



**ISTE STAFF CHAPTER (TN 205)  
ACADEMIC YEAR 2018-19(ODD SEMESTER)**

**Staff Seminar Report**

The ISTE Staff Chapter, Kings College of Engineering, organized a staff seminar on **Recent Trends in Communication Engineering (Mobile Communication)**. Mrs. P. Geethabai, Assistant Professor/ Department of Electronics and Communication Engineering delivered lecture on 02.08.2018 between 3.30pm and 4.00pm for the faculty members of the institution.



*Resource Person's Talk*



*Audience listening the seminar*

**About the Seminar Topic**

**Introduction:**

Communication is a great boon to the human community by the growth of the technology we are able to communicate to any part of the world at any time. Mobile communication has replaced the wired communication along with the mobility option of the caller or receiver or both.

**Evolution:**

Mobile communication was evolved its first generation

'1G' – AMPS during 1980's with analog signal, 144kbps bit rate in American country

2G – GSM during 1990's with digital signal and SMS, 300kbps bit rate (Europe standard)

3G – UMTS during 2000 an universal standard, 1 Mbps bit rate, MMS data transfer

4G – LTE-A during 2010 , all facilities of 3G with hi-speed

5G – during 2020 unlimited data usage anytime, anywhere.

**Hazards:**

Mobile communication radiation may cause cancer, sleep disorder, hearing impairments, heart problem, stress.....

**Conclusion:**

Enjoy the growth of technology with the awareness of its side effects and be safe.



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**Staff Activity Report**

The ISTE Staff Chapter, Kings College of Engineering, organized a competition on **Crossword** on 02.08.2018 between 4.00pm and 4.30pm for the faculty members of the institution.



*Staff members actively participating in Crossword Competition*

**Prize Winners**

<b>POSITION</b>	<b>STAFF NAME WITH DESIGNATION</b>
1	Mr.K.Arun AP/CIVIL Mr.M.Manimuhilan AP/CIVIL
2	Mrs.R.Ponni AP/ECE Mrs.D.Vennila AP/ECE