

MITS Communication/ Report on Guest Lecture/ Department of CSE/04.05.2022

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MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE

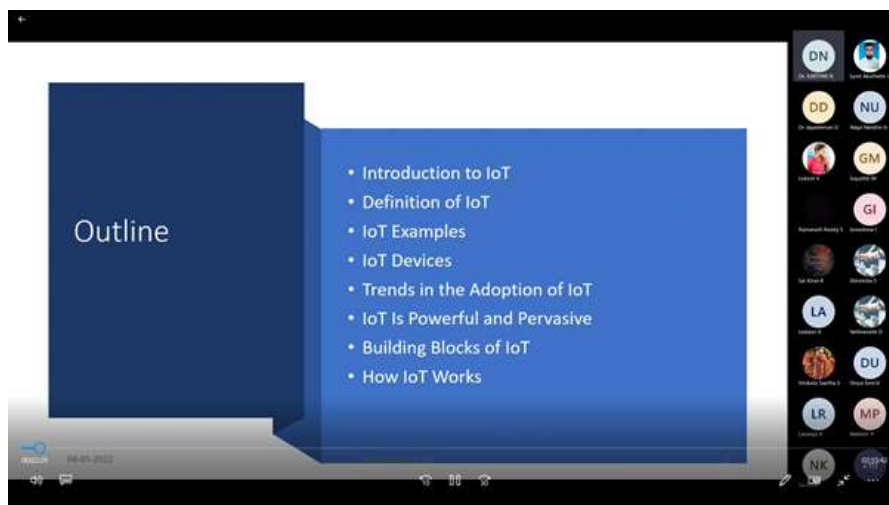
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Report on
 Guest Lecture Organized by
 Department of Computer Science & Engineering
 on
 "Role of IoT in Smart Spaces"
 in Association with Computer Society of India (CSI)
 04th May 2022



Submitted by: Mr.S.Syed Abuthahir, Assistant Professor, Department of Computer Science and Engineering

Resource Person: Dr N Karthik M.E., Ph.D., (NIT Karnataka)

Total no. of students Attended: 225

Participants: Second Year CSE (all 4 sections), CAI, CSD, CSO

Mode of Delivery: Online Mode through Microsoft Teams

The Programme started at 10:00 AM with a welcome address by Dr R Kalpana, Professor & HoD, Department of Computer Science & Engineering, MITS and followed by introduced the chief guest of the day Dr N Karthik M.E., Ph.D., (NIT Karnataka), Vel Tech University, Chennai, Tamilnadu by Mr.S.Syed Abuthahir, Assistant Professor, Department of CSE, MITS. In welcome address, HoD mam highlighted the importance of IoT devices (smart devices) and their role in many day-to-day life applications. Then the session took over by the chief guest for the session.

The resource person started the session by extended his thanks to Management, Principal, HoD, Organizers and student participants for providing him with the opportunity to share his knowledge and expertise in the domain. The resource person delivered his lecture for 1 hour and 45 minutes as session 1, then 1 hour as session 2. He started his session by Introducing the role of IoT devices in today's smart environment, then explained in detail with smart Refrigerator as example, then explained about RFID, etc. Finally, he also added the research challenges that need to be focussed in IoT Smart environment.

Finally, session was concluded by vote of thanks delivered by Mr.S.Syed Abuthahir, Assistant professor/CSE. He extended his thanks to Management, Principal, HoD, chief guest of the day and Student participants for the successful completion of the event.

Session-1

Introduction to IoT

Dr. Karthik N,
Associate Professor,
School of Computing,
Veltech University,
Chennai.

Internet

- The Internet is a global network of billions of computers and other electronic devices.
- Network of networks.
- With the Internet, it's possible to access almost any information, communicate with anyone else in the world, and do much more.

Outline
Day-1
Session-2

- Context-Aware Computing
- To learn how context-aware computing techniques have helped to develop solutions
- How can we apply those techniques to solve problems in Smart Spaces with IoT
- To highlight open challenges and to discuss future research directions

04-05-2022

With regards,

Dr. C. Kamal Basha, ME, PhD.

Vice Principal - Administration

Madanapalle Institute of Technology & Science

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