Date: 12-09-2023

Report on

DISTINGUISHED LECTURER PROGRAM ON

Personal Information Devices: Portable to Wearable, Stand alone to Connected, Players to Sensors.

Title: Personal Information Devices: Portable to Wearable, Stand alone to Connected, Players to Sensors.

Location: Silicon Labs(Silab India), Madhapur.

Date & Time : 08-09-2023 06.30 P.M to 7.30 P.M.

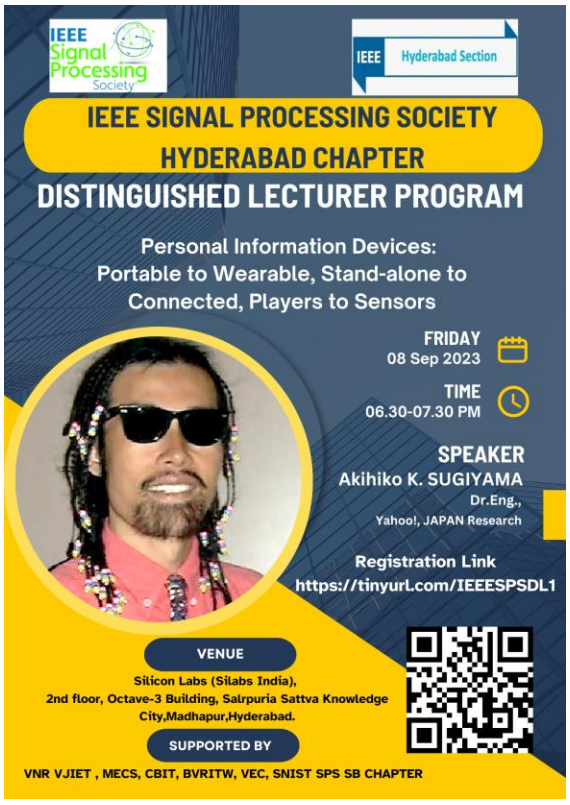
Speaker: Akhiko K.Sugiyama, Dr. Eng. , Yahoo! Research.

Attendees:

IEEE Members: 13

Non-IEEE Members:19

Poster:



Brief Report:

The Distinguished Lecturer Program on "Personal Information Devices: Portable to Wearable, Standalone to Connected, Players to Sensors" provided valuable insights into the evolution of personal information devices over the years. The lecture highlighted the transformation of these devices from being portable and standalone to becoming wearable and interconnected, as well as their transition from media players to sophisticated sensor-equipped gadgets. This report provides a comprehensive overview of the key points discussed during the lecture.

This lecture held in Hybrid mode in the presence of IEEE SPS Hyderabad Chapter Chair Dr. P.Laxmi Narayana , Vice-chair, Dr.Y.Padma Sai and Treasurer , Dr.I.Sharath Chandra, Members, N.Venkatesh , Dr. V.Lalitha IIIT Hyderabad speaker, Dr.Ken Sugiyama and all the participants.

This lecture is on personal information devices, how they traced the journey of technology, showcasing how these devices have evolved over time. The main focus areas included the shift from portable to wearable, the transition from standalone to connected devices, and the transformation of these devices from mere media players to multifunctional sensors.

The speaker began by discussing the transition from portable devices, such as early mobile phones and MP3 players, to wearable technology. Key points highlighted in this lecture include:

Miniaturization: The continuous miniaturization of components allowed for the development of smaller and more lightweight devices, making them suitable for wearables.

Form Factors: Wearable devices have evolved to take various forms, including smartwatches, fitness trackers, and augmented reality glasses, enabling users to wear them comfortably.

Integration: The integration of sensors, batteries, and displays into these wearables has significantly improved their functionality and usability.

The Distinguished Lecturer Program on "Personal Information Devices: Portable to Wearable, Standalone to Connected, Players to Sensors" offered a comprehensive overview of the evolution of personal information devices. The lecture highlighted the transition from portable to wearable devices, the shift

from standalone to connected gadgets, and the transformation from media players to sensors. As technology continues to advance, it is evident that personal information devices will continue to play a pivotal role in our daily lives, shaping the way we interact with information and the world around us.

This lecture provided valuable insights for participants, fostering a deeper understanding of the past, present, and future of personal information devices.

Photographs: