



Report on 5 days workshop on Electronics and Industrial IOT for Students and Educators

by **IEEE CAS Society (CASS SBC60981AG)**



Date: 21.10.24 to 25.10.24

The poster is for a 5-day workshop titled "ELECTRONICS AND INDUSTRIAL INTERNET OF THINGS FOR STUDENTS AND EDUCATORS". It is organized by the Department of Computer Science and Engineering (Internet of Things) and the Sairam Techno Incubator Foundation. The workshop is exclusively for circuit branches of SEC & SIT, scheduled from 21-25 OCT 2024. The resource persons are Mr. A. Karthick (CEO), Mr. P. Tharunkumar (CIO), and Mr. R. Keerthi Vasan (CTO), all from Spark Infotech. The coordinator is Dr. P. Sathyaraj (Associate Professor, CSE(IoT)). Other organizers include Dr. M. Kanthimathi (HoD - CSE(IoT)), Dr. J. Raja (Principal), and Dr. Sai Prakash Leo Muthu (Chairman & CEO, Sairam Institutions). The poster features logos for Sairam, IEEE, and CAS, along with accreditation logos like RAISE, EOMS, SDG, and ARIIA.

**Department of Computer Science and Engineering
(Internet of Things)**
&
**In Association with Sairam Techno Incubator
Foundation**

SEC202410DC110

5 Days Workshop on
**ELECTRONICS AND INDUSTRIAL
INTERNET OF THINGS FOR
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EXCLUSIVELY FOR
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21 - 25 OCT 2024

RESOURCE PERSONS

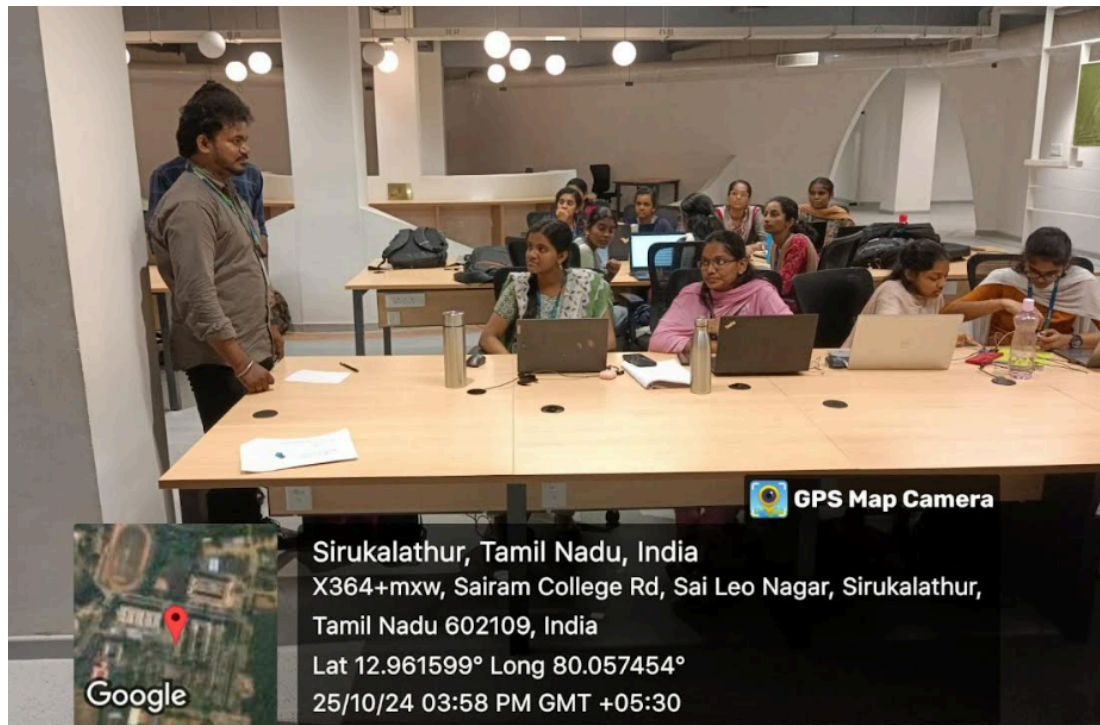
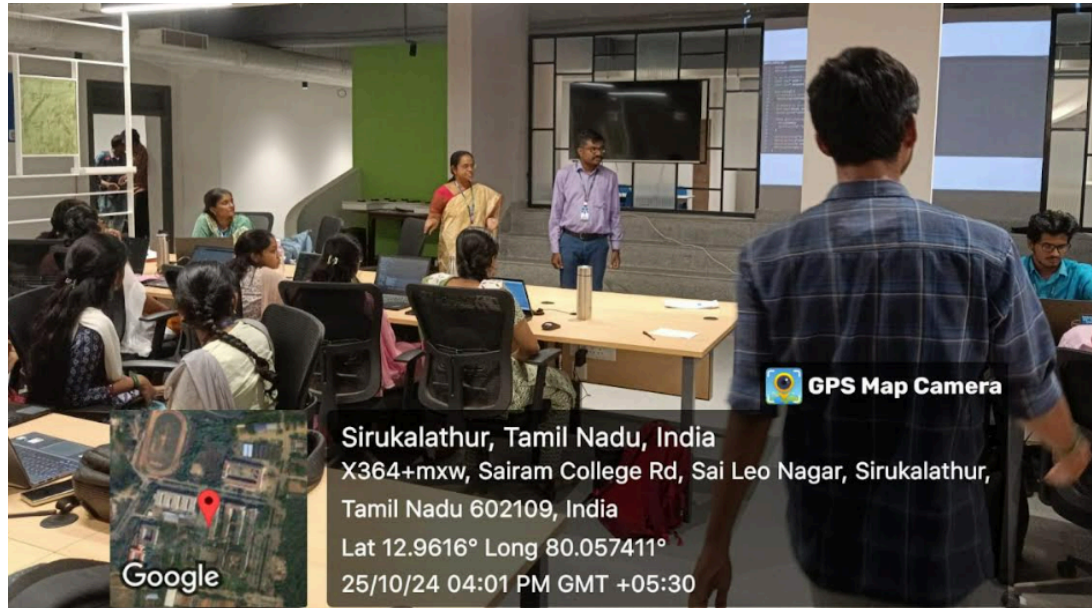
Mr.A.Karthick CEO Spark Infotech	Mr.P.Tharunkumar CIO Spark Infotech	Mr.R.Keerthi Vasan CTO Spark Infotech
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Coordinator
Dr.P.Sathyaraj
Associate Professor
CSE(IoT)

Dr.M.Kanthimathi HoD - CSE(IoT)	Dr.J.Raja Principal	Dr.Sai Prakash Leo Muthu Chairman & CEO Sairam Institutions
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The 5-day workshop on "Electronics and Industrial IoT" aimed to enhance students' and educators' knowledge and skills in electronics and Industrial Internet of Things (IoT). It began with an introduction to basic electronics principles, focusing on circuit design, sensors, and microcontrollers. The second day covered the fundamentals of IoT, explaining its significance in modern industries and various IoT communication protocols. Participants gained hands-on experience by working with Arduino and Raspberry Pi to build IoT projects. The third and fourth days were dedicated to industrial IoT applications, exploring real-time monitoring, automation, and data analytics. On the final day, participants presented their IoT-based projects, showcasing

their understanding of the workshop's concepts. The event was highly interactive, promoting collaborative learning and fostering innovation. Participants also received valuable resources for further exploration in the IoT field. Overall, the workshop provided a comprehensive and practical approach to Electronics and Industrial IoT.



We thank our CEO, Principal, HOD - ECE and HOD-CSE(IOT) for their invaluable guidance and support in making this event a success. Their contributions were pivotal in creating an engaging and competitive environment for our students.