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K. S. SCHOOL OF ENGINEERING AND MANAGEMENT

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Technical Seminar Report on

Wireless Communication Evolution till 5G

Event name: Technical Seminar

Topic: Wireless Communication Evolution till 5G

Date of event: 21st April, 2023

Venue: Aryabhatta Seminar Hall, Dept of ECE, KSSEM

Number of participants: 50

Targeted Audience: 3rd year ECE students

The department of Electronics and Communication Engineering, KSSEM, had organized a technical seminar on, "Wireless Communication Evolution till 5G" on 21st April, 2023 at 1:20PM IST.

The talk was delivered by Mr. Sasindran M Prabhu. Dr.K Senthil Babu, HoD of ECE, graced the event with his presence. The seminar was attended by both faculty members and students.

The objective of the technical seminar was to prepare the students about the future cellular, wifi and other wireless communication networks.

Wireless Communication is the fastest growing and most vibrant technological areas in the communication field. Wireless Communication is a method of transmitting information from one point to other, without using any connection like wires, cables or any physical medium.

Real time communication amongst the various hierarchy levels of industrial automation systems is key for efficient operation of a modern factory. It is still wired communication which is dominant in factory automation applications, in particular for stationary system components. However, with mobile robots, automated guided vehicles and other mobile devices becoming more widespread – in particular on the factory floor wireless information and command exchange approaches are increasing its market share, driven by internet of things (IoT). Campus networks whether it is Wi-Fi or 4/5/6G demand for lowest propagation delay and robust data transfer to reach real-time capability. Bluetooth for short range communication purposes entering industrial automation systems as well.





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At the end of the technical seminar students were given multiple choice questions based on the session and evaluated the performance of the students.

Photo Gallery

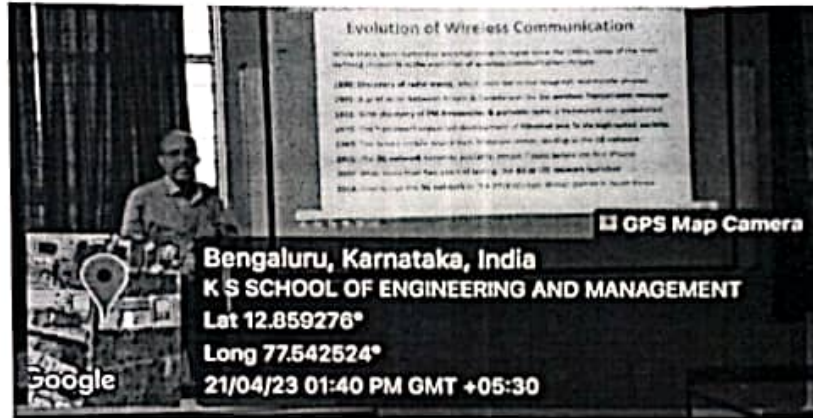


Fig 1. Speaker addressing the Audience



Fig 2. Students Participants in the Event



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Fig 3. Students and Faculty Participants in the Event



Fig 4. Participants attending the Test session



Fig 5. Participant Feedback about the event


Co-ordinator


Signature of HOD, ECE

Professor & Head
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