



ADITYA COLLEGE OF ENGINEERING & TECHNOLOGY(A) (An AUTONOMOUS Institution)

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Accredited by NBA* Accredited by NAAC A+ Grade with CGPA of 3.40
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Aditya Nagar, ADB Road, Surampalem, Gandepalli Mandal, Kakinada District - 533437, A.P
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Report on Three Day Workshop on Applications of Internet of Things

Organized by : Department of Information Technology
Name of the Speaker: BAPUJI KANAPARTHI
Designation : CTO, Huebits. IoT Product Developer and Trainer
Topic : Applications of Internet of Things
Venue : Skill Development Lab
Date & Time : 4th to 6th December 2023
9:30AM - 4:00PM
Conducted for : Students

| Branch | Year | Semester | No of Students Attended |
|--------|------------|----------------|-------------------------|
| IT | Final Year | First Semester | 65 |

Profile of the Speaker

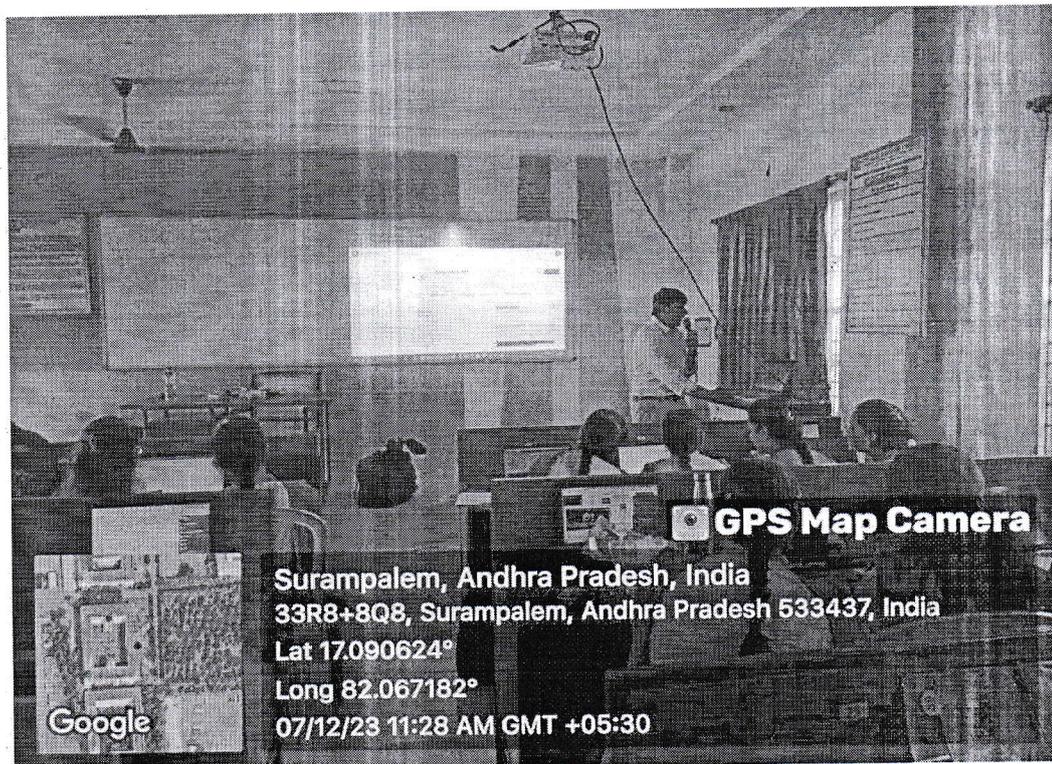
Bapuji Kanaparthi Chief Technology Officer, Huebits. A practical Internet of Things Engineer, Researcher, Product Developer and Trainer on Internet of Things (IoT) and Data Science. He has 13 Years of experience, with 6 years in Internet of Things (IoT) Research and Training. Founder of and director of Appleton Innovations. Trained 10000 plus students and professionals on Internet of Things and Data Science. IABAC Certified Trainer for Data Science, Machine Learning and Analytics. He completed his M.Tech from IIT Bombay with CGPA: 8.22 and B.Tech from Acharya Nagarjuna University. He also trained professionals in corporate sector which includes Edge Computing Training to Intel, Internet of Things (IoT) using Raspberry Pi Training to ThoughtFocus and Data Science Training to Technova.

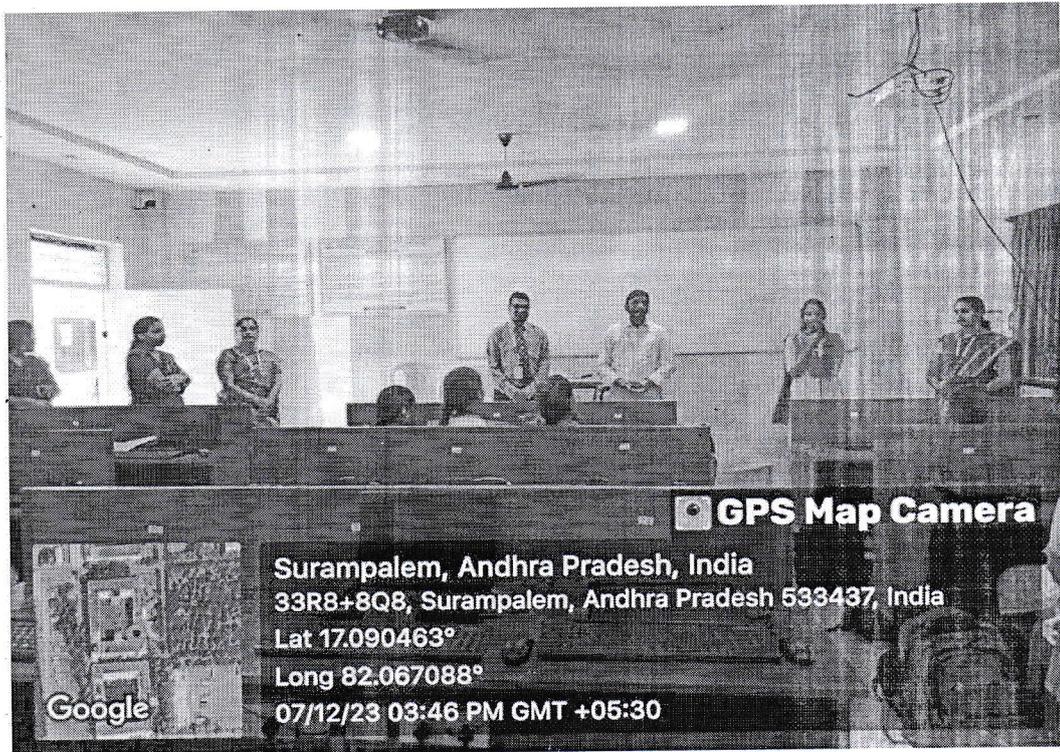
Report

1. Report in brief by Organizer / Coordinator / Convener:

Department of Information Technology organized a Three-day Workshop on Applications of Internet of Things for Final year B.Tech IT Students in Skill Development Lab, from 4th December 2023 to 06th December 2023. The aim of workshop is to discuss real life use cases on IoT application and make the session really interactive by providing an opportunity to suggest a solution to real life scenario also has been include discussing some bonus: IoT demo applications with raspberry Pi board. Day ended with the demonstration of live project such as temperature monitoring. For Interfacing different types of sensors with Arduino and Arduino with data base, different programming steps have been discussed (function, statement, control statement levels variables, math, pin mode, serial mode, digital mode variable, delay and for loop). Overall the course aims to equip participants with practical skills for real-world applications in Internet of Things. This workshop is a certification-based program where the students have taken Assessment test and students are awarded with Certificate. Also competitive hands on problem has been given to the students they performed very well and two groups have been identifying for extra ordinary effort. The Resource person shared her email addresses to facilitate further communication and information exchange. The ceremony and function came to an end with a group photo session.

2. Photos:

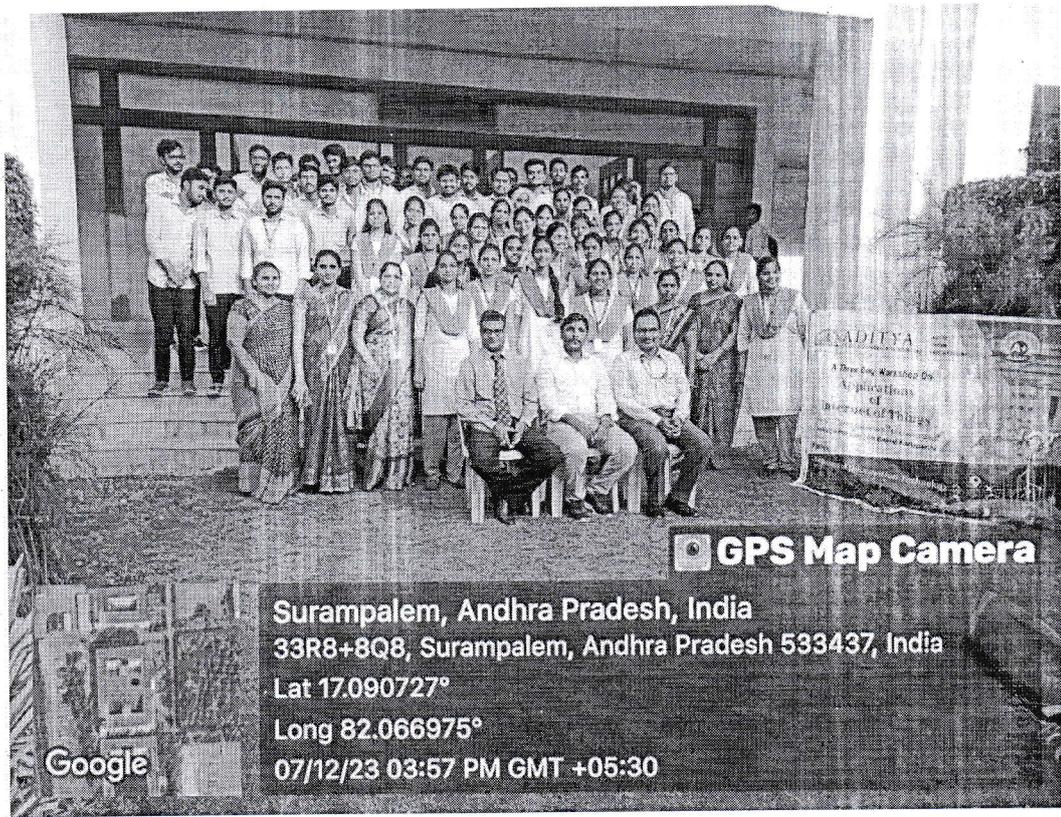




GPS Map Camera

Surampalem, Andhra Pradesh, India
33R8+8Q8, Surampalem, Andhra Pradesh 533437, India
Lat 17.090463°
Long 82.067088°
07/12/23 03:46 PM GMT +05:30

Google



GPS Map Camera

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Lat 17.090727°
Long 82.066975°
07/12/23 03:57 PM GMT +05:30

Google

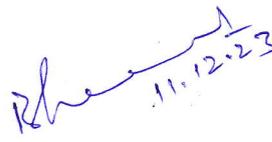
3. Feedback from students:

Students are very much satisfied with the Workshop conducted by IT Department on Applications of Internet of Things. Designed as an immersive Three-day experience, this course offered a hands-on exploration of crucial themes in internet of things. Participants delved into fundamental concepts, including sensors, software, and connectivity, enabling them to collect and exchange data. It revolutionizes the way we interact with our surroundings by connecting devices and allowing them to communicate over the Internet. This program provided digital content access in English languages to all the participants.

4. Remarks from Resource Person:

Response from the management, staff and students was highly satisfactory and looking forward to conduct more sessions in future.


Coordinator/Organizer


HOD


Principal