



LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING

(AUTONOMOUS)

Accredited by NAAC with 'A' Grade, ISO 9001:2015 Certified Institution

Approved by AICTE, New Delhi and Affiliated to JNTUK, Kakinada

L.B.Reddy Nagar, Mylavaram-521230, Krishna Dist, Andhra Pradesh, India

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Report On “IoT Architecture, Protocols, Case Studies & Idea-Prototype-Product”

Event Type	:	Workshop
Date / Duration	:	10-08-2018 & One Day
Resource Person	:	Dr.V.Srikanth, Principal Technical Officer, C-DAC, Hyderabad
Name of Coordinators	:	Dr.D.Veeraiah, Mr. B. Sivarama Krishna
Target Audience	:	B.Tech III Semester Students
Total no of Participants	:	130
Objective of the event:		The Main Objective of this one-day training program is to make the aspiring engineers get acquainted with the conceptual as well as practical knowledge of the IoT . The idea of organizing this One-day training program is to inculcate the basic fundamentals of IoT among the students and thereby enhancing their employability skills.
Outcome of event	:	On completion of this workshop Student can able to: <ul style="list-style-type: none">• Explain the definition and usage of the term 'the internet of things' in different contexts.• Understand the various network protocols used in IoT.• Design a simple IoT system made up of sensors, wireless network connection, data analytics and display/actuators, and write the necessary control software.

Description / Report on Event : The **Internet of Things (IoT)** is the network of physical devices, vehicles, home appliances, and other items embedded with electronics, software, sensors, actuators, and connectivity which enables these things to connect and exchange data, creating opportunities for more direct integration of the physical world into computer-based systems, resulting in efficiency improvements, economic benefits, and reduced human exertions. IoT involves extending internet connectivity beyond standard devices, such as desktops, laptops, smart phones and tablets, to any range of traditionally *dumb* or non-internet-enabled physical devices and everyday objects. Embedded with technology, these devices can communicate and interact over the internet, and they can be remotely monitored and controlled.

Feedback / Suggestions :

- Hands-on sessions are required
- Conduct at least two day workshop on IoT with more real time applications

- Overall the input given by resource person is good & may be useful in designing our own applications

Photographs :



Addressing the students by:
Sri L.R.N.K Prasad Reddy,
Vice Chairman



Addressing by **Resource Person:**
Dr. V. Srikanth,
Principal Technical Officer, CDAC



Addressing the students by:
Dr. K. Appa Rao, Principal



Felicitation to Dr. V. Srikanth by
Principal, Dean & HoD



III Sem CSE students (Target Audience)



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