

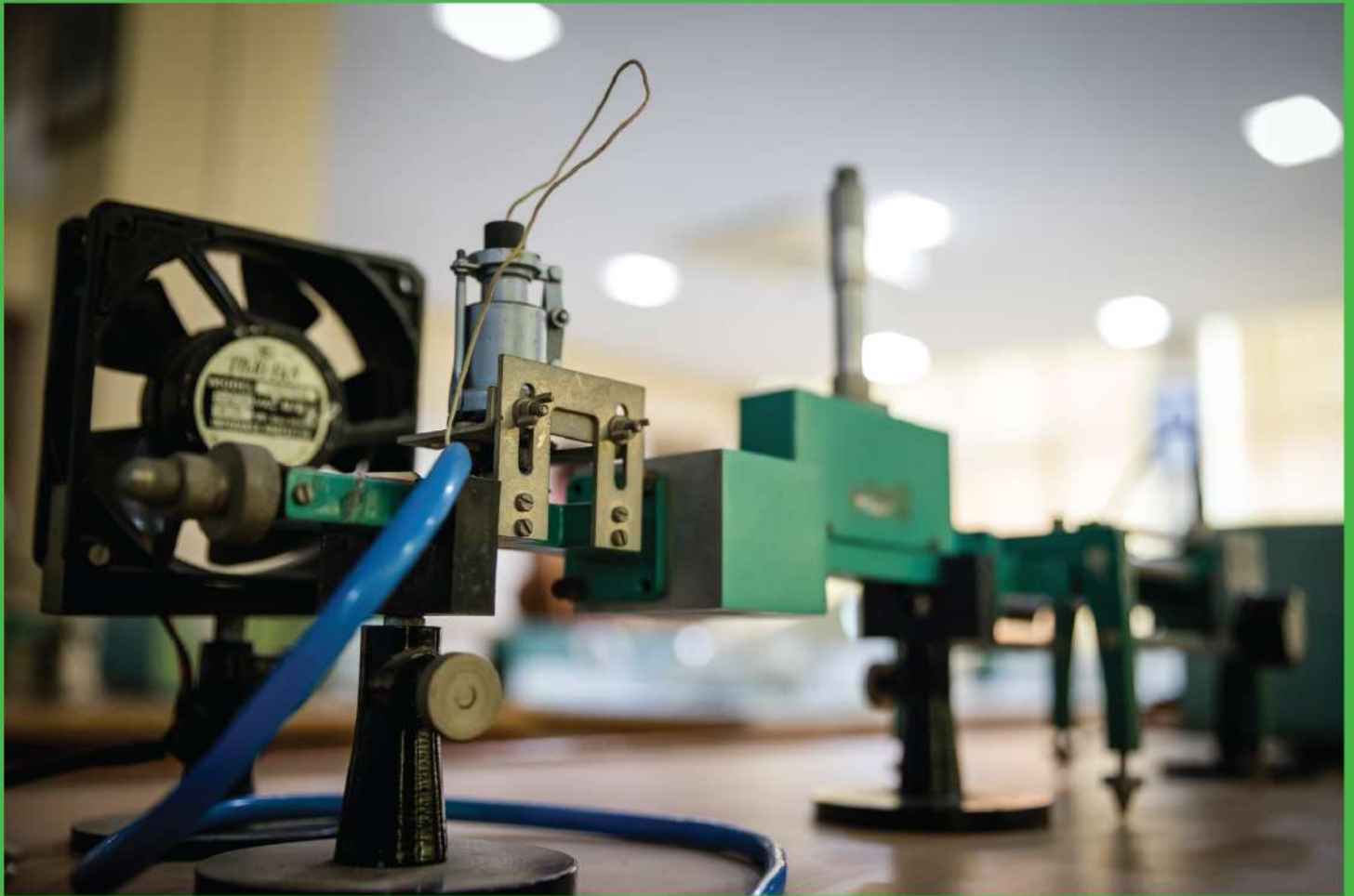


# **KIIT SCHOOL OF ELECTRONICS ENGINEERING**

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**Electronics and Tele  
Communication Engineering**

**INFORMATION BROCHURE**



**Electronics and Telecommunication Engineering (E&TC)** is a dynamic and versatile branch of engineering that merges the principles of electronics and telecommunications to develop advanced communication systems, electronic devices, and integrated circuits. This field plays a crucial role in shaping the modern world, powering communication networks, wireless technologies, and electronic devices that have become indispensable in our daily lives.



**The Bachelor of Technology (B.Tech) program in Electronics and Telecommunication Engineering offers a comprehensive curriculum that equips students with the necessary knowledge and skills to thrive in this rapidly evolving industry.**

The B.Tech program in Electronics and Telecommunication Engineering offers a comprehensive curriculum covering traditional subjects such as analog and digital electronics, telecommunications systems, microelectronics, and signal processing, while also integrating modern topics like wireless communication, artificial intelligence (AI), and machine learning (ML). Students delve into the fundamentals of electronic devices and circuits, gain insights into designing communication networks and wireless technologies, and explore the principles of AI and ML for enhancing system performance and automation. With a focus on subjects like embedded systems, VLSI design, and networking protocols, students acquire practical skills through laboratory sessions, projects, and internships, preparing them for diverse career opportunities in telecommunications companies, semiconductor industries, research organizations, and beyond. This holistic approach equips graduates with the knowledge and expertise to thrive in a technology-driven world, where innovations in electronics, communication, and AI continue to shape the future.

In addition to the core subjects, B.Tech programs often include practical training through laboratory sessions, projects, and internships to reinforce theoretical concepts and develop hands-on skills. Students may also have the opportunity to participate in industry-sponsored projects, workshops, and seminars to stay updated with the latest trends and technologies in the field.



Career prospects for graduates with a B.Tech in Electronics and Telecommunication Engineering are diverse and promising. They can pursue opportunities in telecommunications companies, semiconductor industries, electronics manufacturing firms, research organizations, and government agencies. Roles may include telecommunications engineer, electronics design engineer, network administrator, embedded systems developer, RF engineer, and more.

Overall, the B.Tech program in Electronics and Telecommunication Engineering provides a solid foundation for students to thrive in a technology-driven world, where innovations in communication and electronics continue to reshape industries and improve the way we live and work.



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