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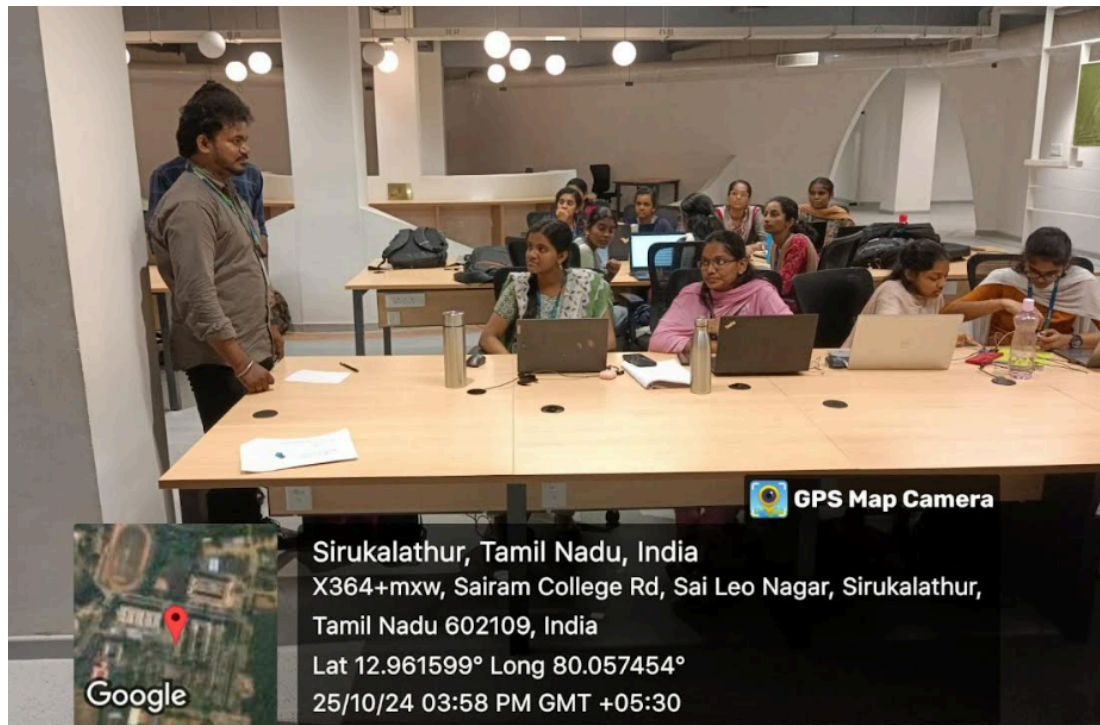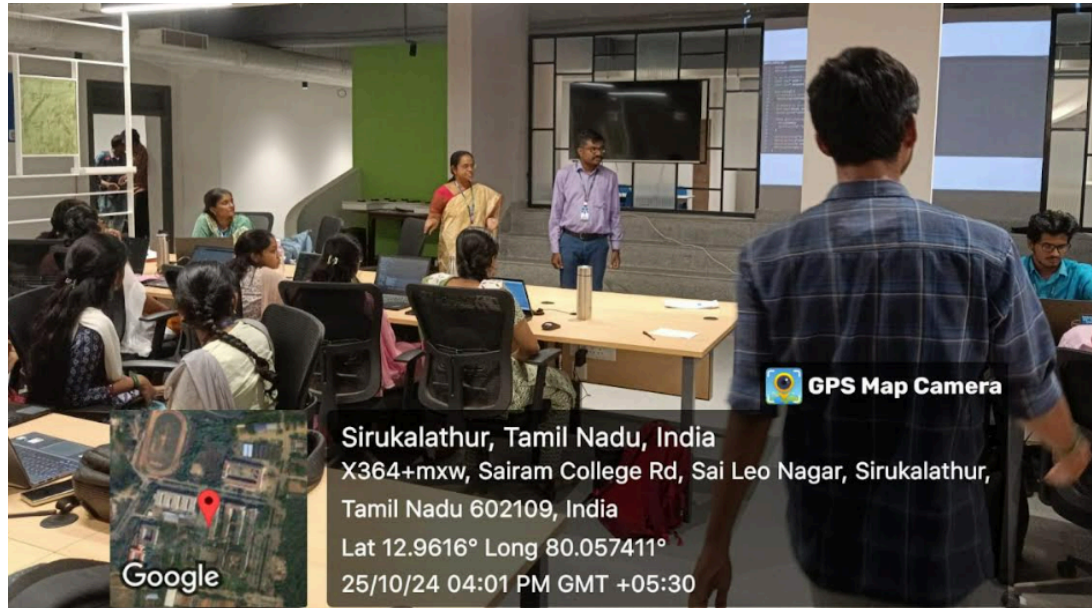
We thank our CEO, Principal, HOD - ECE and HOD-CSE(IOT) for their invaluable guidance and support in making this event a success. Their contributions were pivotal in creating an engaging and competitive environment for our students.