Ganesh Idols (2013): Students participating in the entrepreneurial activity generated considerable financial gain, indicating the practical application of their skills and knowledge.

Participation in Various Workshops and Camps: The participation of students in entrepreneurship orientation programs, awareness camps, design thinking workshops, and industrial motivation camps enhances their exposure to entrepreneurship and industry practices.

Recognition and Awards: Winning competitions like the DEVTHON DESIGN COMPETITION and securing first ranks among colleges in various programs indicate the competence and preparedness of students fostered by EDC KITSW.

Partnerships and Collaborations: MOUs with prestigious organizations like ISB and APSFKNW provide students with unique opportunities, such as participating in the TECHNOLOGY ENTREPRENEURSHIP PROGRAMME (TEP), enhancing their networking and learning experiences.

Webinars and Interactive Events: Organizing webinars, workshops, and interactive events on entrepreneurship, innovation, and technology not only educate students but also inspire them to explore entrepreneurial ventures and innovative ideas.

Exhibition and Poster Presentation: Providing platforms for students to showcase their prototypes and link them with innovation ambassadors for mentorship support encourages innovation and practical application of knowledge.

Expert Talks and Industry Interaction: Expert talks by alumni and industry professionals provide valuable insights into industry trends, opportunities, and challenges, preparing students for real-world scenarios.

Student Interactive Sessions: Sessions aimed at inspiring students towards entrepreneurship, like the "Robot-expo" and "MySBA," encourage them to explore entrepreneurial paths and develop a mindset geared towards innovation and problem-solving.