

Webinar @ SMVEC by
IEI Puducherry state centre

Sri Manakula Vinayagar Engineering College, Puducherry organized a webinar for the second year students on the topic “**Design of sensor networks for IoT Applications**” in association with the Institution of Engineers IE (I) Puducherry State center.

Dr.Sabita Ramakrishnan, Associate Professor, Department of Instrumentation Engineering, Madras Institute of Technology, Chennai gave detailed explanations and real life examples about the sensors used and its applications in IoT with detailed case studies.

Shri.M.Dhanasekaran, Chairman and Managing Director, Sri Manakula Vinayagar Educational Trust, presided over the function. Shri.S.V.Sugumaran, Vice Chairman Sri Manakula Vinayagar Educational Trust and Dr K.Narayanasamy Secretary, Sri Manakula Vinayagar Educational Trust, felicitated the program.Dr.V.S.K.Venkatachalapathy, Director Cum Principal, Sri Manakula Vinayagar Engineering College presided over the function. Dr. L. M. Varalakshmi, Professor & Head, Department of Instrumentation & Control Engineering, convened the event and welcomed the guests and participants. Dr.R.Saravanane, Chairman, The IE(I) Puducherry State Center cum Professor & Head, Department of Civil Engg. Puducherry Technological University, Dr.B.Radjaram, Hony. Secretary The IE (I) Puducherry State Center cum Professor & Head, Department of Mechanical Engineering, Manakula vinayagar Institute of Technology and Dr R Nakkeeran, Associate Professor & Head, Department of Electronics Engineering, Pondicherry University were the Guests Of Honor. Ms. T. Sudha, Assistant Professor, Department of Instrumentation & Control Engineering delivered the Vote of Thanks.

The webinar discussed about the various types of sensors and its applications in **Internet of Things (IoT)**. The Internet of Things is about extending the power of internet connectivity beyond computers to a whole range of other things, processes, and environments. Those connected, smarter, things are used to gather information, send information, or both. IoT provides businesses and people better insight into and control over objects and environments that are currently beyond the reach of the internet. By doing so, IoT helps businesses and people to be more connected to the world around them and to do more meaningful, higher-level work.



The screenshot shows a Windows desktop environment. The main window is a presentation slide with the following text:

DESIGN OF WIRELESS SENSOR NETWORK FOR IOT APPLICATIONS

Dr. SABITHA PAMAKRISHNAN
Associate Professor
Dept. of Instrumentation Engineering
MIT Campus, Anna University
sabitha.pamakrishnan@gmail.com
sabitha@annauniv.edu

The desktop also shows a taskbar with various application icons and a system tray with the time 11:28 AM and date 16/03/2021.

The image shows a screenshot of a presentation slide titled "Overview of the presentation" in red text. The slide is displayed within a video player interface, with a small video feed of a presenter in the top right corner. The slide content is as follows:

- Introduction to WSN
- WSN and IoT
- Software and Hardware tools for WSN Design
- Case Studies
 - Design of WSN module
 - Development of Healthcare monitoring IoT application using the WSN module
 - Design of IoT based monitoring and control system using LoRaWAN protocol

The video player interface includes a progress bar at the bottom, a Windows taskbar at the very bottom, and a system tray showing the time as 11:01 AM on 16/03/2021.

Snapshots of the program on “Design of sensor networks for IoT applications”