



KCG

COLLEGE OF TECHNOLOGY
AFFILIATED TO ANNA UNIVERSITY | AUTONOMOUS

TNEA
Counselling Code:

1311

Department of

MECHATRONICS ENGINEERING

ABOUT KCG COLLEGE OF TECHNOLOGY

Established in 1998, KCG College of Technology embodies the vision of its Founder-Chairman, Dr. KCG Verghese: "TO MAKE EVERY MAN A SUCCESS AND NO MAN A FAILURE." KCG Tech, a Christian minority institution, is managed by eminent educators committed to elevating technical education standards. It is an autonomous institution affiliated with Anna University and approved by AICTE.



About The Department

Established in 2019, the Department of Mechatronics Engineering at KCG College of Technology aims to become a global leader in robotics, automation, and advanced manufacturing through an interdisciplinary engineering approach. The department offers a B.E. in Mechatronics Engineering with an initial intake of 30 students and features state-of-the-art laboratories. With a future-focused curriculum, hands-on training and strong industry partnerships-from startups to multinational companies, the department equips students with comprehensive skills in mechanical systems, electronics, embedded systems, automation and intelligent control algorithms.

Vision

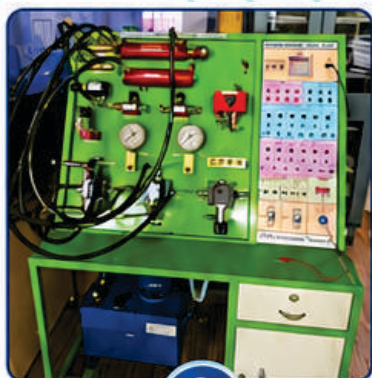
The department aims to be recognised as a global centre of excellence with interdisciplinary approach for technical education, automation and research catering to the needs of industry and society.

Mission

- Impart high quality education in Mechatronics engineering.
- Establish state of the art facilities for innovation research and consultancy.
- Mentor the students to develop research and entrepreneurial capabilities and contribute to the needs of industry and society.
- Inculcate an interdisciplinary approach to system design.

Infrastructure & Laboratories

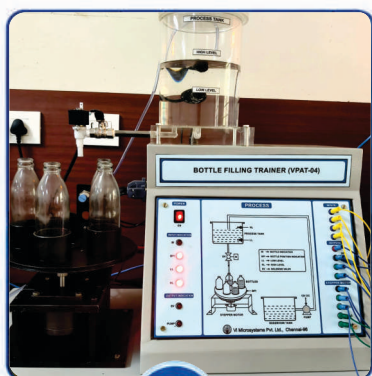
The Department of Mechatronics Engineering at KCG College of Technology features cutting-edge laboratories designed for hands-on learning in robotics, automation & interdisciplinary systems.



Fluid Power Lab



Sensors & Instrumentation Lab



Industrial Automation Lab

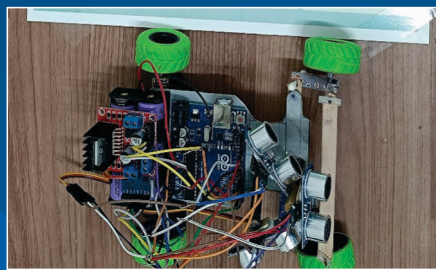
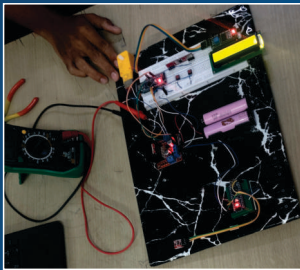


Robotics & Control Lab

Advanced Laboratory Facilities

Research & Development Excellence

- **Robotics & Automation Laboratory:** Develop intelligent robotic systems with collaborative robots, exoskeletons & FANUC integration for manufacturing & autonomous applications.
- **Industrial IoT & PLC Laboratory:** Master smart manufacturing using PLC, SCADA, and IoT for real-time monitoring, predictive maintenance & Industry 4.0 solutions.
- **CAD/CAM & Additive Manufacturing Lab:** Learn advanced design using CAD, 3D printing & CNC machining for customized manufacturing solutions.
- **Embedded Systems & AI Laboratory:** Integrate embedded design, machine vision & AI algorithms with Lab VIEW for intelligent automation systems.
- **Fluid Power Systems Laboratory:** Gain hands-on experience in pneumatics and hydraulics with industrial-grade components & real-time PID control.



Why Choose Mechatronics at KCG?

- ✓ Future-focused curriculum for next-generation engineers
- ✓ Hands-on training in Robotics, AI, IoT & Industry 4.0 technologies
- ✓ Seminars by industry leaders and academic experts on emerging technologies
- ✓ Mandatory internships with leading industries for real-time industrial exposure
- ✓ Incubation support, mentoring & funding opportunities for student innovators and startups
- ✓ Special training in communication, leadership, aptitude & interview skills
- ✓ Highly qualified faculty with strong teaching, research & industry expertise
- ✓ Prestigious institutional memberships with Robotics Society of India (RSI) and ISHRAE Society



Memorandum of Understanding

The signing of a MoU between the College and FANUC India, marking a significant milestone in strengthening industry-academia collaboration.



PLACEMENTS & INTERNSHIPS

- 100% Placement for Eligible Students with leading organizations like Foxconn, KAAR technologies , Infosys, Cognizant, AVA software etc.
- Top Recruiting Companies: Emerson , TVS Lucas, Simpson, Motherson, Tata Autocamp System, Sun Industrial Automations, ARI, and many multinational organizations.
- Diverse Industry opportunities: Graduates secure role in automation, robotics , IT services and manufacturing companies.
- Strong Internship pipeline mandatory industry internships leading to pre-placement offers, partnership ensure, hand on exposure with MNC and startup for seamless career launch.



CONTACT US

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