

Department of

INSTRUMENTATION AND CONTROL ENGINEERING

The Department of Instrumentation and Control Engineering nurtures future-ready engineers through a unique blend of academic excellence, practical learning, and industry engagement. With expertise in industrial automation, process control, instrumentation, embedded systems, Industrial IoT, and smart manufacturing, the department provides an innovation-driven learning environment supported by advanced laboratories, experienced faculty, and strong industry collaborations.

The department emphasizes project-based learning, interdisciplinary research, and hands-on training, enabling students to develop practical solutions for modern industrial challenges. Through industry interactions, internships, research activities, and technical competitions, students are equipped with the skills required to excel in Industry 4.0, intelligent automation, and emerging technological domains.

Vision

To provide a student-centred, state-of-the-art, academically enriched environment for productive careers in Instrumentation and Control Engineering through creativity, innovation, and technological excellence.

Mission

- To promote aspiring, ethically conscious engineers with strong technical competence, employability, and entrepreneurial abilities.
- To impart quality education with emphasis on analytical thinking, problem-solving, and practical skills.
- To foster a vibrant research culture through active student-faculty participation in innovation and technology development.
- To prepare socially responsible professionals capable of addressing industrial and societal challenges.

CORE STRENGTHS



Innovation



Industry Alignment



Research Focus

ACHIEVEMENTS & RECOGNITIONS



NAAC
A++ (3.65)
Third Time in a Row



NIRF - ENGG
101 - 150 Band
2025



INNOVATION
11 - 50 Band
2023



ARIIA
Excellent Band
2022



CII
Platinum
Band



QUALITY AWARD
IMC Ramkrishna Bajaj
National Quality Award



QuPID
Institute of the
Year 2023



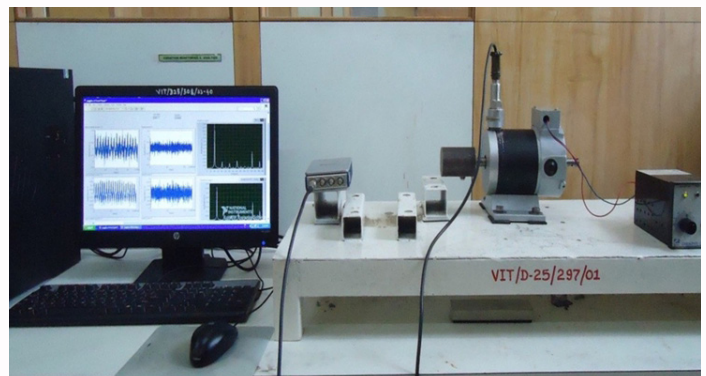
FICCI
Excellence Award in
Enabling Research



ISO
ISO 14001:2015
ISO 21001:2018

INFRASTRUCTURE & FACILITIES

- Process Control Laboratory
- Industrial Automation Laboratory
- Embedded Systems Laboratory
- Measurement and Calibration Laboratory
- Industrial Instrumentation Laboratory
- PLC and SCADA Laboratory
- Industrial IoT Laboratory
- Control Systems Laboratory



FACULTY ACHIEVEMENTS

AY 2025-26 Publications

[International and National Journal and Conference - Scopus and SCI Index]

165+

RESEARCH
PUBLICATIONS

40+

SCOPUS JOURNAL
PUBLICATIONS

50+

PATENTS
EVERY YEAR

6

BEST RESEARCH
PAPER AWARDS

STUDENT ACHIEVEMENTS



VSM'26 WOMEN'S TEAM
EVENT WINNER AT MIT ADT



COEP ZEST FOOTBALL
TOURNAMENT - SECOND PLACE



PROJECT EXPO - FIRST PLACE



VOLLEYBALL STATE
TOURNAMENT - 2ND PLACE



ANNUAL SPORTS DAY - FIRST PLACE



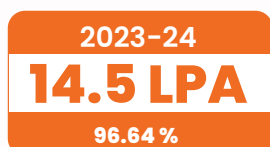
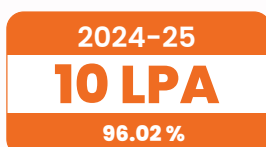
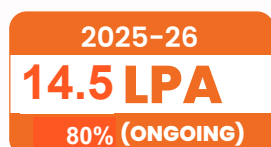
HEALTHCARE INNOVATION IDEATHON
MAGNATE-26 - RUNNER UP



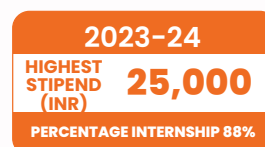
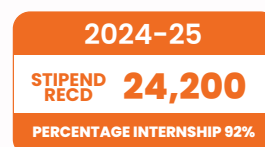
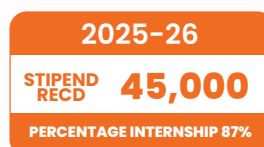
MINDSPARK - 2ND PLACE

PLACEMENT AND INTERNSHIP HIGHLIGHTS

PLACEMENTS



INTERNSHIP



TOP RECRUITERS

Placement Data to Be sourced from VIT, Pune



Expert Sessions, Guest Lectures & MoUs



Vishwakarma Institute of Technology (VIT)
and
Vishwakarma University (VU)
have signed an MoU with GeneSpectrum Life Sciences LLP, Pune.
This collaboration aims to promote joint research, industry-driven projects, internships, innovation and skill development in the areas of healthcare technology and life sciences.



INSTRUMENTATION AND CONTROL ENGINEERING DEPARTMENT DIFFERENTIATORS

- ◉ Future-Ready Curriculum with Strong Academic Foundation.
- ◉ Comprehensive Learning in Automation and Smart Technologies.
- ◉ Industry-Oriented Practical Training.
- ◉ Advanced Laboratories with Modern Industrial Equipment.
- ◉ Strong Research and Innovation Culture.
- ◉ Exposure to Industry 4.0 and Industrial IoT Technologies.
- ◉ Excellent Internship and Career Opportunities.
- ◉ Industry Collaborations and Live Projects.
- ◉ Active Technical Clubs and Professional Society Participation.
- ◉ Holistic Student Development through Technical, Professional, and Leadership Activities.
- ◉ Preparing Engineers to Design, Automate, and Optimise the Smart Industries of Tomorrow.



SCAN TO WEB



**Vishwakarma Institute
of Technology, Pune**

Institute Code: EN06273

- 📍 **Bibwewadi Campus:** 666, Upper Indiranagar, Bibwewadi, Pune, Maharashtra- 411 037.
- 📍 **Kondhwa Campus:** Survey No. 3/4, Kapil Nagar, Kondhwa (Budruk), Pune Maharashtra - 411048
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