KKR&KSR Institute of Technology and Sciences
(Autonomous)
Vinjanampadu, Guntur, Andhra Pradesh-522017

Approved by AICTE, New Delhi and Permanent Affiliation from JNTUK, Kakinada
Accredited with "A" Grade by NAAC & NBA Accreditation Status for 4 UG (CSE, ECE, EEE, ME) Programs

36 Hours Hackathon
On

Internet of Things

"Pioneering Innovation through Technology"
(11th to 12th July 2023)

1. Objective of the Event:

Hackathon has become a platform that is frequently used for innovation and intended to promote the use of digital technologies. The goal of a 36 hr. IOT hackathon is to creating a functioning product by the end of the event. Hackathon tend to have a specific focus, which include the hands on experience on various sensors like soil moisture, IR, pulse, gas and how to write coding using tuniot and creating account in Blynk and accessing and uploading data to blynk server and also how to create account in think speak and uploading data to or assessing data from thing speak server. Participants supposed to design working model on assigned projects. The main objective behind the hackathon on Internet Of Things (IOT) is to get the participants learn the essential ins and outs of Internet Of Things (IOT) – from start to end and what's in between. Along with that, the participants needed to understand what to focus when managing their work, specially the projects they work on. That is, being engineering students their needs to be a balanced focus on all aspects of the project, from individual team members to the team itself to the task on hand and understand which coding language, hardware, application, server need to opt for faster prototyping.

2. About the Make Skilled:

Make Skilled is an OTT platform for students, learners, educators and other stake holders, through this platform the team of Make Skilled is bringing lot of skill oriented courses to empower students on latest cutting edge technologies.

Mr. Madhu Parvathaneni, CEO, Make Skilled

Madhu Parvathaneni CEO of Make Skilled is in the market since 2010 and created a product 'Mad Maker space' which is essential today because engineers are problem solvers. We

always compete with our competitors with initiatives such as Learn in Campus, Innovate in Campus, Start in Campus. The Make Skilled intention is to inculcate innovation in campus so that people own it as a culture. Wherever Innovation excel, opportunities overflows.

3. Date & Venue of the Event:

The event is organized at KKR & KSR Institute of Technology and Sciences, Vinjanampadu, Guntur, Andhra Pradesh in AICTE Idea Labs from 8.00 AM to Next day 8:00 PM from 11th July 2023 to 12th July 2023.

4. No. of Participants:140

5. Social Media Link:

6. Event Photographs:

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KKR & KSR INSTITUTE OF TECHNOLOGY & SCIENCES
AUTONOMOUS

NAAC

MAKE SKILLED

ISTE

INSTITUTION'S INNOVATION COUNCIL

KKR & KSR INSTITUTE OF TECHNOLOGY AND SCIENCES

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DEPARTMENT OF INFORMATION TECHNOLOGY

ISTE - STUDENT CHAPTER ORGANIZING

HACKATHON on

INTERNET OF THINGS (IOT)

"UNLOCKING THE SECRETS OF INNOVATION THROUGH TECHNOLOGY"

DATE: 11th & 12th JULY, 2023

VENUE: AICTE IDEA LABS

7. Benefits in terms of learning/Skill/Knowledge obtained.

Hackathons are competitions where one tries to make something be it software, hardware or something else at all to provide an impactful solution to a given problem statement by the hackathon organizers in most cases. For the Participants, Hackathons are an obvious career boost. It will make more aware of their own capabilities and thus also bolster their confidence, something

that is highly desirable for students who tend to undervalue their own skills or achievements more than men. Resource persons Madhu Parvathaneni and his Team gave their best to the students and free-thinking about their ideas with their sound knowledge on Internet of Things.

In this Hackathon, Students are progressive their knowledge towards IoT and innovate their ideas in various fields like Agriculture, Smart Green house, Speed controller, Finger print Authentication, Automation , Medical field ,Chemical detection about Sanitary , Play Brush for kids, with fog Hand wash and river waste collection. However the students learn to do coding and get new ideas innovating way. Resourse person Madhu and his Team lead the students in Confidence way to Build their innovation. At the same time they improve their Learning ability and team Spirit.

8. Expenditure Amount (If any): Nil

HEAD
Dept. of Information Technology
KKR & KSR Institute of Technology & Sciences
Vinjanampadu, GUNTUR-17.