



SMT. INDIRA GANDHI COLLEGE OF ENGINEERING,
GHANSOLI - 400701 (AUTONOMOUS)
DEPARTMENT OF CSE(IOTCSBT)

IOT INSIGHTS

"TRUST BY DESIGN, SECURITY BY INNOVATION"

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ORIENTATION ON AUTONOMOUS EXAM

The Department of CSE (IoT, Cybersecurity, and Blockchain) conducted an Orientation Program on the Autonomous Examination System on 9th October 2025 in Room No. 416 under the guidance of Prof. Aasha Kantekar. The session aimed to familiarize students with the revised academic and examination framework following the institute's autonomous status. The program witnessed active participation from 90 students of SE, TE, and BE. Students were briefed on the scheme of evaluation and grading, Semester End Examination (SEE) pattern, revised question paper structure, and guidelines for re-examinations, including eligibility and procedures, ensuring a smooth transition to the autonomous system.



ENVIRONMENTAL AWARENESS THROUGH POSTER PRESENTATION



Under the guidance of Dr. Aditi Jadhav and HOD Dr. Madhu N, the department organized an Environmental Awareness Poster Presentation to sensitize students toward critical ecological issues. Students presented creative posters on air, water, and soil pollution, deforestation, global warming, waste management, and biodiversity loss, highlighting associated health hazards. They also proposed practical solutions such as renewable energy adoption, plastic reduction, water conservation, waste segregation, and eco-friendly practices. The activity enhanced environmental awareness and motivated students to work collectively toward a sustainable future.

NPTEL TOPPERS: CELEBRATING ACADEMIC DISTINCTION

A total of 99 students from SE, TE, and BE appeared for NPTEL certification courses, with 85 students successfully certified. The achievements include 6 Gold, 20 Silver, and 27 Elite certifications, highlighting strong student participation and skill development in emerging technologies.

Gold Certification Achievers – SE (IOT-CSBC)



EXPERT TALK ON IMPORTANCE OF CYBERSECURITY



An Expert Talk on Cybersecurity was organized, focusing on contemporary cyber threats, security challenges, and effective protection mechanisms. The session was delivered by Mr. Ayush, who highlighted key areas such as cybercrime trends, network and data security, ethical responsibilities, and emerging career opportunities in cybersecurity. The talk enhanced students' understanding of secure digital practices and emphasized the growing importance of cybersecurity in the modern technological landscape.

VISION-MISSION OF CSE (IOT-CSBT) DEPARTMENT

Vision: Cultivate the students with all-round competencies for career, higher education and self employability in the field of IOT, Cybersecurity and Blockchain.

Mission 1: To equip the students with strong fundamental concepts, capability and programming and problem-solving skills.

Mission 2: Inculcate technical skill and soft skill for lifelong learning.

Mission 3: To improve department industry collaboration through interaction including participation in professional society activities, guest lectures and industrial.

INDUSTRIAL VISIT

The CSE-IoT Department organized a one-day industrial visit to Automation Expo 2025 at the Bombay Exhibition Centre, Mumbai, under the guidance of Dr. Umakant Gohatre, Prof. Archana Khelurkar, and Prof. Aditi Jadhav, with support from HOD Dr. Madhu N. Students gained exposure to AI-driven automation, smart sensing systems, IoT-enabled devices, and sustainable technologies. A visit to the PST-Process Sensing Technologies stalls provided insights into advanced sensors and industrial instrumentation through live demonstrations. The visit enhanced students' understanding of industry trends and real-world automation applications, strengthening their technical competence and industry readiness.



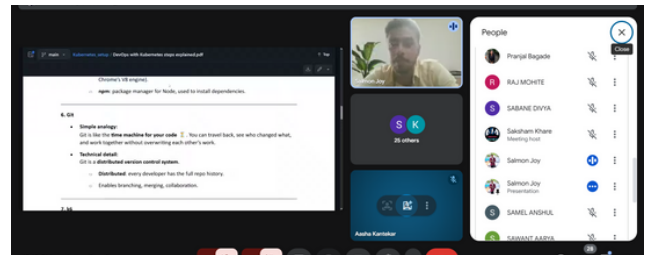
ALUMNI TALK



The IoTech Club of SIGCE conducted a Skill Development Session for Second-Year Engineering students in Classroom 412. The session, led by Mr. Om Jadhav, Industry Mentor and Consultant at Odyssey, emphasized continuous skill enhancement, essential technical and soft skills, professional profiling on GitHub and LinkedIn, and the importance of internships and real-world projects. An interactive Q&A enriched student engagement. The initiative supported PO2 and PO7 and motivated students to proactively develop industry-relevant skills, marking a strong start to the IoTech Club's annual activities.

HANDS ON WORKSHOP ON DEVOPS WITH KUBERNETES

The Department of CSE (IoTCSBT) conducted a hands-on Workshop on DevOps with Kubernetes on 20th SEP 2025 in virtual mode for final-year students. The session, led by Mr. Salmon Joy, industry expert in cloud-native technologies, under the guidance of Prof. Aasha Kantekar, focused on CI/CD automation, Docker, Git, and Kubernetes. Students gained real-world exposure to building and deploying applications, enhancing their readiness for careers in DevOps and Cloud Engineering.



CAREER GUIDANCE SEMINAR ON OVERSEAS EDUCATION



The Training and Placement Cell, Smt. Indira Gandhi College of Engineering, Navi Mumbai, organized a seminar on “Unlocking Global Careers through Overseas Education Opportunities” at the SIGCE Seminar Hall. The session aimed to guide final-year students from all streams on pursuing higher education abroad. Key study destinations discussed included the USA, UK, Canada, Australia, Germany, and other countries. The seminar provided valuable insights into academic programs, admission procedures, visa processes, scholarships, and international career pathways. Students were also introduced to learn-earn-settle options, permanent residency opportunities, and received personalized guidance through an interactive Q&A session. The seminar proved beneficial in creating awareness about global education prospects and future career planning.

STAY INSPIRED & CONTRIBUTE

We invite students to share:

- ✓ Achievements & project highlights
- ✓ Creative articles & technical writeups
- ✓ Event suggestions & feedback
- ✉ Submit your contributions here:
hod.iot@sigce.edu.in

COMING NEXT EDITION

- 🎓 Academic Excellence and Achievements
- 🏆 Gear Up for Sports!
- 🎨 Cultural & Art Competitions
- 🔥 Ignite 2K26 – Annual Fest
- 📅 Training and Placement activities