

Report on Guest Lecture 'Advanced Modulation and coding Techniques used in Modern Communication Systems'

The Department of Advanced Communication Technology organized a guest lecture on the topic '**Advanced Modulation and coding Techniques used in Modern Communication Systems**'. The lecture was held on 4th October 2024, in Seminar Hall-4 from 10.30 am to 12:30 pm. Students from 3rd semester ACT and 7th semester ECE attended the lecture. The Guest Lecture was presided by Dr. Umamaheswaran, Principal, MVJCE. Dr. Srinivas L Gombi, Dean Academics, Dr. Niranjanaappa, Dean Research, Dr. I Hameem Shanavas, Dean Student Affairs graced the event by their presence.

The lecture was delivered by Dr. Amrita Mishra, Assistant Professor, International Institute of Information Technology, Bangalore.



Dr. Umamaheswaran presenting a bouquet to Dr. Amrita Mishra

The event started at 10:45 am with welcome speech delivered by Syeda Shifa Riyan and introduction of guest was given by D Jonathan 3rd semester students of ACT department. Our Principal, Dr. Umamaheswaran Sir addressed the gathering and then Dr. Amrita Mishra delivered the lecture on “Advanced Modulation and coding Techniques used in Modern Communication Systems”.



Dr. Umamaheswaran, Principal addressing the gathering



Dr. Amrita Mishra delivering the lecture “Advanced Modulation and coding Techniques used in Modern Communication Systems”

OUTCOME OF THE EVENT

The guest lecture on "Advanced Modulation and Coding Techniques used in Modern Communication Systems" provided students with a comprehensive understanding of key topics in modern communications. Students gained insights into basic modulation schemes and advanced modulation schemes such as Quadrature Amplitude Modulation (QAM), Orthogonal Frequency Division Multiplexing (OFDM). The session also introduced emerging trends in communication technologies, helping students connect theoretical knowledge with real-world challenges. Overall, the lecture enhanced the technical skills and fostered discussions that opened opportunities for further learning and collaboration.