KAKATIYA INSTITUTE OF TECHNOLOGY & SCIENCE

Opp : Yerragattu Gutta, Hasanparthy (Mandal), WARANGAL - 506 015, Telangana, INDIA

CENTRE FOR INNOVATION, INCUBATION, RESEARCH & ENTREPRENEURSHIP (C-i²RE)

Estd: 1980
KITSW
NAAC - 'A' Grade accredited Institute (CGPA : 3.21)

Report

for

C – i²RE

Centre for innovation, incubation, Research and Entrepreneurship (C-i²RE) inspired by its visionary mission, meticulously follows the guidelines set by influential bodies such as the National Innovation and Startup Policy (NISP), Institution Innovation Council (IIC), and AICTE Idea Lab, Micro, Small & Medium Enterprises (MSME) align seamlessly with the principles of Kakatiya Institute Of Technology And Science, Warangal (KITSW). It is not just an incubation centre but the catalysts propelling dreams into reality.

Our four pillars – innovation, incubation, Research and Entrepreneurship– form the core of our operational ethos. Within these pillars, C-i²RE offers a comprehensive suite of support services, including mentorship from seasoned experts, essential business services, FAB Lab support, and strategic funding initiatives. C-i²RE understands that turning an idea into a successful startup requires more than just financial backing – it demands a nurturing environment that fosters growth, learning, and collaboration.

C-i²RE organizes a myriad of events designed to engage, inspire, and connect our community members. These events provide a platform for knowledge exchange, networking, and collaborative opportunities, creating an ecosystem where innovation flourishes. Former IT and Industries Minister Shri K.T. Rama Rao inaugurated the Centre for Innovation, Incubation, Research & Entrepreneurship at KITSW on 5th May, 2023.

To address the need for a clear and unified direction for C-i²RE , a tagline, vision, mission, and core values are formulated. These elements have been carefully developed to align with the institutions goals and to reflect our commitment to fostering innovation, leadership, and entrepreneurial excellence within KITSW.

Center for innovation, incubation, Research, and Entrepreneurship (C-i²RE)

(Catalyzing Dreams, Igniting Progress)

C-i²RE Vision:

To be a dynamic hub of innovation, incubation, research, and entrepreneurship at KITSW, driving transformative advancements, fostering a culture of excellence, and contributing to societal progress.

C-i²RE Mission:

At C-i²RE, our mission is to advance KITSW's vision and mission by

- **Fueling Innovation:** To cultivate an environment that sparks creativity and innovation, providing a platform for students and faculty to engage in research and inventive projects.

- **Nurturing Entrepreneurs:** To facilitate the growth of entrepreneurial ventures by offering comprehensive support through AICTE IDEA Lab, MSME business incubation, Institute Innovation Council (IIC), and adherence to the National Innovation and Startup Policy (NISP).

- **Promoting Research Excellence:** To support research endeavors that contribute to the academic, industrial, and society, fostering a spirit of inquiry and intellectual curiosity.

- **Building Strategic Partnerships:** To establish meaningful collaborations with industry, government, and other stakeholders, ensuring the practical application of research outcomes and fostering an ecosystem of shared knowledge.

- **Empowering SAIL:** To actively support and collaborate with the Student Alliance for Innovation and Leadership (SAIL), creating a seamless integration of student-driven initiatives within the broader innovation and entrepreneurship framework at KITSW.

C-i²RE Core Values:

- **Innovation:** We support a culture continuous innovation and exploration, pushing boundaries and redefining possibilities.

- **Collaboration:** We foster a collaborative and inclusive environment, encouraging interdisciplinary partnerships for holistic growth.

- **Excellence:** We uphold the standards of excellence in research, innovation and entrepreneurial endeavors, aligning with KITSW's commitment to quality education.

- **Adaptability:** We embrace change and adapt to evolving trends in technology, research, and entrepreneurship, ensuring relevance and sustainability.

- **Ethical Conduct:** We operate with integrity, transparency, and ethical conduct, aligning with KITSW's commitment to ethical and responsible behavior.

In today's rapidly evolving world, fostering a culture of innovation, incubation, research, and entrepreneurship among students has become more crucial than ever. A dedicated student body, such as our proposed initiative, serves as a vibrant platform to drive this culture forward. By establishing such a platform, we not only empower students to cultivate their innovation and entrepreneurial spirit but also equip them with the skills and mindset necessary to navigate the complexities of the modern professional landscape.

In this regard, a student body with a title **Student Alliance for Innovation and Leadership (SAIL) or Student Innovation and Entrepreneurship Council (SIEC) formed with the following roles** to promote a culture of innovation, incubation, research, and entrepreneurship among students.

1. **President:** Responsible for overall coordination and leadership of the council. Acts as a bridge between the student body and the faculty/staff advisors.
2. **Vice President:** Assists the President in their duties and takes over in their absence. Coordinates with various subcommittees and helps maintain the continuity of the council's activities.
3. **General Secretary:** Handles communication, documentation, and record-keeping for the council. Sends out meeting agendas, takes minutes, and maintains the council's records.
4. **Joint Secretaries from each branch:** Handles communication, documentation, and record-keeping of respective branches for the council.
5. **Treasurer:** Manages the council's budget, handles finances for events and initiatives, and ensures transparent financial management.
6. **Public Relations Officer:** Manages the council's social media presence, website, and other communication channels. Promotes events and initiatives and interacts with external partners and sponsors.
7. **Innovation Ambassadors from each branch:** Representatives from each department who act as liaisons between the council and their respective departments. Help disseminate information and gather input.
8. **Apart from these, Event and Workshop Coordinators are included.**

SAIL Vision:

To be the driving force behind student-led innovation and leadership at KITSW, cultivating a community of proactive learners, creative thinkers and socially responsible leaders.

SAIL Mission:

At SAIL, our mission is to align seamlessly with KITSW's vision and mission by

- **Fostering Innovation:** To empower students with the skills and mindset needed to innovate, encouraging them to think creatively and contribute to technological advancements and societal well-being.

- **Cultivating Leadership:** To nurture a community of socially conscious and responsible leaders, providing opportunities for skill development, mentorship, and engagement in impactful projects.

- **Facilitating Entrepreneurship:** To actively support and coordinate entrepreneurship-related activities, ensuring students have the resources and guidance to turn their ideas into startups/viable ventures.

- **Promoting Diversity and Inclusion:** To create an inclusive and diverse environment, fostering collaboration among students from various backgrounds and disciplines.

- **Collaborating with C-i²RE:** To work in tandem with the Center for innovation, incubation, Research, and Entrepreneurship (C-i²RE), enhancing the impact of student-driven initiatives within the broader innovation ecosystem at KITSW.

To drive focused activities, following students clubs formed under SAIL:

1. Innovation & Research Club.
2. Incubation & Business Club.
3. WOMEN in STEM (Women Entrepreneur Club) .
4. Public Relations & Outreach club
5. E-Cell - existing under Entrepreneur Development Cell

A. **INNOVATION & RESEARCH CLUB:** The focus for the Innovation & Research Club and its members are

- Identifying latest trends in different segments of technology and society.
- Identifying Problem statements and conducting various events encouraging the solution for those problem statements.

- Identifying industrial problem statements and conducting Hackathons and registrations for national level competitions.
- Conducting 5 events at least in an academic year encouraging student innovation discussion and nurturing the innovation environment in the campus. (robotics, gaming, AIML & Tech, Gadget based events)

B. **INCUBATION & BUSINESS CLUB:** The focus of the Incubation Club is

- Identifying and updating latest business knowledge to students through latest schemes and registration process through posters and online campaigning.
- Guiding the student startups through the business process.
- Identifying and updating students with new Problem Statements.
- Conducting regular Jam Sessions to provide more insights and identify the difficulties the students are facing in establishing their Business.
- Conducting existing startups meets in and around Telangana to build up networking with the startup owners and students.
- Identify and pursue an idea and develop it into a business.

C. **WOMEN in STEM:** Women in STEM Club focuses more on

- Problems Faced by women inside the college, making Problem Statements and circulating with the student community and conducting Ideathons.
- Establishing on ground women start-up inside college.
- Creating Open Mics so that every female student from all departments can participate and share their ideas.
- Create Specific events for Girl Students to participate and increase the enthusiasm levels in the girl students.

D. **Public Relations & Outreach club:** The focus of Public Relations & Outreach club is**:**

- Establishing social media handles for i^{2}RE for updating of latest news.
- Establishing College radio through which college students can interact during college times, as student communication has been the biggest issue till date, this communication can be done efficiently. It can engage a greater number of students.
- The Public Relations & Outreach club can be also used by every club in i^{2}RE to establish communication with students and this club can collaborate with the entire college.
- Public Relations & Outreach club will be responsible for the outreach of college programs through social media and traditional Media.

E. **E-CELL (Entrepreneurship Development Cell): Already existing under EDC.**

Best practice submitted for NAAC

1) **Title of the Practice:**

Student Alliance for Innovation and Leadership (SAIL) by Center for innovation, incubation, Research and Entrepreneurship (i²RE)

2) **Objective of the Practice:**

Student Alliance for Innovation and Leadership is a platform dedicated to fostering a culture of innovation, incubation, research, and entrepreneurship among our student community. This initiative aims to empower students to channel their creativity, knowledge, and ideas into impactful projects, events, and initiatives that contribute not only to student's personal growth but also to the growth of the institution.

3) **The Context:**

   1) SAIL Student Body Establishment: Addressing the challenge of forming and structuring the SAIL student body, ensuring a robust foundation for effective operations.

   2) Mentoring and Guidance: Implementing a structured system for the mentorship and guidance of SAIL body members, fostering their growth and development.

   3) Student Engagement Enhancement: Tackling the issue of enhancing student engagement, creating initiatives that captivate and involve students in meaningful ways.

   4) Collaboration Beyond College Borders: Facilitating collaboration with external institutions, broadening the scope of influence and opportunities for the SAIL body.

   5) Resource Development and Establishment: Overcoming challenges in resource development, establishing a sustainable framework for the acquisition and utilization of resources.

   6) Funds Identification and Fundraising: Strategically identifying funds and executing effective fundraising initiatives to support the activities and goals of the SAIL body.

   7) Curriculum Building and Program Design: Addressing the intricacies of curriculum development and program design, ensuring alignment with the objectives and vision of the SAIL body.

4) **The Practice:**

   1) Leadership Prowess: Nurturing leadership qualities by steering individual teams within the dynamic landscape of SAIL body activities.

   2) Professional Team Mastery: Cultivating the art of professional team building and collaboration in the crucible of high-pressure environments.

   3) Persona Refinement: Prioritizing the refinement of personal attributes, contributing significantly to the all-encompassing development of students' personalities.

4) Entrepreneurial Brilliance: Instilling an entrepreneurial mindset and fostering a thinking process geared towards innovation and forward-thinking problem-solving.

5) Mindset Metamorphosis: Facilitating a transformative shift from mere job seekers to proactive job givers through immersive exposure to entrepreneurial journeys and environments.

6) Operational Ingenuity: Providing a platform for acquiring practical acumen in business operations through hands-on exposure to the incubation process and the intricacies of startup building.

7) Technological Savvy: Encouraging the identification and adept usage of cutting-edge technologies tailored to upcoming market opportunities, aligning seamlessly with the demands of research and development in the market landscape.

5) **Evidence of Success:**

1) The formation of the SAIL body marks a strategic initiative in cultivating a professional environment for student leadership. The nomination and election process is characterized by a meticulous approach, ensuring that individuals with the right skills and passion are entrusted with responsibilities. Within this cooperative culture, external professionals play a pivotal role as guides, enriching students with practical insights. The surge in startup activities is noteworthy, with 40 to 50 ideas currently in the pipeline. This exponential increase within just two months reflects a burgeoning interest among students in entrepreneurship.

2) The SAIL body's promotion efforts are evidently successful, fostering an atmosphere where students feel compelled to share their startup experiences. This exchange of ideas signifies a dynamic and engaged community. Overall, the results indicate a thriving ecosystem, where the structured formation of the SAIL body, coupled with professional guidance, has sparked a palpable enthusiasm for entrepreneurship, as evidenced by the impressive number of startup initiatives and the active participation of students in sharing their journey.

6) **Problems Encountered and Resources Required**

1) The challenges encompass ensuring seamless integration of SAIL body activities with the academic curriculum, engaging students beyond academic obligations, and transforming the mindset of those fixated solely on academics. This requires careful planning to harmonize entrepreneurial initiatives with formal education, accommodating students' time constraints, and fostering a culture that recognizes the synergy between academic learning and practical entrepreneurial experiences.

2) The essential resources include effective coordination with the administration for administrative collaboration, leveraging digital platforms for SAIL body engagement within the college to reach a wider student audience for i²RE and team involvement. Personal connections play a crucial role in maximizing student participation, emphasizing the importance of building relationships to enhance the reach of the SAIL body.

To bolster entrepreneurial endeavors, key resources involve the establishment of i²RE, the development of a skilled faculty, and the provision of industrial mentorship and exposure. Training sessions, both for skill development and personality building, are integral components, as they contribute to nurturing an entrepreneurial spirit within the campus.

Furthermore, dedicated resources are needed for start-up building training sessions, accompanied by hands-on support from i²RE, aiming to foster entrepreneurship effectively within the campus. These resources collectively form a comprehensive framework for the successful implementation and growth of entrepreneurial initiatives within the academic community.

Startup at C-i2RE - CSR Electronologies

Startup at C-i²RE by our proud alumni Mr. Chatrapathy Shiva Reddy

CSR Electronologies journey began with humble startup collaboration with KITSW. A commitment to excellence and innovation has propelled the company to significant milestones. Together with KITSW, a pivotal role was played in establishing a cutting-edge PCB lab at i²RE. Dedication to fostering talent has resulted in the formation of a formidable group of six exceptional individuals – Siddhartha, Dhanush, Akash, Mokshith, Neha, Deepika, and Koushika – who have not only mastered the intricacies of PCB manufacturing but have also emerged as mentors to others.

In addition to notable achievements, CSR Electronologies has successfully executed a diverse array of projects, showcasing technical prowess and commitment to innovation. Projects include the implementation of a Battery Tub Temperature system at Amararaja Batteries Pvt. Ltd., Karakambadi, Tirupathi, and an Office Automation solution for the same client. Further contributions extend to the field of Home Automation through design and development projects at Automate Em Private Limited, Hyderabad, and PAT IoT Solution Pvt Ltd, Hyderabad. Expertise also encompasses Building Automation at Megha Engineering India Limited, Hyderabad, and the implementation of a GPS Tracking System at Procode Logics, Hyderabad.

These collaborations underscore CSR Electronologies' dedication to delivering cutting-edge solutions across diverse domains, and the company looks forward to continuing the journey of innovation and excellence."

CSR Electronologies, in collaboration with KITSW, has achieved significant milestones in fostering talent and innovation. KITSW established a cutting-edge PCB lab at i²RE, and CSR Electronologies trained a team of six students in PCB manufacturing. Additionally, they selected 12 students as interns who are currently undergoing training in Image Processing, AI, and ML, marking the beginning of their journey toward further success.

Driverless tractor:

Title: **"Automation of farming tools for smart farming using android application (A Gaming Approach)"**

Principal Investigator: Md. Sharfuddin Waseem

Sanction by: SEED (science for equity empowerment and development) Division -DST

Fund Amount: 40,43,336.00, File no: SP/YO/2019/974(G), Sanction Date: 17.02.2020

Funding Project is being implemented and developed at KITS Warangal.

Description: Farming is the backbone of the Indian economy, promoting the automation tools which are cost effective will help farmers in more cultivation of land, reducing the investment cost and doubling their income. This project is aimed to create a low-cost automated tools for farmers.

Tools which are used by Indian farmers are average when compared to western countries in advancement of technology aspects, in India more sophisticated tools have introduced like paddy, wheat, maze harvesters which need human involvement to operate the devices, and required more skilled worker to operate. In this project we would like to reduce human efforts in farming, where farmers can plow and manage their small-scale fields with automated tools.

In proposed project a plowing machine is automated using driving engine which is operated via an android application (Similar to game). Same machine can be used to sow the seeds. We embedded different kinds of sensors like proximity sensor, temperature sensor, soil moisture sensor to gather the data from the live field and act accordingly the situation, plowing machine identifies the obstacles via proximity sensor. Daily weather and field water supply can be recorded for applying data analysis for water usage in different monsoons, which can help in prediction of crop yielding.

Project is completed successfully with the desired objective's on-site location allocated in KITS College to perform experimentation work, which involve automation of farming tools, development of android application for controlling the tools and testing the safety measures for developed tools.

MSME Projects: 2022-2023

Project - 1: Design and Fabrication of Reaper and Blinder Machine for leafy vegetables.

Incubatee: B. Raghu

Faculty Mentor: Sri. K. Kishore Kumar

Sanctioned Budget: Rs. 15 Lakhs

Project-2: Real-Time Parking Space Identification using computer vision in smart cities.

Incubatee: Dr. V. Raju, Asst. Professor, ECE Dept.

Sanctioned Budget: Rs. 16.4 Lakhs

IAAHP KITSW:

Team in association with Prof. P. Sudhakar Reddy, Prof. Of Medicine, University of Pittsburgh Medical Center, USA has developed a Simulated and an Experimental model of an Artificial Heart Pump. Now performing the pre-clinical tests at AIG (Hemolysis test, Von Willebrand Factor test) and Animal Test on Sheep at Palamuru Biosciences (which was able to survive for five days). Once it succeeds for thirty days, we need to go for clinical trials on Human beings. Total Cost Spent Till Now is approximately **₹1,30,00,000-00 (one crore thirty lakhs).**

IIC (Institution's Innovation Council)

Vision:

Our vision is to create an ecosystem to promote Innovation and Entrepreneurship among students, faculty and local community and guide them towards successful startups and enterprises.

Mission :

- Implement and regulate i²RE guidelines for developing innovation ecosystem
- Integrate innovation and entrepreneurship courses as a part of academics.
- Develop innovation and incubation ecosystem by conducting Hackathons, Ideathons and design competitions
- Create collaboration with industry and academic experts to share expertise on innovation and entrepreneurship
- Conduct pre-scheduled awareness and training programs on social innovation and entrepreneurship
- Establish the required infrastructure to support the ecosystem.

Short-term Goals

- To develop novel, innovative, design and critical thinking skills to motivate students and faculties towards innovation and entrepreneurship through course projects, Mini-projects and inter disciplinary major projects
- To reinforce the institution-industry interactions and to channel its outcome towards achieving the mission.
- To nurture entrepreneurial culture by organizing a large number of relevant FDPs, STTPs, seminars, hackathons and workshops.
- To assist student groups to prototype their innovative ideas.

Long-term Goals

- To promote research and IPR activities among the students and faculty community as part of their Teaching and learning activities
- To associate with the government bodies like DST, CII, TNASC, MSME and other academic institutions for transferring world class facility to the stakeholders of KITSW.
- To extend a dedicated support to Indian based start-ups developing innovative technology solutions for serving the basic needs of our society
- To provide a platform for young students to develop products with global recognition that can generate business opportunities.
- To encourage start-up initiatives by providing opportunities to explore more into consultancy activities.

DETAILS OF ACTIVITIES DURING A.Y 2022-23

S. No.	Event / Activity	Date(s)	Type of activity	Organized by	No. of participants
1.	Session on accelerators / incubation – opportunities for students & faculties early- stage entrepreneurs	9th July, 2022	IIC Activity	IIC in association with Dept. of CSE, KITSW	191
2.	Session on Lean start-up & Minimum Viable Product	9th July, 2022	IIC Activity	IIC in association with Dept. of ECE, KITSW	191
3.	Webinar on "Journey from Innovation to Entrepreneurship"	21st August, 2022	Celebration Activity	IIC in association with Dept. of ME, KITSW	52
4.	ILS-I Lecture-2: Entrepreneurship and Innovation as Career opportunity.	25th September, 2022.	IIC Activity	IIC, KITSW	214
5.	ILS-I Lecture-1: My story – Motivational session by start-up founder.	25th September, 2022.	IIC Activity	IIC, KITSW	214
6.	Launch of 5G services	01-10-2022	MIC driven activity	IIC, KITSW	50
7.	My Story - Motivational Session by Successful Entrepreneur/Start-up founder.	28-11-2022	IIC Activity	IIC, KITSW	96
8.	Inter/Intra Institutional Innovation Competition/Challenge/Hackathon and Reward Best Innovations - Manage through YUKTI-NIR	10-11-2022 & 11-11-2022	IIC Activity	IIC, KITSW	80
9.	National Education Day	11-11-2022	Celebration Activity	IIC, KITSW	216
10.	Inter/Intra Institutional Idea Competition/Challenge/Hackathon and Reward Best Ideas - Manage through YUKTI-NIR	05-11-2022	IIC Activity	IIC, KITSW	104
11.	National Energy Conservation Day (India)	14-12-2022	Celebration Activity	IIC, KITSW	46
12.	National Pollution Control Day	02-12-2022	Celebration Activity	IIC, KITSW	64
13.	Orientation Session on IIC 5.0 & Features	11-01-2023	MIC driven activity	IIC, KITSW	48
14.	National Youth Day	12-01-2023	Celebration Activity	IIC, KITSW	134
15.	Exposure and field visit for problem identification	16-02-2023	IIC Activity	IIC, KITSW	30
16.	Session on Achieving Problem-Solution Fit & Product-Market Fit	16-02-2023	IIC Activity	IIC, KITSW	185
17.	National Science Day	28-02-2023	Celebration Activity	IIC, KITSW	120

Ministry of Education Government of India

MoE's INNOVATION CELL (GOVERNMENT OF INDIA)

INSTITUTION'S INNOVATION COUNCIL (Ministry of Education Initiative)

AICTE

IIC 6.0- Important Day Celebration Activities for Academic Year 2023-24

Sl. No	Date	Activity Title	Month	Quarter
1	15th October	Institution's Innovation Day (Dr APJ Abdul Kalam's birth anniversary)	October	Q1
2	9th November	National Entrepreneurship Day	November	
3	11th November	National Education Day	November	
4	2nd December	National Pollution Control Day	December	Q2
5	14th December	National Energy Conservation Day (India)	December	
6	12th January	National Youth Day	January	
7	16th January	National Startup Day	January	
8	28th February	National Science Day	February	
9	8th March	International Women's Day	March	Q3
10	21st April	World Creativity and Innovation Day	April	
11	26th April	World Intellectual Property Day	April	
12	11th May	National Technology Day	May	
13	5th June	World Environment Day	June	Q4
14	29th July	4th Anniversary of National Education Policy (NEP) 2020	July	
15	15th August	Independence Day- Celebrating Aazadi Ka Amritkal	August	
16	21st August	World Entrepreneurs Day	August	

IIC Implementation Team Contact Details

Program In-charge

Mr. Dipan Sahu

Assistant Innovation Director

dipan.sahu@aicte-india.org; dipan.sahu@gov.in

011 2958 1226

S. No.	Zone	Co-Ordinator Name	Email	Phone
1.	Southern/ SRO	Ms. Selvarani	sro.iic.mic@aicte-india.org	011 2958 1513
2.	North-Western/ NWRO		nwro.iic.mic@aicte-india.org	011 2958 1513
3.	South-Western/ SWRO	Mr. Abhishek Ranjan Kumar	swro.iic.mic@aicte-india.org	011 2958 1517
4.	Central/ CRO		cro.iic.mic@aicte-india.org	011 2958 1517
5.	Western/ WRO	Mr. Surendar R	wro.iic.mic@aicte-india.org	011 2958 1227
6.	Eastern/ ERO	Ms. Monika Choudhary	ero.iic.mic@aicte-india.org	011 2958 1227
7.	Northern/ NRO	Ms. Pooja Sharma	nro.iic.mic@aicte-india.org	011 2958 1235
8.	South-Central/ SCRO	Ms. Seema Chhillar	scro.iic.mic@aicte-india.org	011 2958 1316

Entrepreneurship Development (EDC)

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.

Objectives of EDC:

- To create an environment for self-employment and entrepreneurship development through formal and non-formal programmes on fulltime / part-time basis for final year students, alumni, educated unemployed and working professionals
- To introduce the concept of entrepreneurship in curricula in 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

DETAILS OF ACTIVITIES DURING A.Y 2022-23

S. No.	Event / Activity	Date(s)	Type of activity	Organized by
1.	Webinar on "Journey from Innovation to Entrepreneurship"	21st August, 2022	Celebration Activity	IIC in association with Dept. of ME, KITSW
2.	How to plan for startup and legal ethical steps	28th June, 2022	IIC Activity	Entrepreneurship Development Cell (EDC), KITSW
3.	"Awareness webinar on Intellectual Property Rights(IPR)"	3rd November,2022	IIC Activity	i²RE-KITSW & Dept. of Mechanical Engineering in collaboration with EDC-KITSW , NIPAM2.0
4.	Exhibition & Poster Presentation of prototype developed & linkage with Innovation Ambassadors for Mentorship support	19th May, 2022	IIC driven Activity	IIC in association with Dept. of EEE, KITSW
5.	ILS-I Lecture-2: Entrepreneurship and Innovation as Career opportunity.	25th September, 2022.	IIC Activity	IIC, KITSW.
6.	ILS-I Lecture-1: My story – Motivational session by startup founder.	25th September, 2022.	IIC Activity	IIC, KITSW.

Activities Under EDC A.Y. 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.

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 20th February, 2023.

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

"JOURNEY FROM INNOVATION TO ENTREPRENEURSHIP" on the occasion of **"World Entrepreneurs Day"** 21.08.2022.
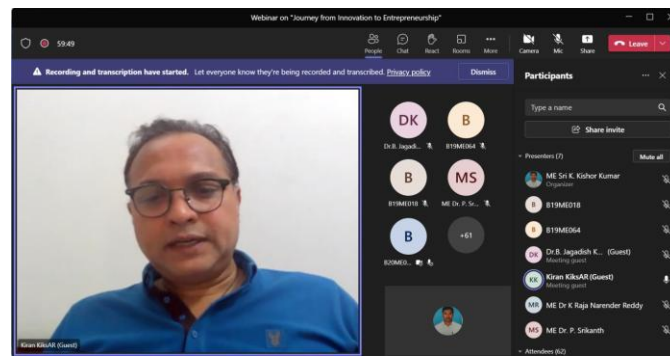
Shri. Kiran Lakka Pragada garu, co-founder of KiksAR Technologies addressing the faculty and Students

KAKATIYA INSTITUTE OF TECHNOLOGY & SCIENCE- WARANGAL
(An Autonomous Institute under Kakatiya University, Warangal)
Centre for I²RE-KITS Warangal
Institution's Innovation Council (IIC 4.0)
Entrepreneurship Development Cell (EDC)

No: C-I²RE/IIC 4.0/EDC/2021-22/1   Date: 07-02-2022

Circular

> Sub: - Request to circulate the information of _Workshop on Entrepreneurship skill, Attitude and Behaviour Development for startup_ to your department Faculty & Students, reg.

Greetings everyone.

    We are very happy to inform you that, as part of creating awareness among the faculty and students in Entrepreneurship skills and promote the startup culture, Institution's Innovation Council (IIC) & Entrepreneurship Development Cell, KITS Warangal jointly organizing an online workshop on **Entrepreneurship skill, Attitude and Behaviour Development for startup** in association with **The Millennial Comedy Club start-up, Warangal** on _09-02-2022_ from _5.30 PM to 6.30 PM._

    All the faculty coordinators are requested to share the information to their department faculty and students and inform them to register and attend the workshop in online mode without fail. The details of the online workshop are given below.

S. No.	Activity details
1	Online workshop on Entrepreneurship skill, Attitude and Behavior Development Date: 09-02-2022 Time: 5.30 PM to 6.30PM
2	Microsoft-Teams link for joining the session: Link will be shared @ 4.00Pm on 09-02-2022

Thank you very much everyone for your coordination.

Sri. K. Kishore Kumar   Dr. B. Jagadish Kumar   Dr. S. Sunil Pratap Reddy   Dr. P. Srikanth
Convener, EDC, KITSW   Coordinator, EDC, KITSW   President, IIC, KITSW   Head, Centre for I₂RE

Copy to: 1) Principal
            2) All HoDs and Deans
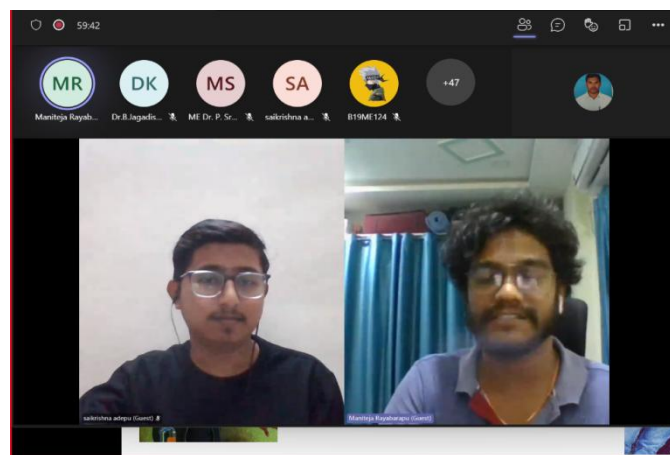
Mr. Maniteja Rayabarapu and Mr. Sai Krishna Adepu, founder of **The** Millennial Comedy Club start-up interacting with students

No: C-I²RE/ /EDC/2021-22/3	Date: 23-06-2022

Circular

> **Sub: -** Request to circulate the information of <u>Workshop on "How to Plan for Start-up and Legal & Ethical Steps"</u> to your department Faculty & Students, reg.,

Greetings everyone!

We are happy to inform you that, as part of creating awareness among the faculty and students in Entrepreneurship skills and promote the startup culture, Entrepreneurship Development Cell, KITS Warangal is organizing a session on "How to Plan for Start-up and Legal & Ethical Steps" in association with Institution's Innovation Council (IIC), KITS Warangal on 25-06-2022 from 3.00 PM to 4.30 PM. This session is being conducted as part of Impact Lecture Series – 1 (ILS-1) sponsored by Ministry of Education's Innovation Cell (MIC) & AICTE.

Hence, all the faculty coordinators are requested to share the information to their department faculty and students and inform them to register and attend the workshop in online mode without fail. The details of the online workshop are given below.

	Activity details
Title:	How to Plan for Start-up and Legal & Ethical Steps Phase-I
Speaker:	Kokanti Sandeep Kumar, National Awardee, Founder & MD for Vasudha Art Studio, Oil and digital painting artist, Graphic designer & Educator.
Date & Time:	25-06-2022 & 3.00 PM to 4.30 PM
Platform:	Microsoft-Teams [Link will be shared @ 1.00 PM on 25-06-2022] to registered participants.
Faculty / students can register using Google form link:	https://forms.gle/Y9sjg76EbpHqpfDR8

Dr. B. Jagadish Kumar   Dr. S. Sunil Pratap Reddy   Dr. P. Srikanth
Coordinator, EDC, KITSW   President, IIC, KITSW   Head, Centre for I2RE

Encl: Impact Lecture Series-1 Poster

Copy to: 1. Principal
2. All HoD's with request to circulate

No: C-I²RE/IIC 4.0/EDC/2022-23/1   Date: 19-08-2022

Circular

Sub: - Request to circulate the information of *Webinar on "Journey from Innovation to Entrepreneurship"* to your department Faculty & Students, reg.,

Greetings everyone.

We are happy to inform you that, as part of creating awareness among the faculty and students in Entrepreneurship skills and promote the startup culture, Institution's Innovation Council (IIC), Department of Mechanical Engineering in collaboration with Entrepreneurship Development Cell (EDC)-KITSW & KITSWAA on occasion of "World Entrepreneur's day" jointly presents a webinar on " Journey from Innovation to Entrepreneurship" in association with Sri. Kiran Lakkapragada, Serial Entrepreneur and Product Evangelist, co-founder and responsible for Sales and Marketing as well as Product Management at KiKsAR Technologies on 21-08-2022 at 11.00AM.

All the faculty coordinators are requested to share the information to their department faculty and students and inform them to attend the workshop in online mode without fail. The details of the online workshop are given below.

S. No.	Activity details
1	Online Webinar on "Journey from Innovation to Entrepreneurship" Date: 21-08-2022 Time: 11.00AM to 12.00Noon.
2	Microsoft-Teams link for joining the session: https://teams.microsoft.com/l/meetup-join/19%3ar3g760phBOmaDxLcAxc71825OhrsCILoneMiAErw-fE1%t40thread.tacv2/1660896492304?context=%t7b%022Tid%022%3a%0228b044e35-2c51-41ba-93f3-d1a107ca7c50%022%2c%22Oid%t22%3a%022debe8a4d-90c9-443e-aeaf-84ce8dec941e%022%7d

Sri. K. Kishor   Dr. B. Jagadish Kumar   Dr. S. Sunil Pratap Reddy   Dr. K. Raja Narender Reddy   Dr. P. Srikanth
Kumar   Coordntor, EDC, KITSW   President, IIC, KITSW   Professor & Head, MED   Head, Centre for I2RE
Convenr, EDC,KITSW

Copy to 1) PA to Principal
        2) All HoDs and Deans

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 i²RE in Engineering by **Dr. B. Jagadish Kumar,** Associate professor, Dept. of EEE,KITS Warangal   (24.11.2021)

Poster of Expert Talk

KAKATIYA INSTITUTE OF TECHNOLOGY & SCIENCE : WARANGAL
(Accredited by NAAC with ' A ' Grade)
(An Autonomous Institute under Kakatiya University)

INSTITUTION'S INNOVATION COUNCIL
(Ministry of HRD Initiative)

CENTRE FOR INNOVATION, INCUBATION, RESEARCH AND ENTREPRENEURSHIP(I²RE) - KITSW

&

DEPARTMENT OF MECHANICAL ENGINEERING

IN COLLABORATION WITH

ENTREPRENEURSHIP DEVELOPMENT CELL (KITSW) & KITSWAA

ON OCCASION OF " WORLD ENTREPRENEUR'S DAY "

presents a webinar on

" JOURNEY FROM INNOVATION TO ENTREPRENEURSHIP "

by

Mr. KIRAN LAKKAPRAGADA
co-founder, KiksAR Technologies
proud alumnus of KITSW from the class of 1995

at 11:00 AM ON 21ˢᵀ AUGUST, 2022

Sri. K. Kishor Kumar	**Dr. B. Jagadish Kumar**	**Dr. S. Sunil Pratap Reddy**
Convener, EDC, KITSW	Coordinator, EDC, KITSW	President, IIC, KITSW
Dr. K. Raja Narender Reddy	**Dr. P. Srikanth**	**Dr. K. Ashoka Reddy**
Professor & Head, MED	Head, Centre for I²RE	Principal, KITSW

KAKATIYA INSTITUTE OF TECHNOLOGY & SCIENCE:WARANGAL
(Accredited by NAAC with 'A' Grade)
(An Autonomous Institute under Kakatiya University)

INSTITUTION'S INNOVATION COUNCIL
(Ministry of HRD Initiative)

CENTRE FOR INNOVATION, INCUBATION, RESEARCH
AND ENTREPRENEURSHIP (I^2RE) -KITSW &
DEPARTMENT OF MECHANICAL ENGINEERING
IN COLLABORATION WITH
ENTREPRENEURSHIP DEVELOPMENT CELL (KITSW)

ON OCCASION OF "WORLD ENTREPRENEUR DAY"
presents a webinar on

**"JOURNEY FROM INNOVATION
TO ENTREPRENEURSHIP"**

MR. SRIKANTH SONI
FOUNDER, PROPRIETOR, SRUJAN WORKPLACE INNOVATIONS
HYDERABAD

ON 21ST AUGUST, 2021 (11:00 AM TO 12:00 PM)
THROUGH MS TEAMS (LINK WILL BE SHARED)

CONVENER:
Sri. K. Kishor Kumar
Asst. Professor, MED.

HEAD, CENTRE FOR I2RE:
Dr. P. Srikanth
Professor, MED.

HOD MED:
Prof. K. Sridhar

PRINCIPAL:
Prof. K. Ashoka Reddy

Poster of Webinar

Achievements:

Press Coverage

నవతెలంగాణ

ప్రతి విద్యార్థి గొప్ప పారిశ్రామిక వేత్తగా రాణించాలి

నవతెలంగాణ–హసన్పర్తి

ప్రతి ఇంజనీరింగ్ విద్యార్థి గొప్ప పారిశ్రామిక వేత్తగా రాణించాలని ఇండియన్ ఇంజినీషన్ వరంగల్ మేనేజింగ్ డైరెక్టర్ సతీశ్ నవీన్చంద్ర అన్నారు. మండలంలోని ఎర్రగట్టుగుట్ట కిట్స్ ఇంజనీరింగ్ కళాశాలలో ఎంటర్ ప్రిన్యూర్ షిప్ డెవలప్మెంట్ వారి ఆధ్వర్యంలో ప్రపంచ పారిశ్రామిక వేత్తల దినోత్సవాన్ని కిట్స్ క్యాంపస్ సిల్వర్ జూబ్లీ సెమినార్ హాలులో ప్రిన్సిపాల్ డాక్టర్ కె.అశోక్రెడ్డి అధ్యక్షతన జరిగింది. ఈ సంద ర్భంగా ఆయన ముఖ్య అతిథిగా హాజరై మాట్లాడారు. భారత దేశంలో అంధయాతంలో ఉన్నవనరులను వ్యాపారంగా మా ర్చడానికి, ఇంజనీరింగ్ డొమైన్లో ముఖ్యంగా మెకానికల్ ఇంజనీరింగ్లో అవకాశాలను గుర్తించడాన్ని హైలైట్ చేశారు. మంచి పారిశ్రామికవేత్తల కోసం పొటెన్షియల్ను ఆవిష్కరిం చడం, స్వజనాత్మకతను పెంపొందించడం, రిస్కుచేయే వైర్యం, మార్పును స్వీ కరించడం, నాయకత్వాన్ని రూపొందించడం, పునరుద్ధరణ చేయటం, క్రిటికల్ థింకింగ్, వర్తీకరణ కళ, సమస్య వరిష్కారం, ఆమ్మకం, అనుకూలత వంటి ముఖ్యమైన నైపుణ్యాలను గురించి వివరించారు. నెట్వర్క్లు ఆర్థిక చతురత అందిం చడం అని, ఈ ఇన్స్టిట్యూట్లో మంచి ఇంజనీర్ను తయారు చేయడానికి ఇంజనీ రింగ్ సైన్స్, విశ్వవిద్యాలయంలో మంచి జ్ఞానాన్ని అందిస్తున్నారని తెలిపారు. ఈ సంద ర్భంగా కిట్స్ జ్ఞానాల యజమానమండలి, ఫార్మర్ రాజ్య సభ ఎంపి, కిట్స్ వరంగల్ చై ర్మన్ కాప్టన్ వి.లక్ష్మీకాంతరావు, కోఆర్డినేటర్ పి.నారాయణరెడ్డి, ఆదనవు కార్యదర్శి, హసన్పర్తి ఎమ్మెల్యే వొడితల సతీష్కుమార్లు ప్రపంచ పారిశ్రామికవేత్తల దినో

త్సవాన్ని విజయవంతంగా నిర్వహించినందుకు ఫ్యాకల్టీ కోఆర్డినేటర్లను అభినందించి శుభాకాంక్షలు తెలిపారు.

ఈ కార్యక్రమంలో హెడ్టీచిలు, డీన్లు, సెంటర్ ఫర్ ఇన్నోవేషన్ ఇంక్యుబేషన్ రిసెర్చ్ అండ్ ఎంటర్ప్రెన్యూర్షిప్, హెడ్, ప్రొఫెసర్ కె.రాజ నరేందర్రెడ్డి, ఫిజికల్ సైన్సెస్ విభాగాధిపతి డాక్టర్ డి.ప్రభాకరాచారి, కోఆర్డినేటర్ ఇడిసి డాక్టర్ వి.జగదీశ్ కుమార్, బిసి ప్రెసిడెంట్ డాక్టర్ యస్.సునీల్, ప్రసాద్ రెడ్డి, ప్రొఫెసర్ సివిల్ విభాగాధిపతి డాక్టర్ యం.క్రిశాంత్, ఇడిసి కన్వీనర్ కె.కిషోర్కుమార్, ఆధ్యాపకులు డాక్టర్ ఈ.కల్యాణ్రావు, ఆధ్యాపకులు, 300 మంది విద్యార్థులు, సిబ్బంది పాల్గొన్నారు.

Date: 22/08/2023, Edition: WARANGAL, Page: 5
Source : https://epaper.navatelangana.com/

News

'Startups are the need of the hour'

Speakers at KITSW Startup Utsav tell students to draw inspiration from several startups that have been coming up in Telangana

OUR BUREAU

Warangal: Startups are the need of the hour and engineering graduates must try to become employment creators instead of becoming employees after completing their studies, suggested speakers at Startup Utsav at KITS-W.

The two-day 'Startup Utsav' being celebrated with a tagline of 'celebrating entrepreneurship in Warangal' has been kicked off here on Thursday. It is being conducted by computer science and engineering (CSE) department and Entrepreneurship Development Cell of KITS-W.

The event was inaugurated by the founder and CEO of CatFit, Hyderabad, Lt Colonel Rakesh Krishnan, a former Special Forces officer, who headed a National Security Guard (Black Cat) commando unit.

Addressing the gathering, he told the students to maintain discipline in their academics and personal life to become entrepreneurs and lead the future world. Events like Startup Utsav helps identifying hidden talents among the students.

The participants should come up with ideas that have business potential, share and nurture them among inter disciplinary engineering students so as to give a concrete shape to their ideas. He expressed pleasure over engineering colleges

KITSW Director Y Manohar presenting a memento to the founder and CEO of CatFit Lt Colonel Rakesh Krishnan in Warangal on Thursday

in Warangal acknowledging the importance of Startups, Krishnan said.

Several startups have been coming up in Telangana and the students should draw inspiration from them, he said while motivating the students by giving live industrial examples to inculcate the entrepreneurship skills.

The Chairman and HoD CSE department Prof P Niranjan Reddy

The College Director Y Manohar asked students to have dedication, commitment and courage to become future entrepreneurs. He wanted the students to make use of the event, share ideas and gain knowledge from fellow students and the speakers.

Nearly 600 students from various colleges in Telangana participating in the event.

The College Principal Prof P

said that future of the world depends on the beautiful thoughts of creative minds. The event is being organised with an objective of spreading entrepreneurship culture in the region.

Venkateswara Rao, faculty coordinators V Shankar and NC Santhosh Kumar, student coordinators N Barghava Patel and B Sai Maneesh Reddy, organising committee members J Mounisha, T Sushanth, K Harish, M Navya, K Sravan, faculty, staff and PRO D Prabhakara Chary took part in the inaugural ceremony.

కిట్స్‌లో స్టార్టప్ ఉత్సవ్ ప్రారంభం

హాసన్‌పర్తి, ఫిబ్రవరి 15: గ్రేటర్ పరిధిలోని కిట్స్ వరంగల్ ఇంజనీరింగ్ కళాశాల ఆడిటోరియంలో 15, 16వ తేదీల్లో స్టార్టప్ ఉత్సవ్‌ను గురువారం కిట్స్ డైరెక్టర్ వై.మనోహర్ అధ్యక్షతన ప్రారంభించారు. కార్యక్రమానికి ముఖ్య అతిథిగా విచ్చేసిన లెఫ్టినెంట్ కల్నల్ క్యాట్‌ఫిట్ హైదరాబాద్ రాకేష్ కృష్ణన్ జ్యోతి ప్రజ్వలన చేసి అనంతరం మాట్లాడుతూ విద్యార్థులు పారిశ్రామిక వేత్తలుగా ఎదగడానికి కళాశాలలోని క్రమశిక్షణ కారణమన్నారు. ఈ ఉత్సవ ప్రాంగణం పరిశ్రమలను నెలకొల్పే ఉత్సాహాన్ని ప్రేరేపిస్తుందని తెలిపారు. అనంతరం రాజ్యసభ ఎంపీ కిట్స్ సెక్రెటరీ కరస్పాండెంట్ క్యాప్టెన్ లక్ష్మీకాంతారావు మాట్లాడుతూ వరంగల్ నగరంలో మొదటి స్టార్టప్ ప్రోగ్రాం ఇక్కడే మొదలైందన్నారు. కార్యక్రమంలో సి.నారాయణరెడ్డి, పి.నిరంజన్, కిరణ్‌షా, సతీష్‌కుమార్, నికేతు గుండా, యశ్వంత్‌రెడ్డి, భరత్, సాయిరాం పాల్గొన్నారు.

జ్యోతి ప్రజ్వలన చేసున్న అతిథులు

 పాఠశాలల ప్రాంగణం ... విద్యార్థుల చేతుల మీదుగా సేవాభారతి వరంగల్ బాధ్యులకు అందజేశారు. కార్యక్రమంలో సేవాభారతి వరంగల్ బాధ్యులు రమేష్, వసంతరామారావు, ఉపాధ్యాయులు అవతార్ సింగ్, గోపాలకృష్ణమూర్తి, సాయిద్, అహ్మద్, యాసుఫ్, రజిత, ప్రభావతి, కవిత, ప్రసాద్, ఈశ్వరి, శీల, విద్యార్థులు పాల్గొన్నారు.

ఐడియేషన్ బూట్‌క్యాంప్‌లో పాల్గొన్న స్టూడెంట్స్

నిట్‌క్యాంపస్ (కాజీపేట), సెప్టెంబర్ 22: తెలంగాణ ఐటీ హబ్, కేంద్రప్రభుత్వం సంయుక్తంగా నిర్వహించిన ఐడియేషన్ బూట్‌క్యాంప్ శనివారం నిట్‌క్యాంపస్‌లో జరిగింది. ఈ క్యాంప్‌లో జిల్లా నుంచి 250 మంది విద్యార్థులు హాజరై వారి ఆవిష్కరణలు, ఐడియాసును ఎగ్జిబిట్ చేశారు. 46మంది స్టూడెంట్స్ వారి ఐడియాస్ ప్రజెంట్ చేయగా, 13 ఐడియాలు ఫైనల్‌కు ఎంపికయ్యాయి. ఈ ఐడియాలను అక్టోబర్‌లో హైదరాబాద్‌లో ఫైనల్ ఎంపిక జరుగు నుంచి రాష్ట్రవ్యాప్తంగా నిర్వహించిన ఐడియాసులో ఫైనల్ సెల్ చెయ్యనున్నారు ఇందులో సెల్ అయిన ఐడియాసుకు కేంద్ర, రాష్ట్ర ప్రభుత్వాలు పారిశ్రామిక వేత్తలుగా ఎదగడానికి సహకరించి ప్రోత్సాహకాలు ప్రకటించనుందని నిట్ స్టార్టప్ సెల్ కోఆర్డినేటర్ అంజనేయులు ఎగ్జిబిట్ తెలిపారు. ఈ క్యాంప్‌లో పల్లె సృజన సంస్థ పల్లెలో నిర్వహించిన ఆవిష్కరణను ఎగ్జిబిట్ చేశారు. కార్యక్రమంలో నిట్ పీఆర్వో కిరణ్‌కుమార్, తేజస్వి, సురేష్, వద్యశోపాటు వివిధ కళా లలనుంచి స్టూడెంట్స్ చాలామంది హాజరయ్యారు.

రాష్ట్ర స్థాయి పోటీలకు ఉత్తమ ఆలోచనల ఎంపిక

నిట్‌క్యాంపస్,
న్యూస్‌టుడే: కేంద్ర, రాష్ట్ర ప్రభుత్వాలు సంయుక్తంగా నిర్వహిస్తున్న స్టార్టప్ ఇండియా తెలంగాణ యాత్రలో భాగంగా జాతీయ సాంకేతిక సంస్థ (ఎన్ ఐటీ)లో శనివారం ఐడి యేషన్ బూట్ క్యాంపులో విద్యార్థులు సమర్పించిన ఉత్తమ ఆలోచనలను రాష్ట్ర

ఉత్తమ ఆలోచనల ప్రాజెక్టుకు ఎంపికైన విద్యార్థులు

స్థాయికి ఎంపిక చేశారు. ఈ క్యాంపెయిన్‌ను తెలంగాణలో ఐటీ శాఖా మంత్రి సెప్టెంబరు 15న ప్రారంభించి అక్టోబరు 5 వరకు రాష్ట్రవ్యాప్తంగా 12 కేంద్రాలలో నిర్వహించి ఆసక్తి కలిగిన వారి నుంచి ఆలోచనలు స్వీకరిస్తున్నారు. నిట్ లోని బీఆర్.అంబేద్కర్ అధ్యయన కేంద్రంలో జరిగిన సమావేశంలో 46 మంది విద్యార్థులు తమ ఆలోచనలు సమర్పించారు. వీటిలో 13 ఆలోచనలను అక్టోబరు 3

నుంచి 5 వరకు హైదరాబాద్‌లో జరిగే రాష్ట్ర స్థాయి పోటీ లకు ఎంపిక చేశారు. ఇలా రాష్ట్ర వ్యాప్తంగా ఎంపిక చేసిన ఉత్తమ ఆలోచనలను స్వీకరించి వారికి అవసరమైన సాంకేతిక సహకారం, ఆర్థిక ప్రోత్సాహం రాష్ట్ర ప్రభుత్వం అందిస్తుందని సదస్సు నిర్వాహకులు ఆచార్య ఆంజనే యులు తెలిపారు. కార్యక్రమంలో నిట్ ఫ్యాకల్టీ కిరణ్, తేజస్వి, సురేశ్, పద్మ తదితరులు పాల్గొన్నారు.

హారిశ తదితరులు వాల్గొన్నారు.

'కిట్స్'లో ఈడీసీ మెంటర్‌షిప్ వర్క్‌షాప్

హసన్‌పర్తి, జనవరి 31: ఎర్రగట్టుగుట్ట వద్ద గల 'కిట్స్' ఇంజనీరింగ్ కళాశాలలో గురువారం బీటెక్ విద్యార్థులకు మెంటర్‌షిప్ వర్క్‌షాప్ జరిగింది. ఈ కార్యక్రమానికి హైదరాబాద్‌కు చెందిన టెక్నాలజీ బిజినెస్ ఇంక్యుబేషన్ వైస్ ప్రెసిడెంట్ దేవులపల్లి రవి ముఖ్యఅతిథులుగా హాజరై మాట్లా డారు. విద్యార్థులు సాఫ్ట్‌వేర్ ఇంజనీర్లుగా కాకుండా పారిశ్రామికవేత్తలుగా ఎదగడానికి కావలసిన నైపుణ్యాలపై శిక్షణ ఇస్తున్నట్లు తెలిపారు. తెలివితేటలతో పాటు, కష్టించేతత్వం, సమయ పాలన కలిగి ఉంటే పెట్టుబడి పెట్టే సంస్థలు వెతుక్కుంటూ వస్తాయన్నారు. స్టార్టప్‌లో గల నైపుణ్యాలను విద్యార్థి దశలోనే ఇముమడింపజేసుకోవాలని సూచించారు. ఈ కార్యక్రమంలో ఇన్‌చార్జి ప్రిన్సిపాల్ కె.వి. రఘుబాబు, హైదరాబాద్ డిజైన్ డైరెక్టర్ అనంతేజు రఘురాజు, పి.శ్రీకాంత్, కె.కిషోర్ కుమార్, ఎస్.రశ్వీత, హరీష్‌బాబు, శ్రావ్య, మహంత్ పాల్గొన్నారు.

ఇంజనీరింగ్ విద్యార్థులు పారిశ్రామికవేత్తలుగా ఎదగాలి

- టీబీవీసీ వైస్ ప్రెసిడెంట్ రవి దేవులపల్లి
- కిట్స్‌లో మెంటార్‌షిప్ వర్క్‌షాప్

నవతెలంగాణ-హసన్‌పర్తి

విద్యార్థులు సాఫ్ట్‌వేర్ ఇంజనీర్‌గా ఎదగడానికే కాకుండా ఇతరులకు ఉద్యోగ అవకాశాలు కల్పించేలా పారిశ్రామికవేత్తలుగా ఎదగాలని హైదరాబాద్‌కు చెందిన టెక్నాలజీ అండ్ బిజినెస్ ఇంక్యుబేషన్ సెంటర్ (టీబీవీసీ) వైస్ ప్రెసిడెంట్ రవి దేవులపల్లి ఆకాంక్షించారు. మండల కేంద్ర శివారులోని కిట్స్ ఇంజనీరింగ్ కళాశాలలోని సిల్వర్ జూబ్లీ సెమినార్ హాలులో ఎంట్రప్రెన్యూర్‌షిప్ సెల్ ఆధ్వర్యంలో బీటెక్ విద్యార్థులకు మెంటార్‌షిప్ వర్క్‌షాప్ గురువారం నిర్వహించారు. ఈ కార్యక్రమానికి రవి దేవులపల్లి ముఖ్యఅతిథిగా హాజరై మాట్లాడారు. విద్యార్థులు ఉద్యోగాల కోసం వెతికే స్థాయి నుంచి పారిశ్రామికవేత్తలుగా రాణించడానికి ప్రయత్నించాలని సూచించారు. ఆ దిశగా అవసరమైన నైపుణ్యాలు పెంచుకోవాలని సూచించారు. నూతన ఆలోచనలు, కష్టించే మనస్తత్వం ఉంటే పారిశ్రామిక రంగంలో రాణించవచ్చని తెలిపారు. ప్రభుత్వాలు అందుకు అవసరమైన మౌలిక సదుపాయాలు కల్పిస్తున్నాయని వివరించారు. అలాగే పెట్టుబడి పెట్టేందుకు అనేక సంస్థలు సిద్ధంగా ఉన్నాయని తెలిపారు. గౌరవ అతిథిగా హైదరాబాద్‌కు చెందిన డిజైన్ డైరెక్టర్

సమావేశంలో మాట్లాడుతున్న రవి దేవులపల్లి

రఘురాజు అనంతోజు హాజరై మాట్లాడారు. విద్యార్థులు స్టార్టప్ నైపుణ్యాలు నేర్చుకోవాలని సూచించారు. పలు అంశాలపై అవగాహన కల్పించి విద్యార్థుల అనుమానాలను నివృత్తి చేశారు. కార్యక్రమంలో కళాశాల ఇన్‌చార్జి ప్రిన్సిపాల్ ప్రొఫెసర్ రఘుబాబు, ఈడీసీ ప్రొఫెసర్ ఇన్‌చార్జి డాక్టర్ శ్రీకాంత్, ఫ్యాకల్టీ కోఆర్డినేటర్ కిషోర్, తదితరులు పాల్గొన్నారు.

EDC EVENT SCHEDULE- 2023-2024

Activities proposed for the Academic year 2023-24

S. No	Date	Name of the event
1.	21.08.2023	World Entrepreneurs Day Celebrations
2.	25.11.2023	Robo Expo by HimaSree Desai, Founder Kitolit, Hyderabad
3.	11th to 13th January,2024	Drone Tech Ignition workshop.
4.	03.02.2024	Product –Pro as part of Sumshodhin,23
5.	24.02.2024	Workshop on Design Thinking, Critical Thinking and Innovation design
6.	19.03.2024	My Story - Motivational Session by Successful Entrepreneur/Startup founder.
7.	16.03.2024	Exposure and field visit for problem identification
8.	26.03.2023	Interaction Session with Successful Startup Founder
9.	30.03.2024	Demo day / Exhibition / Poster Presentation of Business Plan

AICTE IDEA LAB

AICTE-IDEA Labs are being set up nationwide to promote students' application of STEM principles, fostering practical learning and product visualization.

The IDEA Lab, an integral part of the institution, aims to enhance the imaginative and creative abilities of engineering graduates. In addition, it provides fundamental training in essential 21st century skills identified by NASSCOM, such as critical thinking, problem solving, design thinking, collaboration, communication, and lifelong learning.

The IDEA Lab offers comprehensive resources for transforming an idea into a prototype, all conveniently located in one place. These facilities are accessible 24/7 on campus. Students and professors will be actively encouraged to engage in creative endeavors, while also receiving training in creative thinking, problem solving, cooperation, and other skills that traditional laboratories do not prioritize. This lab aims to cultivate the innovative and creative abilities of students, enabling them to maintain these qualities in their future employment.

The objectives of IDEA Lab at KITSW are as follows:

- In order to expedite the progress of locally produced goods and support the "Make In India" initiative.
- To facilitate the connection between the conceptualization, development, and commercialization of a product.
- To foster the realization of ideas for aspiring Engineers and Researchers in a single collaborative environment.
- To provide a medium for tackling immediate social concerns and industrial obstacles.
- To provide comprehensive education and research across all disciplines to all those involved.

Functions

In order to foster experiential learning and cultivate entrepreneurial skills the DM & PCB Lab is an advanced and specialized digital manufacturing laboratory that is ideal for instructional purposes or for developing prototypes in engineering, manufacturing, and related fields. The ecosystem consists of:

1. Premium 3D printers for fabricating prototypes.
   A laser engraving and cutting machine designed for manufacturing purposes.
2. Sublimation Printer and Heat-Press for personalized Mugs, T-shirts, and other items.
3. PCB designing and fabrication

IT and Industries Minister KTR inaugurated the Centre for Innovation, Incubation, Research & Entrepreneurship at KITS College, Warangal on 5th may, 2023

K.T. Rama Rao visited both labs, i.e., the PCB design lab and digital manufacturing of AICTE IDEA Lab along with the respected management members KITSW Chairman and Former MP Capt. V. Laxmi kantha Rao, Treasurer Sri. Narayana Reddy, honorable Additional Secretary Sri. V. Sathish Kumar, Principal Dr. K. Ashoka Reddy.

AICTE –IDEA Lab- In charges details

Dr. K. Ashoka Reddy
Principal,
Chief Mentor, AICTE-Idea Lab, KITSW

Prof.K Raja Narender Reddy, Head i²RE,
Co-ordinataor AICTE-Idea Lab, KITSW

Dr.V Raju
CO-cordinator,
AICTE-Idea Lab, KITSW

Dr.S.Chandramouli

Tech Guru,

AICTE-Idea Lab, KITSW
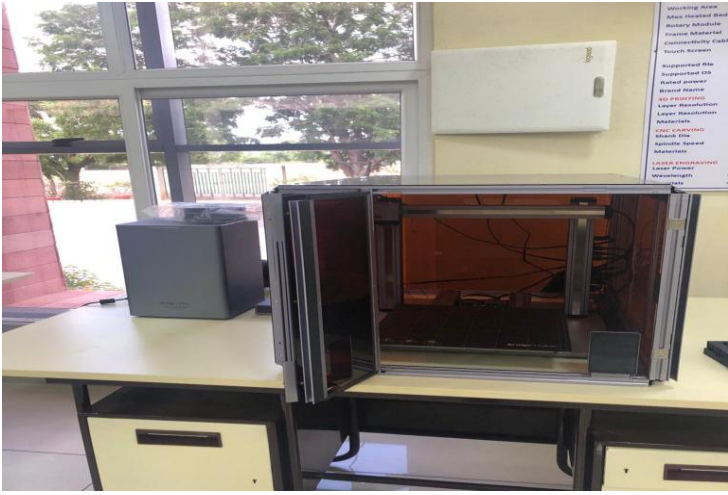
Dr.MD Sameer

Tech Guru,

AICTE-Idea Lab, KITSW

Dr.T. Sunil Kumar

Tech Guru,

AICTE-Idea Lab, KITSW

AICTE –IDEA Lab-Digital Manufacturing-Facilities

S. No	Equipment	Purpose	Cost (Rs.)
1	Snapmaker 350T 3D Printer, Laser Engraving and CNC Carving 	All-in-One 3D printer, CNC carver, and laser engraver used for 3, Laser Engraving and Cutting	3,71,783/-
2	MarkSys EC 13.9 (premium) Laser Engraving and Cutting Machine 	Engraving and cutting machine uses CO2 laser to cut, score, engrave, or otherwise modify physical materials.	3,89,400/-
3	CNC Wood Router MarkSys WR 13.25 3.5 KW	CNC routers are machines used to cut many types of materials, such as wood, plastic, aluminum, and high-density foam. CNC stands for computer numerical control..	5,54,600/-

4	Sublimation Printer EPSON SCF-130 Printer	A4 Dye-Sublimation Printer Is high-performance dye-sublimation transfer printer ideal for small-volume clothing and custom merchandise.	29,850/-
5.	5 in 1 Heat Press machine	Digital multi-functional sublimation machine for t-shirts (any flat product), mug, plate heat press machine used for custom t-shirts, mouse pads, school bag, license plates, and many other unique items.	18,403/-
6.	Latest advanced configuration Computer Systems 6 Nos	Used for Designing and programming.	3,90,000/-
7		Fabricated Products	

List of Events with Photos:

S. No.	Month	Activity	Outcomes
1	December, 2022	FDP - One Week Faculty Development Programme on Digital Manufacturing For Prototyping and PCB Design & Fabrication	One Week Faculty Development Programme on Digital Manufacturing For Prototyping and PCB Design & Fabrication was completed (DECEMBER 19 - 24, 2022)
2	January, 2023	Skilling Program	One-week student skilling program on Digital manufacturing was completed. (23.01.2023 to 28..01.2023)
3	January, 2023	Awareness Program	One-week student Awareness program on PCB Design was completed. (23.01.2023 to 28..01.2023)

4	February, 2023	Industry Interaction	People from T-Hub has visited AICTE IDEA lab on 15.02.2023 and appreciated the progress.
5	March, 2023	FDP On Hands on program on Additive Manufacturing (HPAM) 	One-week FDP on Hands on program on Additive Manufacturing (HPAM) was completed. (11.03.2023 to 16.03.2023)
6	March, 2023	Skilling Program 	One-week student skilling program on Digital manufacturing and PCB design was completed. (20.03.2023 to 25.03.2023)
7	April, 2023	Institute/industry Interaction 	Prof PS Reddy of Pittsburgh University USA and Mr N. Suresh Kumar, DGM Design from Vasantha Toolcrafts Pvt Ltd, Hyd and people from Laxven Technlogies have visited AICTE IDEA lab on 20.04.2023 and witnessed innovative projects

Achievements

S. No	Name of the Project	Description
1.	Experimental investigations of CO2 Laser Cutting of Glass Fiber Reinforced Unsaturated Polyester composites	Dr MD Sameer Asst.Professor of Dept of Mechanical Engineering along with Mr. K Anil IV year ME presented paper titled "Experimental investigations of CO2 Laser Cutting of Glass Fibre Reinforced UnsaturatedPolyester composites" in International Conference Advancement in Materials Processing Technology (AMPT) 2023 organized by Department of Metallurgical and Materials Engineering, National Institute of Technology Jamshedpur
2.	Design and Fabrication of Tool changer using Geneva Mechanism	Mr Abdul Hakam IV year ME presented paper titled "Design and Fabrication of Tool changer using Geneva Mechanism" in International Conference Advancement in Materials Processing Technology (AMPT) 2023 organized by Department of Metallurgical and Materials Engineering, National Institute of Technology Jamshedpur
3.	Challenge Name :- Tvaṣṭā Challenge, IIT HYDERABAD	Objective :- 3D-print the Ramappa Temple –UNESCO World Heritage site Team name :- IDEA LAB KITSW Rammappa Temple 3-D Printed for Tvastv challenge, IIT HYDERABAD: Students completed the miniature within 1000 hr. Among 240 application, only 10 teams completed the challenges and stood in top 5.
4.	3D printing of Ayodhya Ram mandir	On the inauguration of Ayodhya Ram mandir, Students at Kakatiya Institute of Technology and Science have successfully completed 3D printed a magnificent replica of the Temple of Ayodhya Rama mandir. IDEA Lab Students have completed the miniature of Sree Ram Mandir within 115 hrs. Students start working on it on 17th Jan 2024 and completed this on 21st Jan 2024 ie one day before Ram Mandir Inauguration in Ayodhya.

5.	3D printing of lithophane	On the of inauguration of C-i²RE, Students at Kakatiya Institute of Technology and Science have successfully 3D printed a 3D printed of lithophane presented it as the gift to Sri KTR
6.	Making of Trophy for sport day	On the occation of sports day at Kakatiya Institute of Technology and Science IDEA Lab students have successfully made trophies as consultancy project.
7.		On the occation of sports day at Kakatiya Institute of Technology and Science IDEA Lab students have successfully made trophies as consultancy project.
8.		On the occasion of Teachers' day at Kakatiya Institute of Technology and Science IDEA Lab students have successfully made Pen stands

9.		On the occasion of MSME event at Kakatiya Institute of Technology and Science IDEA Lab have successfully made unique Mobile stand
10.		Students of IDEA LAB (digital manufacturing) 3D printed a resin Model using a Resin 3D printer and participated in Creality3D print challenge
11.		Students of IDEA LAB (digital manufacturing) engraved a keychain for a Newspaper as unique marketing idea as consultancy
12.	Design fabrication of Solar panels stand for solar powerdwheel chair for disabled	Students of Digital manufacturing in AICTE IDEA Lab have designed and fabricated Solar panels stand for solar powerd wheel chair for disabled

13.		Mr Rupesh Kumar Neerla of IV year Bearing Roll no B21ME130L has received internship and master+PhD oppurtunity in IIT Mandi, Himachal Pradesh on additve manufacturing due to his significant efforts in Digital Manufacturing Lab of AICTE IDEA Lab
14.		Tech Gurus and students of Digital manufacturing/PCB have trained the more than 300 students from KU and other colleges
15.		Trained nearly 500 students from other college at C-i²RE idea lab

IDEA LAB: DETAILS OF ACTIVITIES IN A.Y 2022-23

S. No.	Month	Activity	Status
1.	December, 2022	FDP - One Week Faculty Development Programme on Digital Manufacturing For Prototyping and PCB Design & Fabrication	One Week Faculty Development Programme on Digital Manufacturing For Prototyping and PCB Design & Fabrication was completed ((DECEMBER 19 - 24, 2022)
2.	January, 2023	Skilling Program	One-week student skilling program on Digital manufacturing was completed. (23.01.2023 to 28..01.2023)
3.	January, 2023	Awareness Program	One-week student Awareness program on PCB Design was completed. (23.01.2023 to 28..01.2023)
4.	February, 2023	Industry Interaction	People from T-Hub has visited AICTE IDEA lab on 15.02.2023 and appreciated the progress.
5.	March, 2023	FDP On Hands on program on Additive Manufacturing (HPAM)	One-week FDP on Hands on program on Additive Manufacturing (HPAM) was completed. (11.03.2023 to 16.03.2023)
6.	March, 2023	Skilling Program	One-week student skilling program on Digital manufacturing and PCB design was completed. (20.03.2023 to 25.03.2023)
7.	April, 2023	Institute/industry Interaction	Prof PS Reddy of Pittsburgh University USA and Mr N. Suresh Kumar, DGM Design from Vasantha Toolcrafts Pvt Ltd, Hyd and people from Laxven Technlogies have visited AICTE IDEA lab on 20.04.2023 and witnessed innovative projects

List of activities organized in 2023-24:

S. No.	Month	Activity	Outcomes
1.	June-July, 2023	Skilling Program	Professional Skilling Program for Intermediate Vocational and ITI Students June 26-July, 2023 was completed.
2.	June,2023	Awareness workshop for Industry	Awareness workshop for Industry experts was conducted on 12/06/2023.
3.	July, 2023	Alumni visit to KITSW AICTE _IDEA lab	Alumni visited to KITSW AICTE _IDEA lab on 9/07/2023.
4.	July, 2023	Open House for Scholl and College students	Open House for Scholl and College students was conducted on 18/07/2023. Equipment available and list of activities carried are explained to the visiting students.
5.	August, 2023	AICTE-IDEA LAB FACULTY DEVELOPMENT PROGRAMME	Empowering Educators : Harnessing AICTE - IDEA Lab Experiments For First - Year Workshop Excellence 08/08/2023-17/08/2023
6.	August, 2023	Discovering AICTE IDEA lab - igniting creativity and Entrepreneurship	Discovering AICTE IDEA lab - igniting creativity and Entrepreneurship was conducted from 18/08/2023 to 19/08/2023.
7.	August, 2023	Student induction program	1 years students visit to i²RE and IDEA Lab from 18/08/2023 to 26/08/2023
8.	September, 2023	InnoTech Advancement Series Batch -1	Professional Skilling Program for 1 year students from 04/09/2023 to 06/09/2023.
9.	September, 2023	InnoTech Advancement Series Batch -2	Professional Skilling Program for 1 year students from 07/09/2023 to 09/09/2023.
10.	September, 2023	Awareness Workshop for Industry	Workshop for industry persons on the facilities from 08/09/2023 to 09-09-2023
11.	September, 2023	InnoTech Advancement Series Batch -3	Professional Skilling Program for 1 year students from 11/09/2023 to 13/09/2023.
12.	September, 2023	InnoTech Advancement Series Batch -4	Professional Skilling Program for 1 year students from 14/09/2023 to 16/09/2023.
13.	September, 2023	InnoTech Advancement Series Batch -5	Professional Skilling Program for 1 year students from 18/09/2023 to 20/09/2023.
14.	September, 2023	InnoTech Advancement Series Batch -6	Professional Skilling Program for 1 year students from 21/09/2023 to 23/09/2023.
15.	September, 2023	InnoTech Advancement Series Batch -7	Professional Skilling Program for 1 year students from 25/09/2023 to 27/09/2023.

16.	September, 2023	InnoTech Advancement Series Batch -8	Professional Skilling Program for 1 year students from 28/09/2023 to 30/09/2023.
17.	September, 2023	Industry Expert Visit	K. Venkateswara Reddy, Tech Mahendra Ltd. Visited from 29/09/2023 to 30/09/2023
18.	October, 2023	InnoTech Advancement Series Batch -9	Professional Skilling Program for 1 year students from 03/10/2023 to 04/10/2023.
19.	October, 2023	InnoTech Advancement Series Batch -10	Professional Skilling Program for 1 year students from 05/10/2023 to 07/10/2023.
20.	October, 2023	InnoTech Advancement Series Batch -11	Professional Skilling Program for 1 year students from 09/10/2023 to 09/10/2023.
21.	October, 2023	Mastering Future Digital Manufacturing Skills	Professional Skilling Program from 09/10/2023 to 14/10/2023
22.	October, 2023	InnoTech Advancement Series Batch -12	Professional Skilling Program for 1 year students from 12/10/2023 to 14/10/2023.
23.	October, 2023	Faculty Training on IoT	FDP conducted to faculty from 19/10/2023 to 21/10/2023
24.	October, 2023	Matlab And 3D Printing Applications in Engineering for students	workshop conducted for KU students from 27/10/2023 to 29/10/2023
25.	October, 2023	Crafting PCBs for students	Skilling program conducted from 27/10/2023 to 29/10/2023
26.	October, 2023	Matlab And 3D Printing Applications in Engineering for Faculty	FDP conducted to faculty of KU from 27/10/2023 to 29/10/2023
27.	October, 2023	Crafting PCBs for faculty	FDP conducted to faculty of KU from 27/10/2023 to 29/10/2023
28.	October- November, 2023	InnoTech Advancement Series Batch -12	Professional Skilling Program for 1 year students from 30/10/2023 to 01/10/2023.
29.	November, 2023	InnoTech Advancement Series Batch -13	Professional Skilling Program for 1 year students from 02/11/2023 to 04/11/2023.
30.	November, 2023	InnoTech Advancement Series Batch -14	Professional Skilling Program for 1 year students from 06/11/2023 to 08/11/2023.
31.	November, 2023	InnoTech Advancement Series Batch -15	Professional Skilling Program for 1 year students from 06/11/2023 to 08/11/2023.
32.	November, 2023	InnoTech Advancement Series Batch -16	Professional Skilling Program for 1 year students from 09/11/2023 to 11/11/2023.
33.	November, 2023	InnoTech Advancement Series Batch -17	Professional Skilling Program for 1 year students from 13/11/2023 to 15/11/2023.

34.	November, 2023	InnoTech Advancement Series Batch -18	Professional Skilling Program for 1 year students from 16/11/2023 to 18/11/2023.
35.	November, 2023	InnoTech Advancement Series Batch -19	Professional Skilling Program for 1 year students from 20/11/2023 to 22/11/2023.
36.	November, 2023	InnoTech Advancement Series Batch -20	Professional Skilling Program for 1 year students from 23/11/2023 to 25/11/2023.
37.	November, 2023	InnoTech Advancement Series Batch -21	Professional Skilling Program for 1 year students from 28/11/2023 to 29/11/2023.
38.	December, 2023	InnoTech Advancement Series Batch -22	Professional Skilling Program for 1 year students from 01/12/2023 to 02/12/2023.
39.	December, 2023	InnoTech Advancement Series Batch -23	Professional Skilling Program for 1 year students from 04/12/2023 to 06/12/2023.
40.	December, 2023	InnoTech Advancement Series Batch -24	Professional Skilling Program for 1 year students from 07/12/2023 to 09/12/2023.
41.	December, 2023	InnoTech Advancement Series Batch -25	Professional Skilling Program for 1 year students from 11/12/2023 to 13/12/2023.
42.	December, 2023	InnoTech Advancement Series Batch -26	Professional Skilling Program for 1 year students from 14/12/2023 to 16/12/2023.
43.	December, 2023	Advanced PCB Design	Professional Skilling Program from 18/12/2023 to 20/12/2023
44.	December, 2023	Skilling Program on Arduino	Professional Skilling Program from 18/12/2023 to 22/12/2023
45.	December, 2023	Skilling Program on PCB	Professional Skilling Program from 18/12/2023 to 22/12/2023
46.	December, 2023	A Hands on Journey into PCB, Robotics, Laser Cutting and 3D Printing	Awareness workshop for technicians from 27/12/2023 to 30/12/2023
47.	January, 2024	Three Day Workshop on Drone Technology	Workshop conducted for students from 05/01/2024 to 07/01/2024
48.	January, 2024	Drone Tech Ignition Workshop	Professional Skilling Program from 12/01/2024 to 13/01/2024
49.	January, 2024	Commencement of 6 Months Industry Sponsored Internship Program on "Development of Automated Visual Inspection System for Industrial Applications"	6 Months Industry Sponsored Internship Program for students to generate Ideas on which students can work by CSR Electrologies from 12th January, 2024
50.	January, 2024	InnoTech Advancement Series Batch -27	Professional Skilling Program from 22/01/2024 to 24/01/2024
51.	January, 2024	InnoTech Advancement Series Batch -28	Professional Skilling Program from 28/01/2024 to 27/01/2024

Activities those planned in the next 6 months for AY 2023-24

S.No	Month	Activity
1.	February,2024	a) FDP on Advances in Electronic designing b) Skilling Program on PCB designing c) School teacher awareness program d) Student internship on cyber security e) Newsletter f) Webpage for AICTE IDEA LAB
2.	March, 2024	a) FDP on digital manufacturing b) Skilling Program on Smart manufacturing c) Ideation Workshops to generate ideas on which students can work in the Idea lab. d) Student internship on cyber security e) Open Day for School students
3.	April, 2024	a) School Teachers awareness program b) Boot camp c) Newsletter
4.	May, 2024	a) Participation in annual technical exhibition b) Ideathon Workshop c) Professional Skilling Program
5.	June, 2024	a) FDP on PCB design b) Student internship c) Newsletter d) School teacher awareness program e) Awareness workshop for industry
6.	July, 2024	a) FDP on Digital Manufacturing b) Skilling Program c) Projects by school children d) Awareness workshop for industry

Prominent people visited AICTE IDEA lab

- Sri. K. Taraka Rama Rao, Ex. Minister, Telanagana inaugurated AICTE IDEA lab on 05.05.2023

- Prof PS Reddy of Pittsburgh University USA

- Dr. G. Srinivas Rao, Cardiologist, Warangal

- Dr. A. Shubhanand Rao, Chief consultant and Advisor, SKYROOT AEROSPACE

- Mr N. Suresh Kumar, DGM Design from Vasantha Tool crafts Pvt Ltd, Hyd

- Dr. P. Ravinder Reddy, Principal, CBIT, Hyderabad

- Dr. Srinivas Prakash Regalla, Senior Professor, Department of Mechanical Engineering **Dean (Institute-wide) Practice School Division** , BITS, Pilani, Hyderabad Campus.

- Dr. A Purushotham, Head, Mechanical Engineering, SNITS

- Sri Chada Ravinder Reddy Managing director, Laxven Technologies have visited AICTE IDEA lab on 20.04.2023 and witnessed innovative projects.

- Ms Shanta Thoutham, T Hub COO, My Gate Founding team member, Board member ICSI (Startups), Angel Investor, Mentor at Telangana State Innovation Cell (TSIC), E cell IIT- B, IIT M

- Sri. A. Dayanad Reddy, Managing Director & Owner, Vasantha Tool Crafts Pvt.Ltd.
- has visited AICTE IDEA lab on 05.05.2023
- G.Koteswara Rao-Senior manager (electronic and software), VEM TECHOLOGIES
- M.Narendra Reddy-Sr.Manager(Mechatronics) VEM TECHOLOGIES
- Anusha Vadlamani - Hr Talent acquisition VEM TECHOLOGIES
- Satya Sai- (Mechanical) from VEM TECHOLOGIES visited on 27.09.2023.
- Venkateswara Reddy K Group Delivery Head Tech Mahindra Ltd visited on 30.09.2023.
- Santhosh Rasamalla Satven, Rammohan Rao from Tech Mahendra Industry expert visited on 04.11.2023.
- Kashmiri Lal. National Organising Secretary, Swadeshi Jagaran Manch.
- Mukka Harish Babu - Chartered Accountant,
- Sri Rajesh ji ,SWADESHI JAGARAN MANCH, warangal VIBHAG, TELANGANA visited 04.12.2023

NATIONAL INNOVATION AND STARTUP POLICY (NISP)
KITS, WARANGAL

National Innovation and Startup Policy (NISP) is one of the Cell under Centre for Innovation Incubation Research and Entrepreneurship (C-i²RE) headed by Prof.K. Raja Narender Reddy, Head, C-i²RE. NISP is a guiding framework to enable KITS Warangal to actively engage students, faculties and staff in innovation and entrepreneurship related activities. The framework promotes awareness in terms of Institutional startup policy, Intellectual property ownership management and Technology licensing, thus enabling creation of robust innovation and startup ecosystem in KITS Warangal. It will be instrumental in leveraging the potential of student's problem solving entrepreneurial mind set and promoting a strong intra and inter institutional partnerships

Objectives:

1. Implement and regulate i²RE guidelines for developing innovation ecosystem
2. Integrate innovation and entrepreneurship courses as a part of academics
3. Develop innovation and incubation ecosystem by conducting Hackathons, Ideathons and design competitions
4. Create collaboration with industry and academic experts to share expertise on innovation and entrepreneurship
5. Conduct pre-scheduled awareness and training programs on social innovation and entrepreneurship
6. Establish the required infrastructure to support the ecosystem

Functions:

To promote research and IPR activities among the students and faculty community as part of their teaching and learning activities.

-To provide a platform for young students to develop products with global recognition that can generate business opportunities.

Awareness program for students on NISP policies and the importance of Innovation, Research and Entrepreneurship.

List of Activities conducted

S. No.	Event / Activity	Date(s)	Type of activity	Org. by	No. of participants
1.	Awareness program on NISP	6-8-2022	Awareness on NISP	i²RE	120
2.	Session on accelerators / incubation – opportunities for students & faculties early- stage entrepreneurs	9-7-2022	Awareness on Entrepreneurship activity	i²RE	191
3.	Internal hackathon for SIH-2022 KITSW report	28-3-2022 29-3-2022	Awareness on Entrepreneurship activity	i²RE	250

Session on accelerators / incubation – opportunities for students & faculties early- stage entrepreneurs

SUMMARY :

Srikanth, A critical thinker, a problem solver and a continuous learner Fueled by a passion for the world of Data Science/BusinessDevelopment/Entrepreneurship and Innovation. Srikanth is a 3X Founder, EX- worldwide mobility, Madrid. During his work and Research, he has been working with big size clients like Kia, Repsol, Wible,Car2go and Acciona.

Inauguration:

The Impact Lecture Series-II is inaugurated by Dr. P. Srikanth, Head, Center for innovation incubation Research & Entrepreneurship (C-i²RE), KITS Warangal and Dr. S. Sunil Pratap Reddy, Chairman, IIC, KITS Warangal in the presence of guests and audience in online mode (MS Teams). In his welcome address, Dr. S. Sunil Pratap, thanked AICTE / MIC for selecting IIC –KITSW as a host institute for Impact Lecture Series for the benefit of both faculty and students of HEIs located in the rural areas. He also thanked the guest speaker Mr. Kalakonda Srikanth Reddy, Founder & CEO, HALA Mobility for sharing their valuable time to motivate the participants on innovation and entrepreneurship.

In his address, Dr. P. Srikanth, detailed the role of C-i²RE at KITS Warangal to nurture the students towards job seekers to job givers. He also elucidated the various activities conducted and to be conducted by IIC, KITS Warangal with the support from MIC-India. He motivated the students, how these impact lectures will aid in becoming innovators and then entrepreneurs.

Lecture – 2: Session on accelerators / incubation – opportunities for students & faculties early-stage entrepreneurs

During his lecture, Mr. K. Srikanth Reddy elucidated the participants about the role of Accelerators & facilities available for students & early-stage entrepreneurs.

The key points he described are:

1. He emphasized how, in today's society, innovation occurs not just in megacities and metropolises but also in Tier-1, Tier-2, and Tier-3 cities.

2. He discussed the difficulties he had when establishing his business, HALA Mobility & how did he overcome those hurdles.

3. He emphasized the value of customer feedback and the lessons to be learned from mistakes you make. He went into detail about the chances and assistance offered by the State and Central governments, including T-HUB and numerous program's that aid in the development of start-up businesses from the bottom up.

4. He went into more detail on how incubators assist business owners in creating Successful start-ups.

5. He underlined that innovation should continue even if you create a successful start-up because the competition may eventually catch up and you risk losing the market worth and importance of your product.

6. He provided some real-world instances of how innovation is affecting us and our way of life.

7. He informed the attendees that as more advanced and current technologies are now being employed, traditional techniques of conducting business and setting future plans shouldn't be the only ones you use.

8. He emphasized the value of learning something new every day, wherever you are.

9. He gave them advice on how to create and develop a product early on and how to tweak it as necessary as time went on.

10. He encouraged pupils not to violate the intellectual property of others and to be original in their own way in order to set their products apart from those of their rivals. He then took questions from students and faculty and cleared their doubts and concluded his lecture.
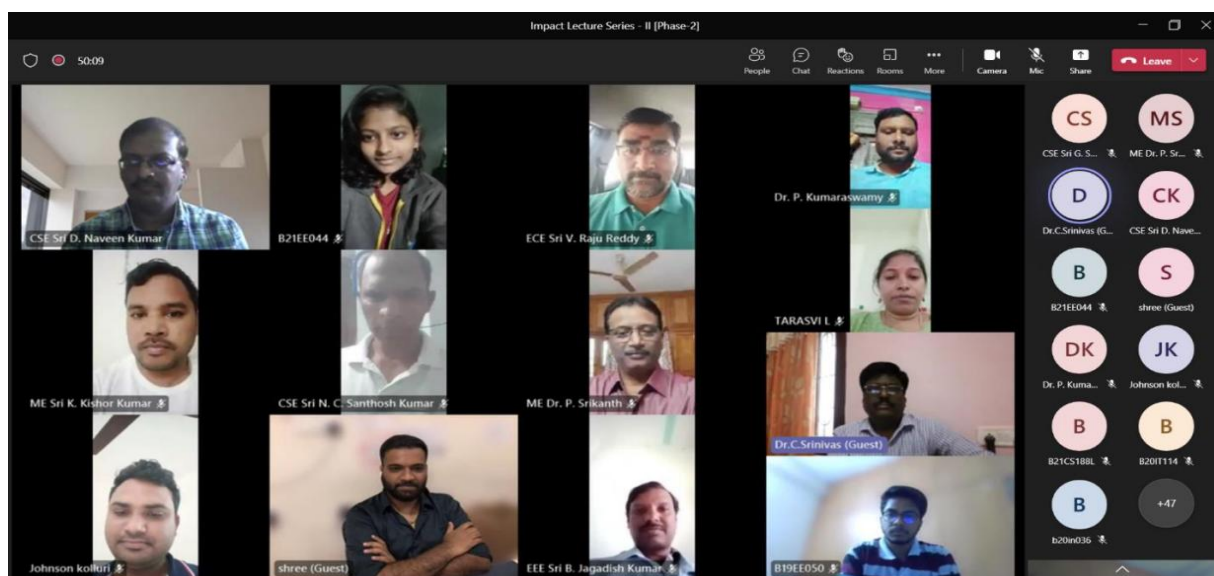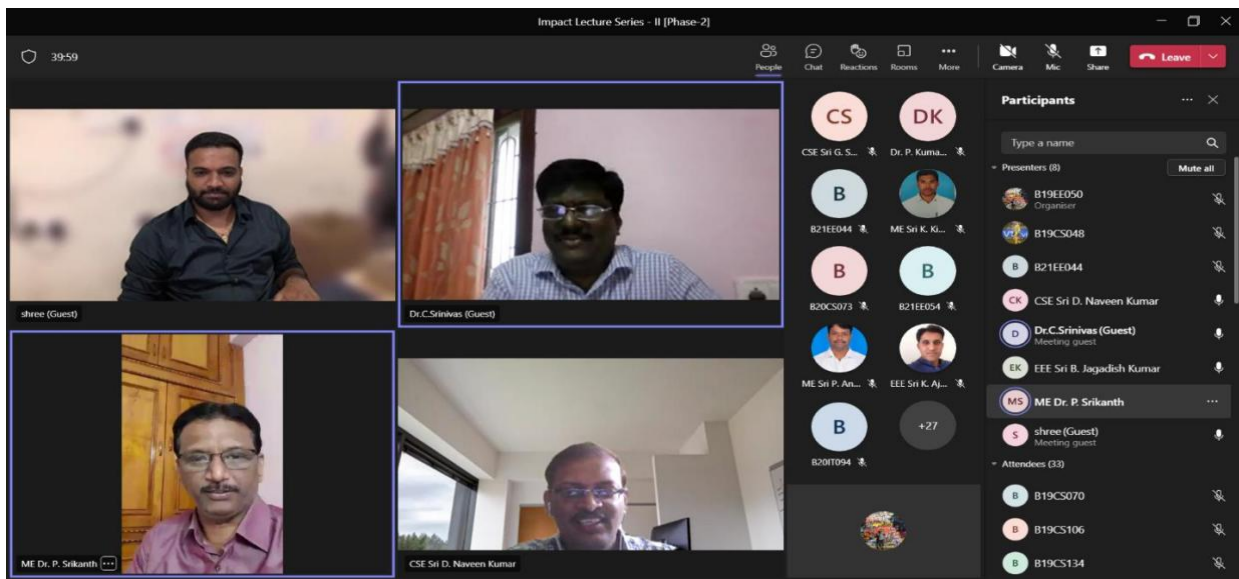
INTERNAL HACKATHON FOR SIH 2022

Summary:

On 24 th March 2022 on 12:30 pm the inauguration ceremony of Internal Hackathon 2022 for Smart India Hackathon is been started by Innovation Incubation Research and Entrepreneurship and Institutions innovation council in association with Computer Science & Engineering Kitsw Team.In this ceremony Dr. P. Srikanth Centre for i²RE professor of mechanical department addressed the gathering and Dr. S. Sunil Prathap Reddy have informed all the prerequisites for the program. Dr.C.Srinivas head of the department CSE have described about the themes which are going to be implemented in Hackathon. Faculty coordinator

Sri N.C.Santhosh have appreciated students for the work and intrest shown in registering the event and for leadership qualities from student group of different branches Dr. K.Ashoka Reddy principal kitsw appreciated the organizing committee of Internal Hackathon2022 for Smart India Hackathon.

INTERNAL HACKATHON FOR SIH 2023

About the event:

Smart India Hackathon 2023 is a nationwide initiative aimed at providing students with a platform to address pressing issues in our daily lives. This initiative seeks to foster a culture of product innovation and a problem-solving mindset among students. SIH2023 encompasses both software and hardware solutions, with problem statements being sourced from Central & State Ministries, Departments, PSUs, Industries, and NGOs.

An internal Hackathon serves as a unique opportunity to engage students in a time-bound, competitive event that not only encourages innovation but also promotes skill development, imparts a corporate culture, and yields crowd sourced solutions. On the 8th of September 2023 (Friday), an internal Hackathon for Smart India Hackathon took place at Kakatiya Institute of Technology, Warangal, Telangana state, in collaboration with the Center for i2RE and the Department of CSE(Networks).

The event commenced with an inspiring address by Prof. Ashoka Reddy, Principal of Kakatiya Institute of Technology and Science, Warangal. He emphasized the significance of Smart India Hackathon-2023. Dr. K. Raja Narender Reddy, Professor and Head of the Center for i2RE, motivated the students to generate innovative solutions. Dr. S. Narasimha Reddy, Associate Professor and HOD of CSE(Networks), encouraged students to view this event as a platform to enhance their programming skills.

Dr. S. Kiran, Assistant Professor & Dept. of CSE(Networks) and Institute SPOC, provided a comprehensive introduction to the internal Hackathon for SIH-2023. He showcased various problem statements from SIH-2023 submitted by different organizations and elucidated the evaluation criteria.

Dr. Kumar Dorthi, Assistant Professor & Dept. of CSE(Networks), who served as the faculty coordinator, received information regarding participants and the evaluation process.

The unveiling of the internal Hackathon poster was presided over by the Head of the Center for i2RE, the Head of the Department of CSE(Networks), the College SPOC, and the Faculty Coordinator of the internal Hackathon for SIH 2023.

This event showcases the commitment to innovation and problem-solving within the academic community and promises to contribute significantly to the goals of Smart India Hackathon 2023. The poster is presented below

Purpose of this event:

The Internal Hackathon encouraged multidisciplinary teams to collaborate effectively. It provided them with the freedom to experiment, explore new technologies, and think outside

the box. This event was designed to address specific challenges in both hardware and software domains. Furthermore, it offered participants the opportunity to acquire new skills.

The primary objective of Internal Hackathon is to assemble individuals with diverse skills and backgrounds to work together in a collaborative manner. The aim is to collectively address challenges, foster innovation, and develop tangible solutions or prototypes within a limited time frame.

Participation Statistics: The participant's statistics are given in the following table

S. No	Participation	Participant Details	Total
1	Total Number of Teams	Total number of teams participated	84
2	Total Number of Students	Total number of students participated	504
3	Gender-wise Participation	Total number of male students participated	264
		Total number of female students participated	240

The following provides photos of the jury panel members.

Mrs Sakuntala Kasaragadda andDr. V.Raju Reddy viewing the idea of the team	Mrs Sakuntala Kasaragadda andDr. V.Raju Reddywith the team	Satya Prasad Peddapelli evaluatingthe team
Satya Prasad Peddapelli giving inputs to the team	Dr.Jothi Prabha Aand Divyank Raj Pathak evaluating the team	Dr.Jothi Prabha Aand Divyank Raj Pathak addressing the team

MD. Sharfuddin WaseemAddressing the Participating Teams	Participating Teams and evaluators at the venue	MD. Sharfuddin Waseem and Surya Prakash viewing the presentation
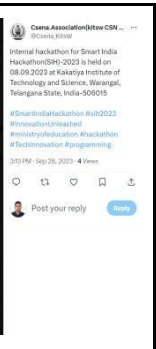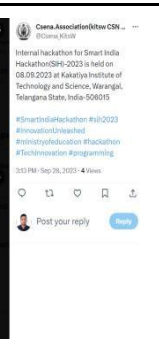
News Articles:

The institute actively engaged with various media outlets, resulting in extensive coverage of the event. To provide the most comprehensive information, we have compiled a list of these sources i.eNews articles and press releases related to the event.

The internal Hackathon exceeded our expectations in every way. We were thrilled to witness a diverse group of participants, each bringing unique skills and backgrounds to the table, which led to incredibly fruitful collaborations. The judges and student teams alike were truly impressed by the level of innovation and dedication showcased throughout the event.

This Hackathon was a testament to the power of creative thinking and effective problem-solving. As we bid farewell to this stage of the competition, we extend our warmest wishes to our talented student teams as they continue their journey toward the Grand Finale of SIH-2023. Your passion and ingenuity are truly commendable, and we have no doubt that you will continue to excel and make us proud.We extend our best wishes to our student teams as they advance towards the Grand Finale of SIH-2023.

Achievements

KITSW Innovation and Startup Policy document (Aligned with National Innovation and Start-up Policy, NISP) is created and made available in KITSW official website (https://kitsw.ac.in/i2re.html).

- As a part of Policy formulation, various action items are uploaded to NISP official site (https://nisp.mic.gov.in/nisp/task)

- As a part of Policy Implementation, various action items are uploaded to NISP official site (https://nisp.mic.gov.in/nisp/task)

Action Plan for next year

- As a part of Policy impact creation, various action items need to be uploaded to NISP official site(https://nisp.mic.gov.in/nisp/task)

- Awareness program need to be created for upcoming first year students on Innovation and Entrepreneurship.

- Nisp policy document need to be revised as per the current trends.

DETAILS OF ACTIVITIES IN A.Y 2022-23

S. No.	Event / Activity	Date(s)	Type of activity	Organized by	No. of participants
1.	Ideathon - Innovative Ideas	11th November 2022	IIC Activity	MSME in association with IIC	22
2.	MSME - Hackathon	10th December 2022	MSME Activity	MSME	25
3.	Awareness Program on Achieving Problem-Solution Fit and Product-Market Fit	16th February 2023	IIC Activity	MSME in association with IIC	185
4.	Session on Achieving "Business Model Canvas (BMC)"	13th March 2023	IIC Activity	MSME in association with IIC	143

Details of Student academic projects transferred towards Innovation or Entrepreneurship in A.Y 2022-23

a) **Dr. V. Raju Reddy**, Asst. Prof of ECE, received a fund of **Rs 16.4 lakhs** for his innovative project- **Real Time Parking space identification using Computer Vision in Smart Cities,** from **MSME-Business Incubator**.

b) **Mr. B. Raghu**, Final year Mechanical student and his team, received a fund of **Rs 15 lakhs** for his innovative project- **Design and fabrication of reaper and binder machine for Leafy vegetables,** from **MSME-Business Incubator**.

c) **Mr. B. Nagarjuna** and his team was among the top 3 contestants of National Level Hackathon organized by MIC, **Smart India Hackathon – 2022** & exhibited their solution for the problem statement in the final round**.**

*** -***