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"
(13th to 14th July 2023)

1. Objective of the Event:

Hackathons are said to promote a variety of innovative ideas and can be traced back to the idea of problem-solving. There is little research on the use of hackathons in classes to meet course-level learning objectives, despite the emphasis given to its advantages in other human efforts.

The goal of a 36 hr. IOT hackathon is to creating a operative product by the end of the event. Hackathon incline to have a specific focus, which include the hands on experience on Node MUC, various sensors like soil moisture, IR, pulse, gas and how to write graphical 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 Makerspace' 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 in KKR & KSR Institute of Technology and Sciences, Vinjanampadu, Guntur, Andhra Pradesh in AICTE Idea Labs from 8.00 AM to 5:00 PM. from 13th July 2023 to 14th July2023.

4. **No. of Participants: 75**

5. Social Media Link:

6. Event Photographs:

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NAAC

MAKE SKILLED

INSTITUTION'S INNOVATION COUNCIL
(Ministry of HRD Initiative)

AICTE IDEALab

36 HOURS HACKATHON

RISE

on

INTERNET OF THINGS (IoT)

(PIONEERING INNOVATION THROUGH TECHNOLOGY)

13th & 14th july,2023

Mr.Madhu Parvathaneni

CEO MAKE SKILLED

&

Team

Organized by

Dept. of Information Technology

IN ASSOCATION WITH

ISTE - STUDENT CHAPTER

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KKR & KSR INSTITUTE OF TECHNOLOGY AND SCIENCES

Vinjanampadu, Vatticherukuru Mandal,
Guntur - 522 017, A.P.

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DEPARTMENT OF INFORMATION TECHNOLOGY

&

ISTE - STUDENT CHAPTER ORGANIZING

HACKATHON on

INTERNET OF THINGS (IOT)

"PIONEERING INNOVATION THROUGH TECHNOLOGY"

DATE: 13th & 14th 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 evident career boost. Students will make more aware of their own capabilities and thus also bolster their confidence, something that is highly preferable for students who tend to undervalue their own skills or achievements more than men.

In this Hackathon, Students are innovative their knowledge towards IoT and introduce their ideas in various fields like Drowsiness detecting and alerting system, Smart Green house, light, Speed controller, Finger print Authentication, Automation , Car Parking, Li-Fi data transfer, with fog Hand wash and water level monitoring system. However the students acquire to do coding and get new ideas innovating way. At the same time they improve their learning ability and team Spirit. During these days students improve technical and soft skills, learning new things, and successful networking.

8. Expenditure Amount (If any): Nil

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