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Anekal, Bengaluru

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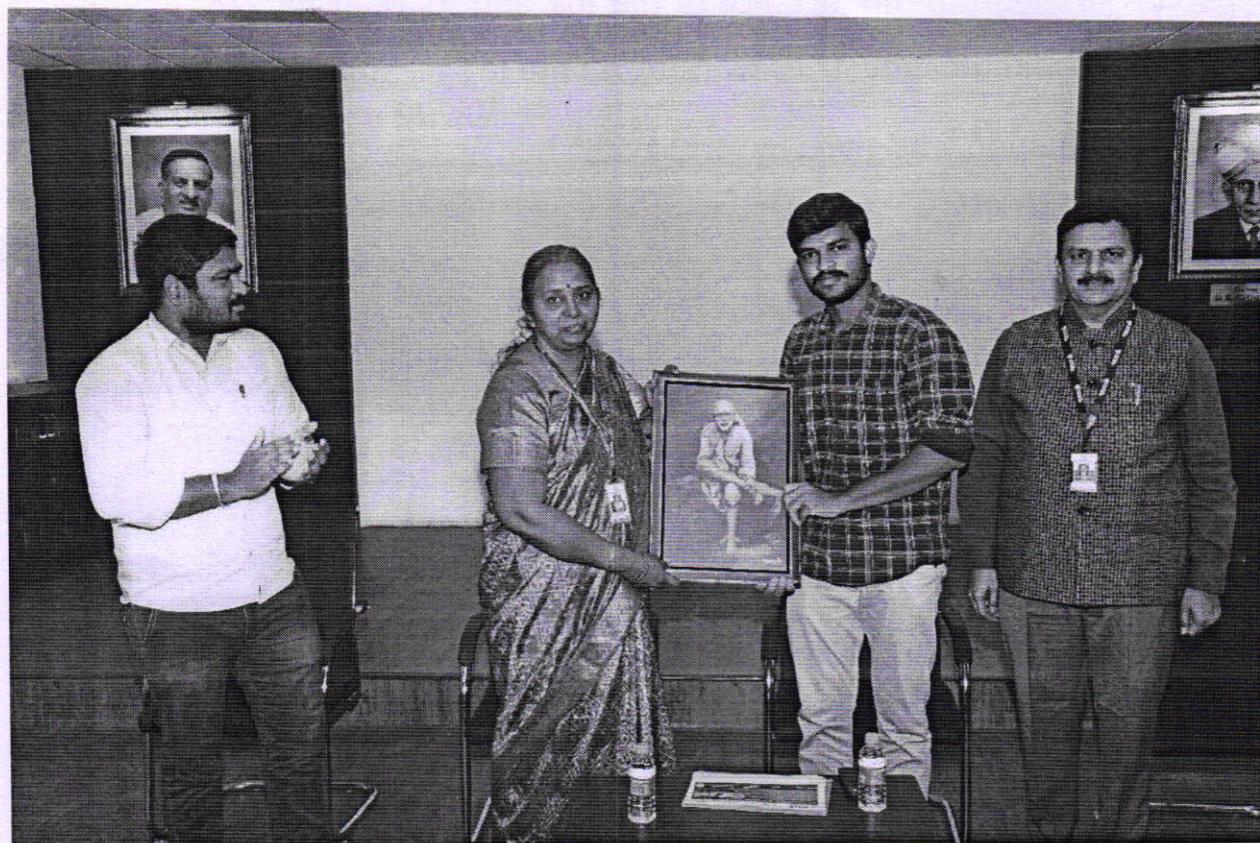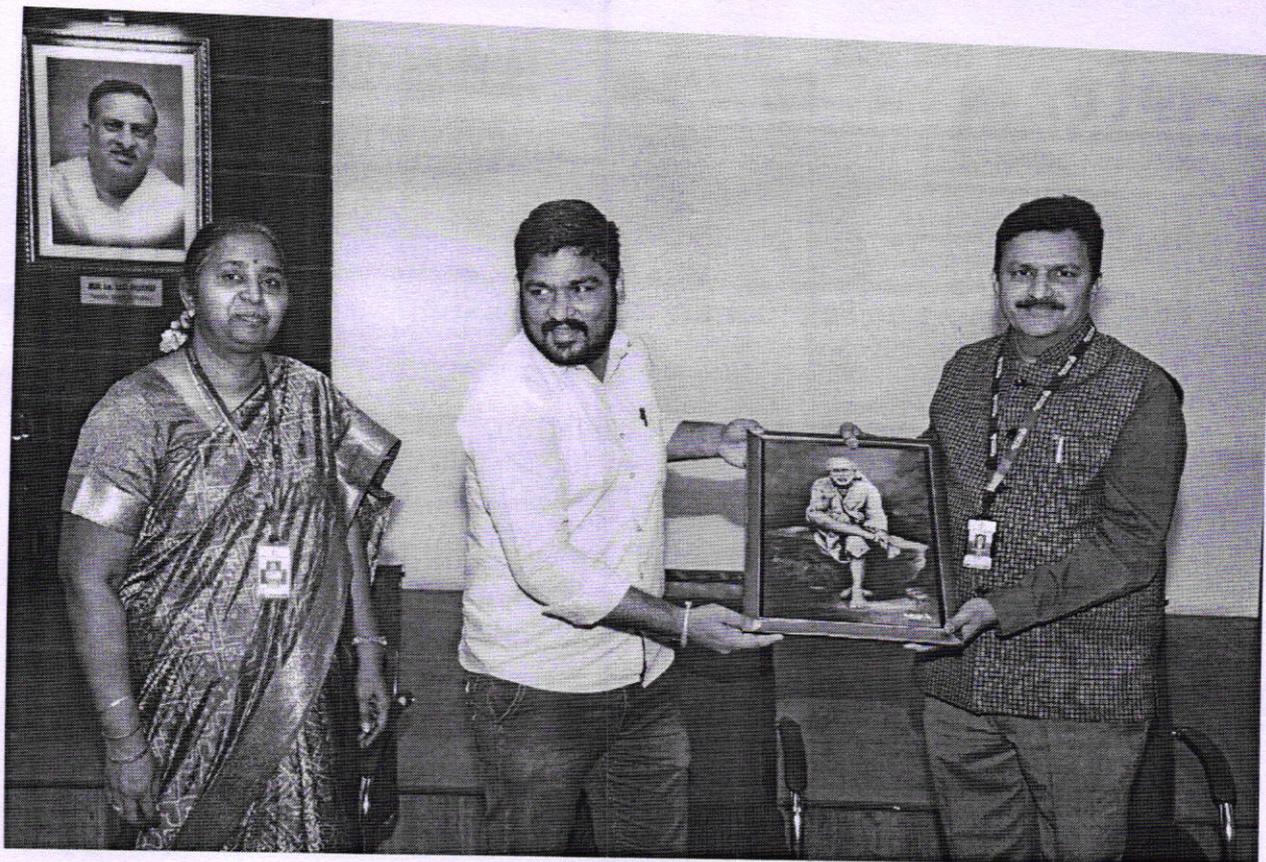www.sairamce.edu.in

03.06.2024

Report on Seminar on "IoT Workshop"

Department of Electronics and Communication, Sri Sairam College of Engineering, has organized a Two days - Workshop for Second year ECE students on the topic" Internet of Things" on 30th and 31st of May 2024. The Resource Persons **are Mr. Karthikeyan,** Technical Lead, **Mr.Dinakar, Technical Engineer, IobiT Solutions Pvt. Ltd, Bangalore.**

The Inaugural was conducted in AV hall. The program started formally with a welcome address by our Principal Dr.B.Shadaksharappa and Dr.A.Poonguzhali Professor &Head/Department of ECE have felicitated the Resource persons. Principal has briefed the importance of the IoT and its relevance to day to day applications and the industries working on the IoT technologies.

The guest Introduction was given by Mrs.Savitha H.S , Assistant Professor , ECE.

The students were given insights into the rapid growth of the Electronic industries and recent technologies in IoT and its applications.

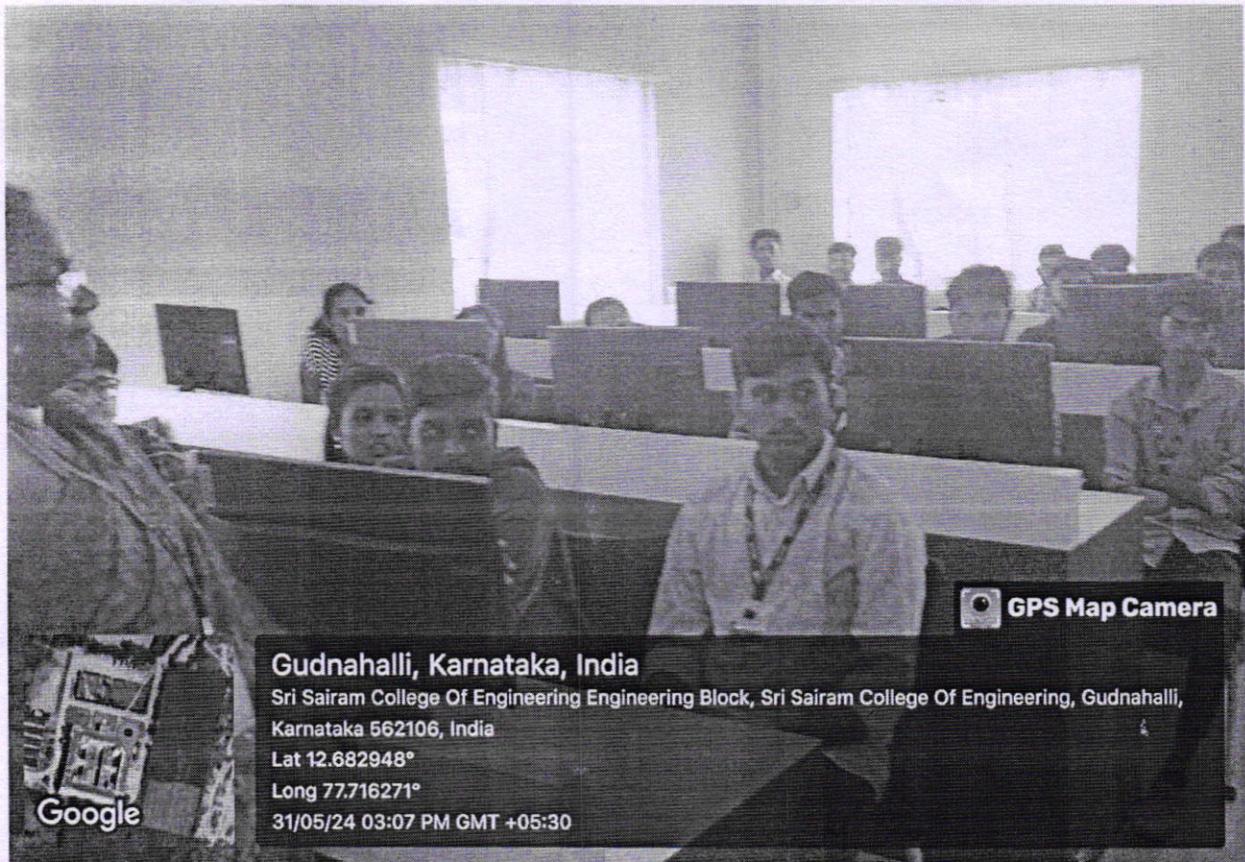The hands on sessions were given in IoT Lab.

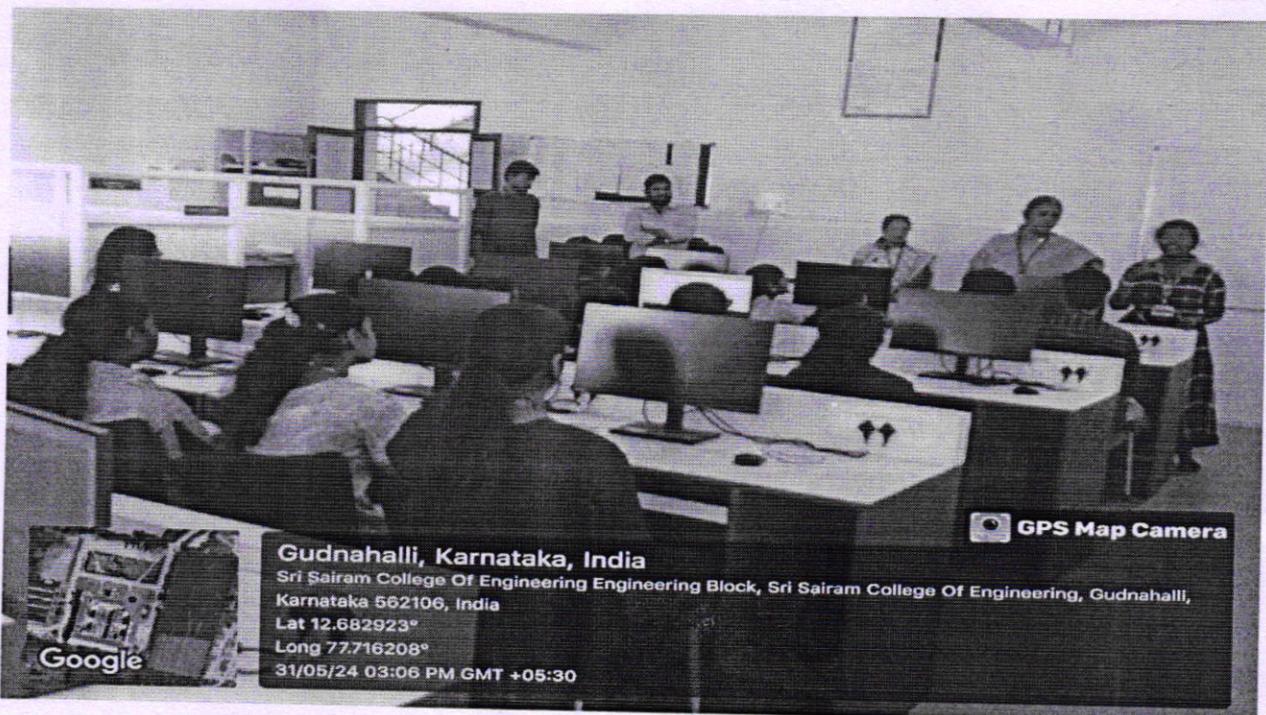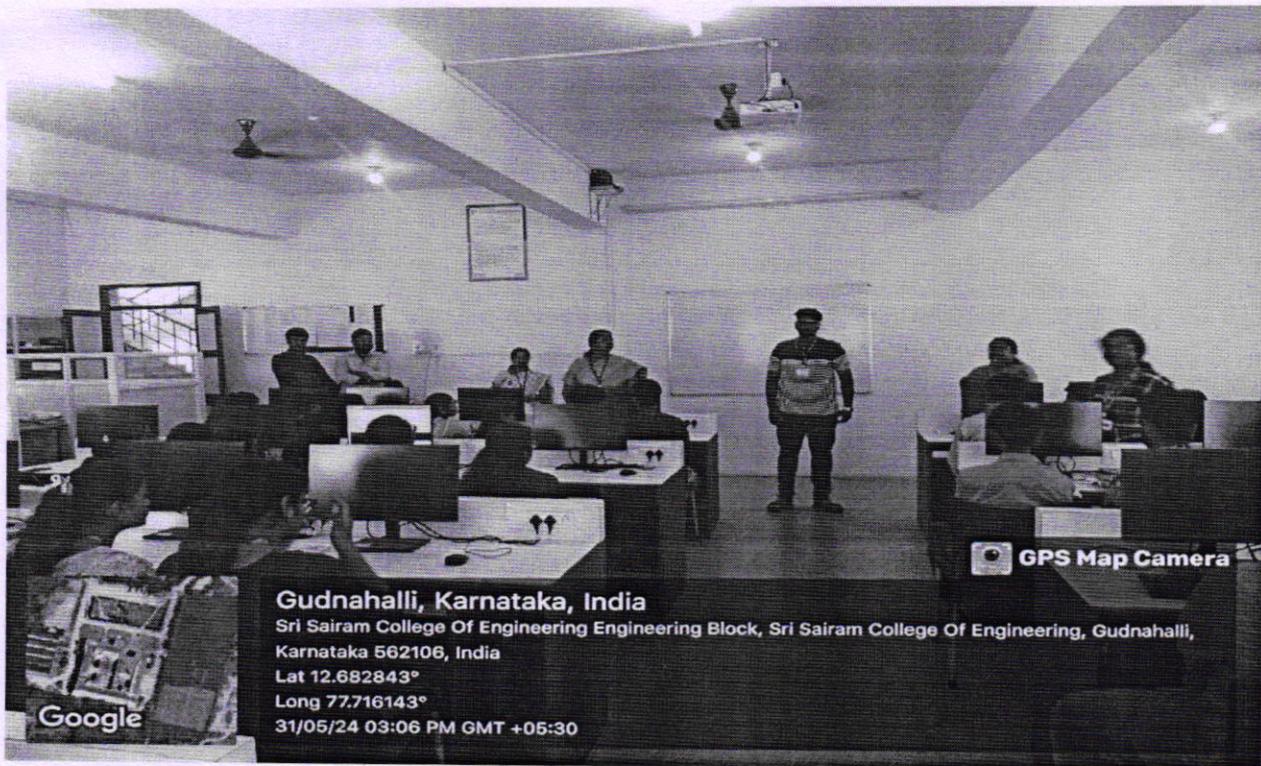The workshop was conducted as per the below schedule.

Day 1:

- Hands-On : Open source hardware(ESP32)

- Hands-On : Digital Sensor Interfacing applications

- Hands-On : Actuator Interfacing

- Hands-On : Analog Sensor Interfacing applications

- DIY Session : Application Development using Analog & Digital sensors

Day 2:

- Introduction :Bylnk Cloud or Thingspeak (Standard Cloud)

- Hands-On : Ultrasonic Sensor Interfacing and Data push to cloud

- Hands-On : Analog Sensor Interfacing applications

- DIY Session : Application Development using Analog & Digital sensors

- Hands-On : Actuator Interfacing

GPS Map Camera

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The second day, program ended with Valedictory function. Professor and Head, Dr.A.Poonguzhali has given conclusion remarks and asked about the feedback about the workshop from students.Some of the Students have given feedback about the workshop and requested to conduct these kind of workshops in future as well.

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Co-ordinators

HOD/ECE