ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ

("ವಿ ಟಿ ಯು ಅಧಿನಿಯಮ ೧೯೯೪" ರ ಅಡಿಯಲ್ಲಿ ಕರ್ನಾಟಕ ಸರ್ಕಾರದಿಂದ ಸ್ಥಾಪಿತವಾದ ರಾಜ್ಯ ವಿಶ್ವವಿದ್ಯಾಲಯ)

Visvesvaraya Technological University

(State University of Government of Karnataka Established as per the VTU Act, 1994)
"Jnana Sangama" Belagavi-590018, Karnataka, India

Department of Electronics and Communication Engineering

Frequently Asked Questions

(FAQs)

Q.1	What are the various courses offered by the department of Electronics and Communication Engineering?
Ans.	PG course: VLSI Design & Embedded Systems UG course: Electronics & Communication Engineering
Q.2	What is the scope of Electronics & Communication Engineering?
Ans.	With the evolution of digitization "Electronics and Communication Engineering" is one of the fastest growing field of engineering. Electronics is part of day today life, from pocket FM radio to televisions, computers, mobile phones and even the high-end satellites that are helping us in every path. The Government of India has launched the Digital India Program with the vision to transform India into a digitally empowered society and knowledge economy; which will enhance the field of Electronics and Communication.
Q.3	What are the career opportunities available to Electronics and Communication Engineers?
Ans.	These graduates would have excellent opportunities in Public/Govt. sector organizations like BEL, BSNL, BHEL, NHPC, NTPC, DMRC, C-Dot, HAL, Airport Authority, BARC, ISRO, DRDO, NTRO, CSIR etc. Other sectors which offer job opportunities are armed forces, railways, technical universities, the banking sector, and state electricity boards. MNCs namely Hewlett Packard, Agilent, Cadence, Synopsis, , Texas Instruments, Qualcomm, Cognizant, ST-Microelectronics, MIDAS Communication, IBM/Microsoft, Nokia Siemen are also the major recruiters of ECE students. Apart from the placements in reputed organizations, many students also opt for higher studies through CAT, GATE, GRE etc
Q.4	Why should one opt for Electronics and Communication Engineering at VTU?
Ans.	Presently VTU has implemented choice-based credit system in syllabus, where students can chose interested multidisciplinary subjects in all the semester. Departmental Laboratories have been strengthened and modernized by procuring state of art Equipment and latest software's
Q.5	What kind of Infrastructure is available to the department?
Ans.	The department has s well-equipped Laboratories with adequate facilities. Classrooms are fitted with the projectors for making presentations, lectures & seminars
Q.6	Who should study Electronics and Communication Engineering?
Ans.	Students who's interest is towards, inclination to design and develop electronic systems through the latest technologies, then this program is the right choice for you
Q.7	Job sector for after Electronics and Communication Engineering
Ans.	✓ Analog Design Engineer ✓ Digital Design Engineer ✓ Layout Engineer ✓ Testing and Verification Engineer ✓ Design and Development Engineer, electrical and electronic systems ✓ PCB Designer ✓ Embedded Firmware Engineer

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	✓ Embedded Hardware Engineer ✓ Embedded System Developer ✓ Control Systems Engineer ✓ Instrumentation Engineer ✓ Systems & Communications Engineer ✓ Antenna engineer ✓ Network Communications Systems Engineer ✓ RF Wireless Systems Engineer ✓ RF Systems Engineer ✓ Data Analyst ✓ Software engineer ✓ Cybersecurity Engineer – Embedded Systems etc
Q.8	What are various subject electives are being offered under Electronics and Communication Engineering
Ans.	It offers various elective subjects with different domains such as antenna design, machine learning, artificial intelligence, automotive electronics, computer vision and image processing and various programming languages.

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