

MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE

(UGC-AUTONOMOUS INSTITUTION)

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DEPARTMENT OF COMPUTER SCIENCE AND TECHNOLOGY

Report on **One Day Guest Lecture**

On **"IoT and Healthcare: Innovations in Remote Patient Monitoring"**

Organized by Department of Computer Science and Technology

31.01.2024 (Wednesday)

MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE
(UGC-AUTONOMOUS INSTITUTION)
Madanapalle-517325, Annamayya Dist., Andhra Pradesh

Organized by
Department of Computer Science & Technology

One Day Guest Lecture on
"IoT and Healthcare: Innovations in Remote Patient Monitoring"

Resource Person
Dr. N. Sivakumar
Professor, Department of CSE,
Pondicherry Technological University.

Participants:
II year CST students

Date: 31.01.2024 Time: 10.00AM to 12.00PM

Chief Patron: Dr. N. Vijaya Bhaskar Choudary, Ph.D., Secretary & Correspondent
Patron: Mrs. Keerthi Madella, Executive Director
Program Chair: Dr. C. Yuvraj, Principal
Chair: Dr. Basabi Chakraborty, Professor & Dean / CST
Convener: Dr. M. Sreedevi, Professor & HOD / CST
Coordinators: Dr. B. Anvitha, Assistant Professor/CST, Mr. Abdul Jaleel, Assistant Professor/CST

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Organized & submitted by: Dr. Aravind B & Mr. D. Abdul Jaleel
Assistant Professor, Department of CST.

Resource Person: Dr. Sivakumar N,
Professor, Department of CSE,
Pondicherry Technical University, Pondicherry.

Participants: II Year CST Department Students.

Attendance: 62 participants (Internal)

Venue: WB 320, MITS, AP

Mode: Offline

Department of Computer Science and Technology has organized **"IoT and Healthcare: Innovations in Remote Patient Monitoring"** 31.01.2024 (Wednesday) 10:00 AM to 12:00 PM.

Objective:

The aim of this guest lecture was to extend practical familiarity to students regarding concepts of IoT and Healthcare.

The Programme started at 10:00 AM with a welcome address to all the audience and resource person by **Dr. Aravind B, Assistant Professor, Department of CST, MITS, Madanapalle.**

The resource person started the session by extending his hearty thanks to the participants, organizing members, HoD, Principal, and Management of MITS Madanapalle for allowing him to share his knowledge and experience in “Innovations in Remote Patient Monitoring”.



The resource person delivered a Guest Lecture on the following topics:

1. Introduction to IoT
2. Understanding how IoT and Healthcare can be interconnected
3. Introduction to Remote Patient Monitoring
4. Creating a simple IoT related Healthcare project



The session ended with **Dr. M. Sreedevi, Professor and head of the Department**, thanking the resource person, faculty members, and students and expressing her gratitude to the Management and Principal for giving permission and financial support to organize this program.

Vote of Thanks: The session was concluded at 12:10 PM followed by a vote of thanks, given by **Mr. D. Abdul Jaleel, Assistant Professor**, Department of CST, MITS, Madanapalle.

Outcome of this Guest Lecture:

After the completion of the program the students will be able to:

- ✓ Understand how IoT can be collectively used with healthcare management.
- ✓ Experienced the importance of Innovations and technology emergence in Patient Monitoring system.
- ✓ Understanding the Intersection of IoT and Healthcare and Awareness of the Impact on Patient Care.
- ✓ Exploration of Technological Solutions and Ethical and Privacy Considerations.
- ✓ Know Career Opportunities and Future Trends.