

Bajaj Engineering Skills Training Program at C. V Raman Global University, Odisha
 (A flagship CSR initiative of Bajaj Auto Ltd.)

Course Name: Graduate Trainee Engineers (GTE)

Overview: To equip B.E/B.Tech final year/graduates with practical skills in advanced manufacturing technologies and enhance the employability by providing them with real-world training experiences.

Course Contents: Modules, sub-modules & dedicated Laboratories

S. No.	Module No.	Name of Module	Laboratories
1	Module-1	Mechatronics	(a) Electrical Engineering
			(b) Engineering Drawing and Graphics
			(c) Hydraulic Engineering
			(d) Pneumatic Engineering
			(e) Electrical and Electronics Measurements using Sensors Lab
			(f) TPM
2	Module-2	Motion Control and Sensor Technology	(a) PLC, CNC and HMI
			(b) Servo Motor and Drive
			(c) Industrial Sensors
			(d) Process Control Systems
			(e) Digital Communications
			(f) Industrial Instrumentation
3	Module-3	Robotics and Automation	(a) Automation
			(b) Robotics
4	Module-4	Industry 4.0 and Smart Manufacturing	(a) Introduction to Industry 4.0 and Industrial Internet of Things (G)
			(b) Artificial Intelligence (G)
			(c) Machine Learning (G)
			(d) Computer Vision (G)
			(e) Augmented Reality & Virtual Reality (G)
			(f) Manufacturing Execution Systems (MES)
			(g) Computer Integrated Manufacturing (CIM)

Suitable For: Suitable for- B.E/B.Tech final year/ graduated/ passed out or having a maximum year gap of 1-2 years, students looking to secure a well paid job in manufacturing industry having with a technical bent for learning & upskilling

Course Eligibility: preferably 60% throughout having specialization in Mechanical/ Electrical/ Electronic/ Instrumentation/ Mechatronics/Automation & equivalent branches

Course Duration- 6 months

Highlights:

- Get trained in latest technologies: Mechatronics, Robotics, Motion Control, Sensor Tech, Industry 4.0, and more with a focus on 70:30 practical-to-theory ratio.
- Exposure to state-of-the-art CGU-BEST Centre at CGU with access to **14** world class labs which includes simulation labs, CNC machines, robotics units, and digital fabrication tools. etc and **120+** smart devices including AR/VR, IoT, and advanced automation tools & **20+** industry-relevant software platforms.
- Fully residential course
- Certification on completion jointly by Bajaj Auto Ltd. & CGU, Odisha
- Placement Assistance: Strong industry linkages and placement support are integral parts of the program.

Learning Outcome: To prepare learners to identify, analyze and solve engineering problems related to mechatronics engineering. To enable the learners in building and programming technology systems such as CNC machines, rapid prototyping systems, industrial robotics etc. through interdisciplinary approach.

Payment Information:

For Graduate Trainee Engineers (GTE), the standard course fee including lodging and boarding is ₹1,50,000. This has been partially waived, and the **payable amount is ₹30,000 per student.**

Note: Upon successful registration, profiles will be reviewed by our internal team. Only the selected candidates who meet the eligibility criteria will be notified separately regarding the payment process. **The entire fee must be paid on or before the commencement of the course.**