

**5G & BEYOND: A Report on the Guest Lecture**

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Department of Chemistry, MVJCE organized a Guest lecture **5G & Beyond** on 04.12.2024 for first semester Chemistry cycle students at Dr. M.V Jayaraman Auditorium at 10:30 A.M.

Date of the Event	04.12.2024
Title of the Event	5G and BEYOND
Guest Speaker	Dr.Amrita Mishra ,Assistant Professor , IIIT Bangalore
Organized by (Department name)	Chemistry Department
Name of Department event coordinators	Dr.Preethi.G (Assistant Professor and HOD) Mrs. Swati Lal (Assistant Professor)

Dr.Amrita Mishra ,Assistant Professor , IIIT Bangalore( International Institute of Information and Technology ) presented a guest lecture “5G and Beyond ” on 4<sup>th</sup> December 2024 at Dr. M.V Jayaraman Auditorium. In the programme around 500 students participated. The lecture gave insights about **5G and Beyond** for first-year engineering students. It provided numerous benefits that align with their academic and professional growth.

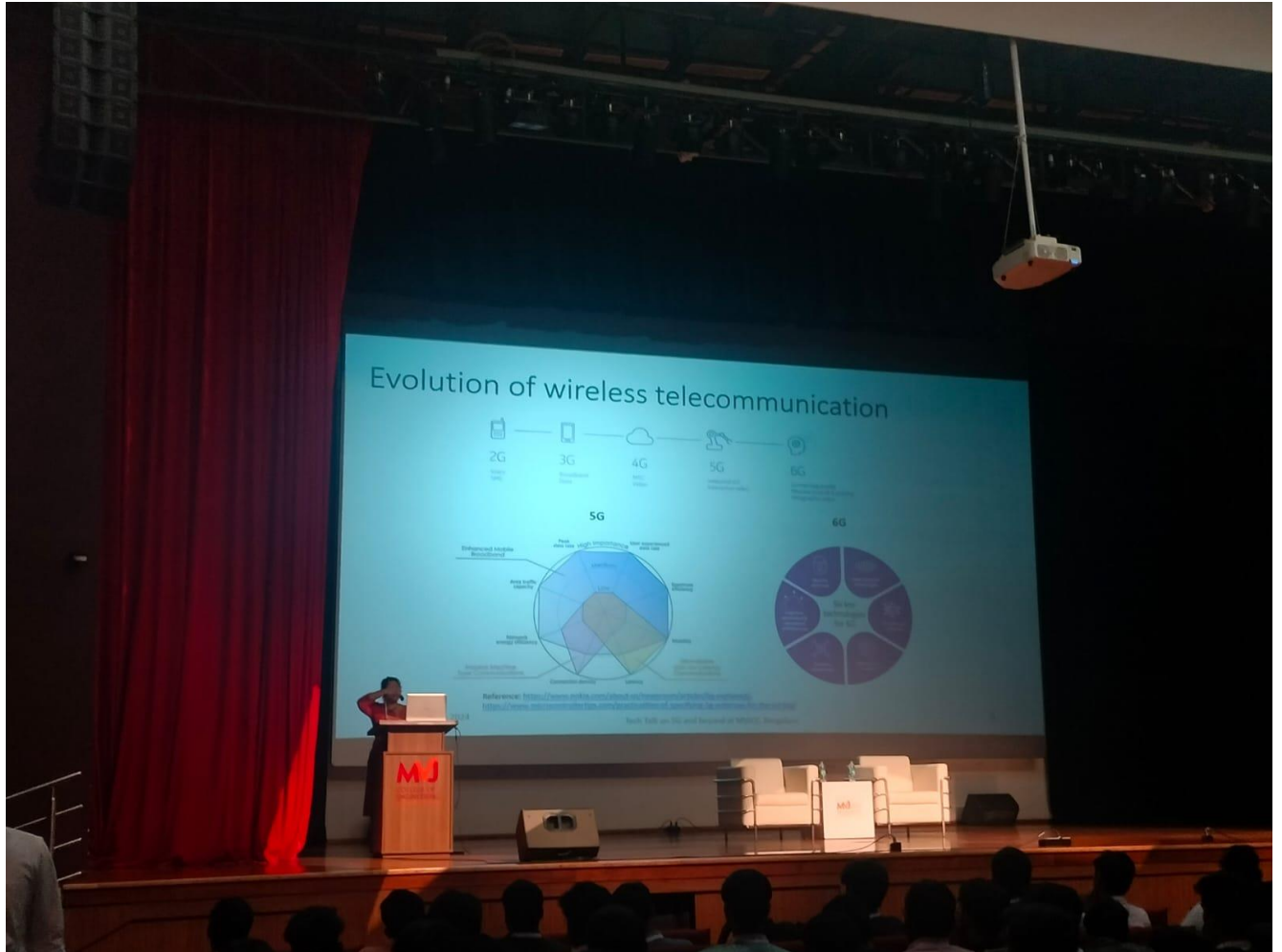


Figure 1 : On the dais Dr. Amrita Mishra , Assistant Professor ,IIT Bangalore addressing the students

These benefits can help students gain foundational knowledge in innovative technologies, preparing them for future studies and careers. Incorporating a **5G and beyond** lecture into the curriculum for first-year engineering students is highly beneficial. It provides foundational knowledge, fosters critical thinking, offers career insights, and prepares students for future coursework and industry developments. By connecting abstract concepts to real-world applications, it not only excites students but also helps them envision their place in the evolving world of technology.



Figure 2 : On the dais from left Dr. Preethi. G (HOD, Chemistry) presenting a token of appreciation to Dr. Amrita Mishra , Assistant Professor, IIIT Bangalore

### **Outcome of the event**

A guest lecture on "5G & Beyond" for first-year chemistry students would not only introduce them to the technicalities of 5G but also highlight its far-reaching implications and potential for innovation in the chemical industry, labs, and research. The lecture also inspired students to see how technology can integrate with their future work and open new career opportunities.

