



KARNATAK LAW SOCIETY'S GOGTE INSTITUTE OF TECHNOLOGY

Belagavi-590008, KARNATAKA, INDIA

An Autonomous Institution under VTU, Belagavi
Approved by AICTE, New Delhi



M. Tech. in Automotive Electronics



Course Details

- ❖ Course Intake: 24
- ❖ Eligibility: Bachelors in ME / ECE / EEE / IT / TE / Automobile Engg. / Mechatronics / Electronics & Instrumentation Engg. / AMIE in appropriate branch
- ❖ Core module covers, but are not limited to
 - Automotive Control Systems
 - Automotive Software Engineering
 - Mechatronics & Robotics Automation
 - Automotive Instrumentation
 - Sensors and Interfacing
 - Power Electronics and Actuators
 - Engineering with MATLAB
 - An individual project on which you base your dissertation
 - Every course is backed with practical content
- ❖ Course currently run in collaboration with Mech. & EE department and industrial guidance from KPIT

Relevant job profiles and industries to look upon after successful completion of the course

Potential Job Roles	Automotive Industries
Design Engineer	KPIT Cummins Automotive
Calibration Engineer	Continental Automotive
Control Engineer	Mercedes
Electronic Systems Integration & Modeling	Volvo
Research and Development	dSPACE GmbH
Production Engineer	Robert Bosch Automotive
Project Management	TCS for Automotive
Software Engineer etc.,	Delphi Automotive etc.,

About GIT

❖ Incepted in 1979, included under the section 2(f) and 12(b) of UGC act 1956, permanent affiliate and an Autonomous Institution under Visvesvaraya Technological University, Belagavi

❖ Houses 07 undergraduate and 09 Postgraduate disciplines including MBA and MCA programs

About Electronics & Communication Department

- ❖ Established during the inception of the institute in 1979
- ❖ UG course is NBA accredited by AICTE for the third time in succession (2004, 2008 and 2015)
- ❖ Highly experienced and qualified faculty with a number of research publications in reputed journals
- ❖ Good academic ambience in terms of teaching, learning & performance through results and placements
- ❖ Excellent laboratories with state-of-art facilities and technologies
- ❖ Emphasis on research & development activities
- ❖ Central library with 24000+ titles, 96000+ volumes, 8000+ journals (including e-journals) and 20000+ e-books
- ❖ Wi-Fi enabled campus, 150 Mbps internet connectivity
- ❖ Very strong Institute-Industry interaction programme
- ❖ Special Certification Programmes on Network Applications & other technical topics like CNC, FEM etc.
- ❖ Entrepreneurship development activities with alumni participation

Salient features of Autonomous System

- ❖ Academic independence which gives the freedom to revise the syllabus with time and follow a schedule which is more suitable for the set curriculum
- ❖ Many activities can be conducted as part of OBE like Quiz, Assignment, Seminar, Course Projects etc that will improve the participation of students in academics
- ❖ More emphasis can be given to Industry-Institute interactions

M. Tech. in Digital Communication & Networking



Course Details

- ❖ Course Intake: 24
- ❖ Eligibility: Bachelors in ECE / ETE / TE / IT / EIE / AMIE in appropriate branch
- ❖ Core module covers, but are not limited to
 - Advanced Digital Communication
 - Network Programming
 - Advanced Wireless Communication
 - Communication Network Security
 - Advances in Antenna and Microwave Engineering
 - Communication Networks Modeling and Simulation
 - An individual project on which you base your dissertation
 - Every course is backed with practical content

Our Top Recruiters and relevant job profiles to look upon after successful completion of the course

Potential Job Roles	Networking Industries
Security Analyst	Robert Bosch
Communication Engineer	KPIT Technologies
Protocol engineer	Continental
Network Architect	TCS
Network Testing	Tata Elxsi
System Analyst	Cisco
System Administrator	Tejas Networks
Network Engineer etc.,	Delphi etc.,