

Report  
for  
**AICTE IDEA LAB**

Centre for innovation, incubation, Research and Entrepreneurship (C-i<sup>2</sup>RE) inspired by its visionary mission, meticulously follows the guidelines set by influential bodies such as the National Innovation and Startup Policy (NISIP), 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-i<sup>2</sup>RE offers a comprehensive suite of support services, including mentorship from seasoned experts, essential business services, FAB Lab support, and strategic funding initiatives. C-i<sup>2</sup>RE 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-i<sup>2</sup>RE 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-i<sup>2</sup>RE , 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-i<sup>2</sup>RE)

*(Catalyzing Dreams, Igniting Progress)*

## C-i<sup>2</sup>RE 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-i<sup>2</sup>RE Mission:

At C-i<sup>2</sup>RE, 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-i<sup>2</sup>RE 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.

## 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.
3. Sublimation Printer and Heat-Press for personalized Mugs, T-shirts, and other items.
4. PCB designing and fabrication

IT and Industries Minister KTR inaugurated the Centre for Innovation, Incubation, Research & Entrepreneurship at KITS College, Warangal on 5<sup>th</sup> 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 Narendra Reddy, Head i<sup>2</sup>RE,**  
**Co-ordinataor AICTE-Idea Lab, KITSW**



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



**Dr.S.Chandramouli**  
**Tech Guru,**  
**AICTE-Idea Lab, KITSW**

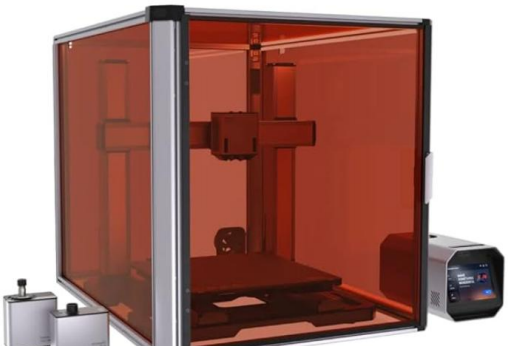





**Dr.MD Sameer**  
**Tech Guru,**  
**AICTE-Idea Lab, KITSW**







**Dr.T. Sunil Kumar**  
**Tech Guru,**  
**AICTE-Idea Lab, KITSW**

**AICTE -IDEA Lab-Digital Manufacturing-Facilities**

S. No	Equipment	Photos	Cost (Rs.)
1	Snapmaker 350T 3D Printer, Laser Engraving and CNC Carving		3,71,783/-
2	MarkSys EC 13.9 (premium) Laser Engraving and Cutting Machine		3,89,400/-
3	CNC Wood Router MarkSys WR 13.25 3.5 KW		5,54,600/-
4	Sublimation Printer EPSON SCF-130 Printer		29,850/-



5.	5 in 1 Heat Press machine		18,403/-
6.	Latest advanced configuration Computer Systems 6 Nos		3,90,000/-
7.	Taparia Screw Driver Set With Bulb-840 Qty: 2Nos		5,476/-
8	Crown Brand - Blue Professional Hot Melt Glue Gun-150 Qty: 5Nos		4,435/-

9	Achro 913 Stainless Tool Open End Kit Qty: 2Nos	 <p>The image shows a red carrying case for an Achro 913 stainless steel open end wrench set. The case is open, revealing 12 wrenches of various sizes arranged in a row. Below the case, a pair of red-handled pliers is shown.</p>	1,698/-
10	THERMO Multipurpose Torch Gun	 <p>The image shows a THERMO multipurpose torch gun. It consists of a black and red handle with a silver nozzle, attached to a yellow and white butane gas canister. The canister has 'SUPERTRON BRAZE' and 'THERMO' branding.</p>	670/-
11	Bosch Professional GSB 120-LI Cordless Impact Drill Diver Qty: 2Nos	 <p>The image shows a Bosch Professional GSB 120-LI cordless impact drill driver. It is blue and black, with a carrying case, a battery pack, and a charger dock also visible.</p>	14,940/-
12	Bosch Gbm 350 Professional Rotary Drill, Wood & Metal Work Qty: 2Nos	 <p>The image shows a Bosch Gbm 350 professional rotary drill. It is blue and black, with a carrying case and a power cord.</p>	4,496/-

13	Shakti Technology MMA-200G Inverter ARC Compact Welding Machine		5,985/-
14	Inditrust Combo 10 Pieces Hex Allen Key Qty: 3Nos		1,407/-
15	Chemtronics SW16045 Desoldering Wick Qty: 10Nos		3,114/-
16	Kaiweets ht118A Digital Multimeter		3,099/-

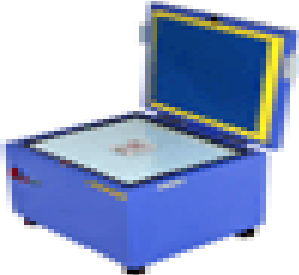

17	Amazon Basics 8-Piece Wood Carving Chisel Set Qty: 3Nos		4,972/-
18	Bosch GKS 140 Corded Electric Circular Saw Qty: 2Nos		13,518/-
19	SUNLU Upgraded Dry Box for 3D Filament storages		10,833/-
20	Rudham Claw Hammer Steel Shaft Rubber Grip Shock Proof Qty: 5Nos		1,372/-



21	Zhart Digital Vernier Caliper with Display Qty: 3Nos		3,357/-
22	BLACK+DECKER BDHT43188 Aluminium Box Beam level Qty: 3Nos		897/-
23	Supvox 17Pcs File Tools Set with Portable Bag		1,699/-
24	Creality Premium 1.75mm ABS 3D Printing Filament Qty: 10Nos		16,480/-

25	Bosch Professional Hacksaw Frame With 18 Tpi Blade Qty: 5Nos		2,275/-
27	AGARO AB2125 700W Electric Blower		999/-
Total			18,57,457/-





**PCB Lab equipment**

S. NO	EQUIPMENT	Photos	COST (RS.)
1.	PROTO-CONTACT PCB ARTWORK FILM MAKER		18500/-
2.	PROTOCUR E- PCB CURING MACHINE (OVEN)		22000/-








3.	PHOTO RESIST DIP COATING MACHINE		23000/-
4.	PROTO-DYE/DEVELOPER (2 IN 1 UNIT)		22000/-
5.	PROTO-ETCH-PCB ETCHING MACHINE		25000/-
6.	PROTODRI LL-3000 - PCB DRILLING MACHINE		24000/-
7.	SLASH-300 - PCB SHEARING MACHINE :		22500/-
8.	RTM 10 - ROLLER TINNING MACHINE		35000/-

9.	PCB LAB CHEMICALS		69000/-
10.	LAM 1200 - DRY FILM LAMINATOR		88000/-
11.	DRY FILM PHOTORESIST ROLL		16500/-
12.	OSCII-ETCH SPRAY ETCHING MACHINE		58000/-
13.	MICRO PLATE (1012) -PTH UNIT		3,60 ,000/-

14.	CHEMICAL FOR PTH UNIT MICRO PLATE(1012 )		110000/-
15.	PROTO - DEVELOPE R/STRIPPE R ( 2 IN 1 UNIT )		24000/-
16.	PROTOUV- DOUBLE SIDED U.V.EXPOS URE UNIT		49500/-
17.	PROTOCOI L- TRANSFOR MER WINDING MACHINE		24500/-
	TOTAL		10,60,673/-






**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 Technologies have visited AICTE IDEA lab on 20.04.2023 and witnessed innovative projects










## Achievements

S. No	Name of the Project	Description
1.	<p><b>Project Expo: Fabrication of Robo Arm</b></p>  	<p>Dr K Ramudu and Dr V Raju of Dept of Electronics and Communication Engineering along with students of 3year ECE K. Thanay Raj, Zishan Ahmed won 1<sup>st</sup> prize in Project Expo organized at University College of Engineering and Technology for Women, KU conducted on 6<sup>th</sup> March,2024.</p>
2.	<p><b>Conference Paper: Experimental and comparative analysis of fused deposition modeling parameters by using ARAS and COPRAS techniques</b></p> 	<p>Dr MD Sameer Asst.Professor of Dept of Mechanical Engineering along with Mr. Konthu Sai Kamal IV year ME presented paper titled “Experimental and comparative analysis of fused deposition modeling parameters by using ARAS and COPRAS techniques” in International Conference Additive Manufacturing (ICAM 2024) organized by Department of Mechanical Engineering, National Institute of Technology Warangal</p>
3.	<p><b>Conference Paper: Experimental investigations of CO2 Laser Cutting of Glass Fiber Reinforced Unsaturated Polyester composites</b></p> 	<p>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 Unsaturated Polyester composites” in International Conference Advancement in Materials Processing Technology (AMPT) 2023 organized by Department of Metallurgical and Materials Engineering, National Institute of Technology Jamshedpur</p>
4.	<p><b>Design and Fabrication of Tool changer using Geneva Mechanism</b></p> 	<p>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</p>



5.	<p>Challenge Name :- Tvaṣṭā Challenge, IIT HYDERABAD</p> 	<p>Objective :- 3D-print the Ramappa Temple -UNESCO World Heritage site  Team name :- IDEA LAB KITSW  Rammappa Temple 3-D Printed for Tvaṣṭv challenge, IIT HYDERABAD: Students completed the miniature within 1000 hr. Among 240 application, only 10 teams completed the challenges and stood in top 5.</p>
6.	<p>3D printing of Ayodhya Ram mandir</p> 	<p>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 17<sup>th</sup> Jan 2024 and completed this on 21<sup>st</sup> Jan 2024 ie one day before Ram Mandir Inauguration in Ayodhya.</p>
7.	 <p>3D printing of lithophane</p>	<p>On the of inauguration of C-i<sup>2</sup>RE, 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</p>
8.	<p>Making of Trophy for sport day</p> 	<p>On the occasion of sports day at Kakatiya Institute of Technology and Science IDEA Lab students have successfully made trophies as consultancy project.</p>

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10.		<p>On the occasion of Teachers' day at Kakatiya Institute of Technology and Science IDEA Lab students have successfully made Pen stands</p>
11.		<p>On the occasion of MSME event at Kakatiya Institute of Technology and Science IDEA Lab have successfully made unique Mobile stand</p>
12.		<p>Students of IDEA LAB (digital manufacturing) 3D printed a resin Model using a Resin 3D printer and participated in Crealty3D print challenge</p>

13.		Students of IDEA LAB (digital manufacturing) engraved a keychain for a Newspaper as unique marketing idea as consultancy
14.	<p>Design fabrication of Solar panels stand for</p>  <p>solar powerdwheel chair for disabled</p>	Students of Digital manufacturing in AICTE IDEA Lab have designed and fabricated Solar panels stand for solar powerd wheel chair for disabled
15.		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
16.	Tech Gurus and students of Digital manufacturing/PCB have trained the more than 300 students from KU and other colleges	
17.	Trained nearly 500 students from other college at C-i <sup>2</sup> RE 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)
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**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 i <sup>2</sup> RE 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 25/01/2024 to 27/01/2024
52.	January, 2024	InnoTech Advancement Series Batch -29	Professional Skilling Program from 29/01/2024 to 31/01/2024
53.	February, 2024	InnoTech Advancement Series Batch -30	Professional Skilling Program from 01/02/2024 to 03/02/2024
54.	February, 2024	InnoTech Advancement Series Batch -31	Professional Skilling Program from 05/02/2024 to 07/02/2024
55.	February, 2024	InnoTech Advancement Series Batch -32	Professional Skilling Program from 08/02/2024 to 10/02/2024
56.	February, 2024	InnoTech Advancement Series Batch -33	Professional Skilling Program from 12/02/2024 to 14/02/2024
57.	February, 2024	InnoTech Advancement Series Batch -34	Professional Skilling Program from 15/02/2024 to 17/02/2024
58.	February, 2024	InnoTech Advancement Series Batch -35	Professional Skilling Program from 19/02/2024 to 21/02/2024
59.	February, 2024	FILAMENT TO FANTASTIC	Workshop on Digital manufacturing from 02/02/24 to 04/02/24
60.	February, 2024	PCB ARCHITECTS	Workshop on PCB fabrication from 02/02/24 to 04/02/24
61.	February, 2024	InnoTech Advancement Series Batch -36	Professional Skilling Program from 22/01/2024 to 24/01/2024
62.	February, 2024	InnoTech Advancement Series Batch -37	Professional Skilling Program from 26/02/2024 to 28/02/2024

### 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 TECHNOLOGIES
- M.Narendra Reddy-Sr.Manager(Mechatronics) VEM TECHNOLOGIES
- Anusha Vadlamani - Hr Talent acquisition VEM TECHNOLOGIES
- Satya Sai- (Mechanical) from VEM TECHNOLOGIES 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

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