

REPORT
ON
IEEE Day Guest Lecture on "Performance Engineering in Modern Processors"

Department of Electronics and Communication Engineering, and IIOT organized the IEEE Day Guest Lecture on "Performance Engineering in Modern Processors".

The Guest Lecture was conducted on 16th November 2023 from 9.30 AM. The dignitaries on the stage were Dr. Shrinivas L. Gombi, Dean Academics, Dr. A.C Niranjanappa, Dean Research, Dr. S. Sajithra Varun, Head of the Department, Department of ECE, Dr. K.V. Subramaniam, Principal Member, AMD, Bengaluru. Dr. K.V. Subramaniam was invited in the event to deliver a guest lecture on "Performance Engineering in Modern Processors"

A total of 130 students of 7th Semester, and 1st Semester, ECE Department attended the Guest Lecture.



Welcoming the guest speaker Dr. K.V. Subramaniam, Principal Member, AMD, Bengaluru

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Dr. K.V. Subramaniam, Principal Member, AMD, Bengaluru, delivering his talk



Students attending the session



Students gathering knowledge about Pre-Silicon modern processors

Dr. K.V. Subramaniam delivered a lecture on "Performance Engineering in Modern Processors". In this lecture, which can be considered to be immensely helpful for the students of the aforementioned disciplines, Dr. K.V. Subramaniam focussed on the modern research areas in Processor technology, and also gave a fruitful insight on Pre-Silicon technologies.

Dr. K.V. Subramaniam also demonstrated the different perspective views of a multi-core processors, with interesting diagrams and demonstrations.

The lecture was rich in content and was successful to influence the audience to the best extent. The students even felt free to interact with Dr. K.V. Subramaniam, and in process clarified their doubts.

The event concluded by a Vote of thanks to the esteemed guest.

Outcomes:

The outcomes of the event can be summarized as follows:

1. Students learnt about the various applications of Pre-Silicon Processor Technology.
2. Students learnt latest practical challenges faced by Design engineers associated with Semiconductor technology.
3. Students got an idea of the modern and upcoming research trends in high performance processor systems.