Bytes Beyond Bandwidth

Date/Duration: 29th November / 2hrs

Host Organisation: Self (IEEE Signal Processing Society MJCET) in collaboration with Lamakaan

Organizers:
1. Asma Khanam (Chair, Signal Processing Society MJCET)
Email: 160421735007@mjcollege.ac.in
Contact: +91 7981165219

2. Ikram Hyderi (Vice Chair, Signal Processing Society MJCET)
Email: 160421735022@mjcollege.ac.in
Contact: +91 6300247977

Target Audience: CSE, IT, AIML, AIDS and ECE

Number of Participants: 100+ members

The IEEE SPS Chapter at MJCET, in partnership with Lamakaan, conducted an insightful event titled "Bytes Beyond Bandwidth", exploring the principles of disaster-time communication.

The session covered how communication links are established during emergencies through frequency synchronization and antenna alignment at geographically separated locations.

Key technical concepts such as signal propagation, and the role of adaptive antennas in mitigating communication breakdowns were discussed.

The event, which had more than 100 participants in attendance, provided them with a deeper understanding of radio frequency communication in disaster scenarios, emphasizing the importance of robust and resilient systems

By integrating technical knowledge with real-world applications, the event aligned with IEEE's mission of advancing technology to address critical global challenges.