



SRI VENKATESWARA COLLEGE OF ENGINEERING
AUTONOMOUS -Affiliated to ANNA UNIVERSITY
Sriperumbudur- 602 117

**DEPARTMENT OF ELECTRICAL AND ELECTRONICS
ENGINEERING**

ASSOCIATION OF ELECTRICAL AND ELECTRONICS ENGINEERS

Solicit your esteemed presence for the

Technical Talk

on

“Internet of Things”

by

Dr. Sabitha Ramakrishnan
Assistant Professor (Senior Grade)
MIT Campus, Anna University, Chennai.

Venue	: Video Hall
Date	: 15th October 2018 (Monday)
Time	: 1:00 PM to 3:00 PM

Report

Lecture on Internet Of Things

Sri Venkateswara College of Engineering organized a guest lecture on 'Internet of things' for the students and faculty of Electrical and Electronics Engineering department in the video hall on 15th October 2018. The lecture was delivered by Dr. Sabitha Ramakrishnan, Assistant Professor (Senior Grade), MIT campus, Anna University on the topic "Internet of Things".

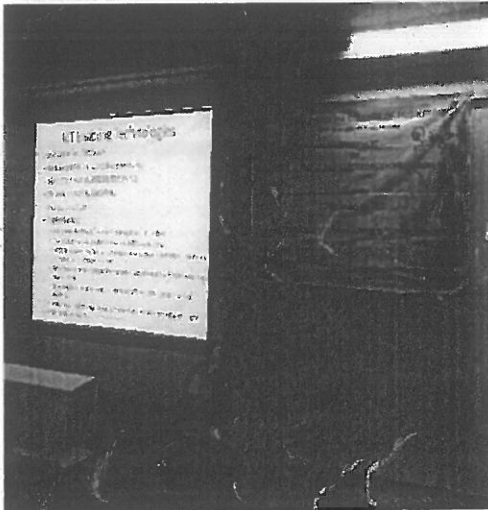
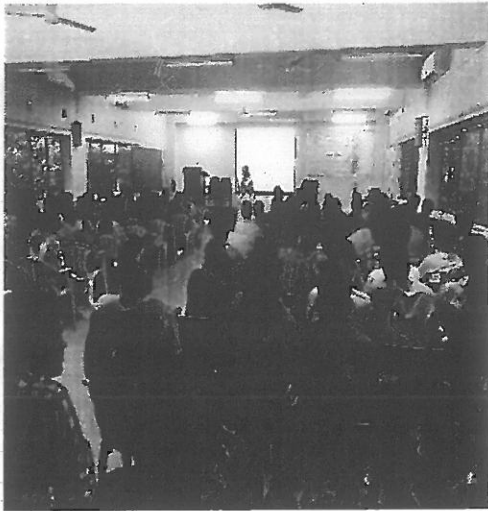
The tone was set by Dr. KR. Santha, Vice Principal & Head of the Department - EEE, who addressed the gathering, felicitated the speaker and stressed on the importance of the topic. Dr. Santha further introduced the topic of the lecture and familiarised the students with the facilities available in the department.

Dr. Sabitha Ramakrishnan introduced the basic concepts of 'Internet of things' and the underlying principle behind it. She further asked about the innovations done by the students and also threw light on the common misconceptions that were prevalent among the students. A detailed description of the process of moulding a static device into an interactive device was discussed and the security hazards were also pointed out.


The lecture was very subject driven with lot of interaction from the faculties and students present. The Internet of Things (IoT) shows a new vision, i.e., hyper-connected technologies with the societies. IoT opens new opportunities for wearable devices, home appliances, and software to share and communicate information on the Internet. IoT is understood as an integration of a wide range of systems and technologies (such as computers, mobile laptops and phones, wireless/wired network communications, sensors, clouds and so on) interconnected via the Internet.

She also pointed out the criticality of the security requirements for such hyper-connected things/networks due to some classes of the IoT devices having constrained resources. The security related challenges that IoT would encounter was discussed. Further, some adaptive security solutions for IoT applications were shown. Finally, research directions that could provide solutions to the security challenges in the new domain were pointed out.

The lecture came to an end with an interactive question and answer session with the active participation of vast majority of students. All the doubts were cleared by the dignitaries. The resource person also offered further support for projects. The session was highly informative and lot of practical inputs were given along with a strong message about importance of innovative outputs.




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