

**SRM INSTITUTE OF SCIENCE AND TECHNOLOGY**  
**RAMAPURAM CAMPUS**  
**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

**GUEST LECTURE REPORT**

Guest Lecture was conducted by the department of ECE, SRM IST, Ramapuram on 18.2.2019 from 10.30 am to 12.30 pm. Chief guest Mr.T.Jayanandan, Founder, Teslaminds, Research Foundation Chennai, has taken a lecture on topic “Relevance of Electronic circuits and transmission lines in 5G communication systems” for second year students in TRP Auditorium (Hi Tech Hall 1). He has published number of papers in National and International Journals. He has delivered lectures in various organizations and Universities. He also chaired technical session in National and International Conferences. Total of around 120 students and staff participated in this programme.

The speaker explains the Basics of Electromagnetics, Maxwell's theory, Production of an Electric wave and an alternating Magnetic field, magnetic wave generation, Maxwell's equations and discussed in detail Electromagnetics Applications like Antennas and Radars. The lecture also discussed about the possibilities and reach abilities of research and development in ECE field, opportunities in core technical areas with authenticated explanations.

The recent works on 5G projects handled by their team are discussed and finally research directions in the area of 5G technologies are shared with the participants. After his lecture the students were given time to interact with him. Students felt that the session was more informative and interactive. At the end of the guest lecture, two students gave their feedback, and explained how they were benefited.

Some of the photographs while delivering the lecture are as follows:





