

Brief Report on  
**Ideathon - Innovative Ideas**  
*(10<sup>th</sup> to 11<sup>th</sup> November 2022)*

Organized by  
*Institution's Innovation Council (IIC) & MSME-  
Business Incubator,*  
*KITS Warangal*

in association with  
*Centre for Innovation, Incubation, Research &  
Entrepreneurship (C-I<sup>2</sup>RE),*  
*KITS Warangal,*

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# 1. Program Details

## Program Summary

An Ideathon is a short, intensive, workshop-like experience for students to address some of the most pressing challenges of our time. Participants work in teams and use design thinking and innovative learning practices to ideate and collaborate on possible solutions.

## What are the benefits?

A platform to inculcate a culture of product innovation and a mindset of problem-solving ability to solve the problems faced in our daily lives. In this connection we invite research oriented and innovative ideas for the following thrust areas and allied activities under I<sup>2</sup>RE.

Engage in an alternative, out of classroom experience

Be mentored by experienced faculty and also in industry

Gain 21<sup>st</sup> century critical skills in collaboration and design thinking, complete with final presentation to judges comprised of industry and educational leaders.

## Thrust areas are as follows:

1. Internet of Things
2. Intelligent Robotics and Autonomous Systems
3. Low-power wearable and implantable systems
4. Micro-grid and Smart Grid Systems
5. Electric Vehicles
6. Mechatronics
7. Sustainability
8. Others

## 2. Proceedings

### **Inauguration:**

The session is inaugurated by Dr. P. Srikanth, Head - Center for Innovation Incubation Research & Entrepreneurship (C-I<sup>2</sup>RE), KITS Warangal, Dr. S. Sunil Pratap Reddy, Chairman, IIC, KITS Warangal, Dr. Sumanth Kumar B, Coordinator, MSME – BI, KITS Warangal and Dr. Kumar Dorthi, convener, MSME – BI, KITS Warangal.

In his welcome address, Dr. Kumar Dorthi, thanked Management, IIC, MSME -BI – KITSW for providing an opportunity to the students and faculty for exhibit their ideas and skills in solving latest problems.

In his address, Dr. P. Srikanth, detailed the role of C-I<sup>2</sup>RE 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. He motivated the students, how these programs will aid in becoming innovators and then entrepreneurs.

### 3. Poster



**KAKATIYA INSTITUTE OF TECHNOLOGY & SCIENCE  
WARANGAL**

*(An Autonomous Institute under Kakatiya University, Warangal)*

**Centre for PRE-KITS Warangal  
Institution's Innovation Council (IIC 4.0)  
MSME Business Incubator (MSME-BI)**



No: C-I<sup>2</sup>RE/MSME/2022-23/01

Date: 1-11-2022

## Circular

Greetings everyone!

The centre for PRE is happy to inform you that, to fill in the gaps in solutions required by the people, and help build the base for constructing the economic structure of a powerful India.

In view of this students and faculty to put on their thinking caps and create innovative solutions while looking out for local solutions to the local problems, that could be the generation leap India needs, to transform its social, cultural and economic ecosystem into a world leader.

Theme based Ideas in "MSME Ideathon 2.0" are being attached.

1. Internet of Things
2. Intelligent Robotics and Autonomous Systems
3. Low-power wearable and implantable systems
4. Micro-grid and Smart Grid Systems
5. Electric Vehicles
6. Mechatronics
7. Sustainability
8. Others

Register at: <https://forms.gle/jHnVpjk7FtKy48z59>

#### Important dates

Registration of innovative Ideas	05-11-2022
Short list of selected ideas	08-11-2022
Demonstration of Idea through PPT	10-11-2022 & 11-11-2022

**Dr. Kumar Dorthi**  
Convener, MSME-BI,  
KITSW

**Dr. B. Sumanth Kumar**  
Coordinator, MSME-BI,  
KITSW

**Dr. P. Srikanth**  
Head, Centre for PRE,  
KITSW

Copy to: -

1. C-I<sup>2</sup>RE faculty coordinators for necessary action
2. HoD's, Principal, Treasurer and S&C sir for favor of information

#### 4. Top 10 Shortlisted Ideas

S.No	Participant Name	Designation	Title
1	Panday Rajesh, b20cs063@kitsw.ac.in, 9391098641	B.Tech.	Web Application for Divyangjan
2	Rachana Anugula, anugularachana2001@gmail.com 9391827804	B.Tech.	Monitoring Of Individual Power Consumption Of Electrical Appliances In Domestic Supply
3	Mahesh Kumar Thota tmk.it@kitsw.ac.in 9885886696	B.Tech.	Automatic seed sowing using IOT
4	SUNKARI POOJITHA, b20ee087@kitsw.ac.in 9553102084	B.Tech.	Automatic patient assistant system
5	KANIKARAM RAKESH b20ee077@kitsw.ac.in 9177493632	B.Tech.	Reverse Charging In Ev Vehicle
6	Badrinarayan, badrinarayan2204@gmail.com, 7675963032	B.Tech.	IoT-based waste collecting and management system.
7	E Rahul Reddy, b20cs057@kitsw.ac.in 9550552160	B.Tech.	Sponsored Cabs
8	Deeraj reddy, jsdeeraj2004@gmail.com, 7032544635	B.Tech.	Transparent Displays
9	Rayapurapu Nikhitha, rayapurapu@gmail.com, 9676911308	B.Tech.	Producing Electrical Energy By Using Ceiling Fan
10	D. Manvitha, manvitharamesh11@gmail.com, 8978199009	B.Tech.	Low-Cost Housing with More Durability

## 5. Photo gallery



