

Department of Electronics & Communication Engineering

DATE: 16.02.2024

Submitted,

Sub: WEBINAR REPORT ON “6G INITIATIVES”- reg

With reference to the above subject, We Dept. of Electronics & Communication Engineering, Sri Sairam College of Engineering, Anekal, Bengaluru organized a Webinar on “6G INITIATIVES” on 15th Feb 2024.



The cover page features a header with logos for Sri Sairam College of Engineering, Sairam RAISE, Sairam EOMS, Sairam SDG ACTION PROGRAM, Sairam INSTITUTIONS, and IEEE. Below the header, the text reads: Department of Electronics & Communication Engineering, Organizing Webinar on "6G Initiatives", Date: 15th February 2024. A hand is shown pointing at a glowing "6G" icon. On the right, a photo of Pavithra Nagaraj is shown with the text: Chief Guest, Pavithra Nagaraj, Co-Founder & CEO at Brand to Land. At the bottom, a list of organizers is provided: Mrs. Savitha H S (Coordinator), Dr. A. Poonguzhali (HOD, ECE), Dr. B. Shadaksharappa (Principal), and Dr. Sai Prakash LeoMuthu (Chairman & CEO, Sairam Institutions).

The Webinar Program was started at 11.15 AM in AV Hall.. **Dr. A. Poonguzhali**, HOD, Dept. of ECE, delivered welcome address and introduced the Resource Person **Pavithra Nagaraj**, Co-Founder & CEO at Brand to Land ,Bangalore



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Resource Person Pavithra Nagaraj, has delivered presentation on the 6G initiatives, explained about what is 6G.


- 6G is short for "6th generation."
- It is going to be the next generation breakthrough technology, which will start hitting the market within the next 4 to 5 years or even earlier.
- Many researchers and companies have already started working on 6G.
- 6G is believed to offer Tbps speeds, 0.1ms latency, connection density of 10 million devices per square kilometer, high reliability, high spectral efficiency and energy efficiency compared to its predecessor 5G.

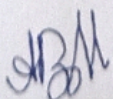
Also explained about requirements of 6G.

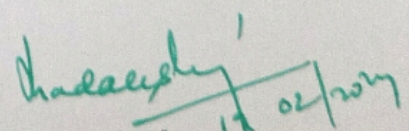
- Support new use cases
- Support large number of devices
- Increase Bandwidth Efficiency
- Energy Efficiency and Battery power optimization
- More speed
- Much lower latency
- More Reliable Networks
- Scalable and Customizable Networks 6

The participants 2nd year & 3rd Year ECE students interacted with Resource person shared their views and got their doubts clarified.

Prof. Savitha H S, delivered vote of thanks. The webinar also supporting our **Sustainable Development Goals – Goal 4 Quality Education.**


Program Coordinator


HOD


Principal 17/02/2024

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