Guest Lecture on "Convergence of AI, IoT & 5G"

Report on "Convergence of AI, IoT & 5G"

Date of the event	08/06/2024
Title of the Event & Lecture	Guest lecture on "Convergence of AI, IoT & 5G"
Name of the Resource Speaker	Prof. Murali C Former Vice- President, IETE, New Delhi
No. of Participants	108
Venue	Seminar Hall 05, MVJCE Campus

MVJ College of Engineering, Bangalore, in association with IQAC, department of ECE & IIOT organized a **Guest lecturer on "Convergence of AI, IoT & 5G"on 08/06/2024 from 10:30am to 12:30pm.** The main objective of the session is to get an exposure about the new opportunities arising due to the emerging technologies in fields like IoT and AI

Objective of the Event: The main objective of this event to understand as technology continues to evolve rapidly; businesses and individuals are constantly adapting to stay competitive. This session focuses on key areas of innovation, including artificial intelligence (AI), Internet of Things (IoT), 5G, and quantum computing. The convergence of AI, blockchain, IoT, 5G, and quantum computing is reshaping the way businesses operate and deliver services. Staying abreast of these technological developments is crucial for organizations looking to remain competitive and capitalize on the opportunities presented by the ever-evolving digital landscape.

The inaugural function graced by the honorable chief guest Prof. Murali C, Former Vice-President, IETE, New Delhi and in the presence of **Dr. Shrinvas L Gombi, Incharge Principal, Dean Academics, Incharge Dean Research MVJCE, Bangalore.**

(L to R) Dr.Sajithra Varun S – HOD-ECE, honourable chief guest Prof.C.Murali, &MVJCE Incharge Principal – Dr.Shrinvas L Gombi – on the dias

Dr. Shrinivas L Gombi sir delivered the welcome address and greeted all who were present in the auditorium.

Dr. Shrinivas L Gombi, Dean Academics, Incharge Principal welcoming the gathering

Dr. Shrinivas L Gombi – Incharge Principal welcomes the chief guest with a bouquet.

Session Details:

The session was an eye-opening session for the budding young minds, and it aimed to impart the skills needed to handle the different tools and technologies that are useful in real time scenarios. This session was intended to orient participants towards the modern communication and technologies.

The session covered the following topics

- **Preamble**
- **IoT**
- **5G**
- **AI**
- **Intelligent connectivity for**
  - **- Public safety & security**
  - **- Industrial & manufacturing operations**
  - **- Healthcare**
  - **- Transportation & logistics**
  - **- Other sectors**

The Chief Guest delivering his session on IoT & 5G

Students are attentively listening to the lecture

Finally, the participants were asked Q&A and shared their experience of the whole session. The session concluded on a happy note.

Outcome of the Event:

The students gain the knowledge and understood innovation in emerging technologies is driving significant advancements across various industries. Students felt that all the topics where very much informative.

- Faculty and students exposed and gained knowledge regarding the IoT and AI fields.
- Role of Internet connectivity with AI, IoT &5G
- Applications of AI, IoT & 5G BEYOND