# REPORT ON
# INDUSTRIAL VISIT 2026

Department of Computer Science and Engineering has organized Industrial Visit as a Student Development Activity for 3rd sem 'A' Section students, Department of CSE, on 30th September 2026. **Mrs. Rakhi Krishna C R and Mrs. Uma H R, Assistant Professors**, Department of Computer Science and Engineering, have organized this activity to visit the **Karnataka German Technical Training Institute (KGTTI),** Bangalore, Students get exposure to gain practical exposure to industry-oriented technical training, modern technologies, skill development practices, and the application of engineering concepts in real-world industrial environments.

## Industry Address:

Karnataka German Technical Training Institute (KGTTI)
Behind Kenna Metals, Nagasandra,
Manjunatha Nagar, Bengaluru – 560 073, Karnataka.

KGTTI is a Government of Karnataka undertaking that provides multidisciplinary, industry-oriented technical training. Its Bengaluru center provides training and facilities in areas including Information Technology, Industrial Automation, Manufacturing Technology, CAD/CAM, CNC programming and operation, networking, embedded systems and other emerging technical domains.

A total number of **48 students from the 3rd Semester 'A' Section** visited KGTTI, Bengaluru. Faculty Accompanied by Mrs. Rakhi Krishna C R and Mrs. Uma H R, Assistant Professors, Department of Computer Science and Engineering, BGSIT.



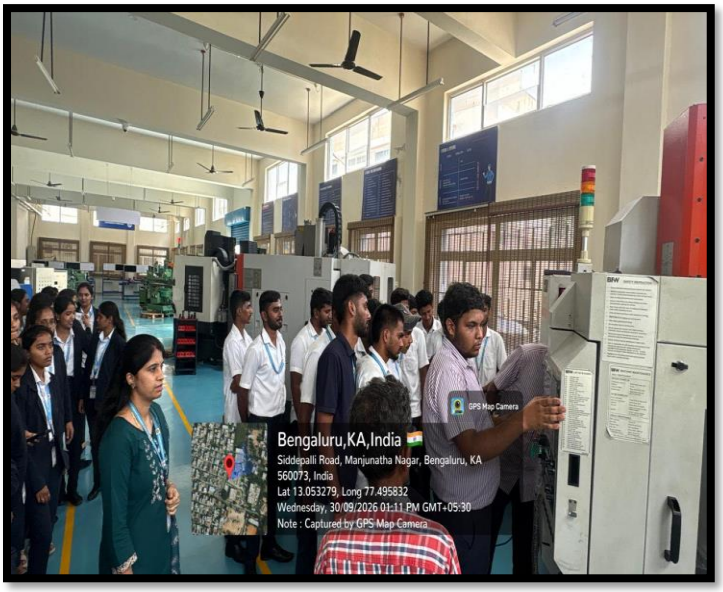
## Session Highlights

### Session 1: Technical Skill Development and Industrial Training

The first session introduced students to the role of KGTTI in providing industry-oriented technical and skill development training. Students were exposed to modern technical training facilities and gained an understanding of how engineering concepts are transformed into practical skills through hands-on training.

The session provided students with an overview of areas such as **CAD/CAM, CNC technology, manufacturing processes, industrial automation and technical equipment**. KGTTI's Bengaluru centre offers training in CNC programming and operation, AutoCAD, CATIA, MasterCAM and related manufacturing technologies.

The students also understood the importance of practical training, professional certification and industry-relevant skills in improving employability and preparing engineering students for industrial careers.







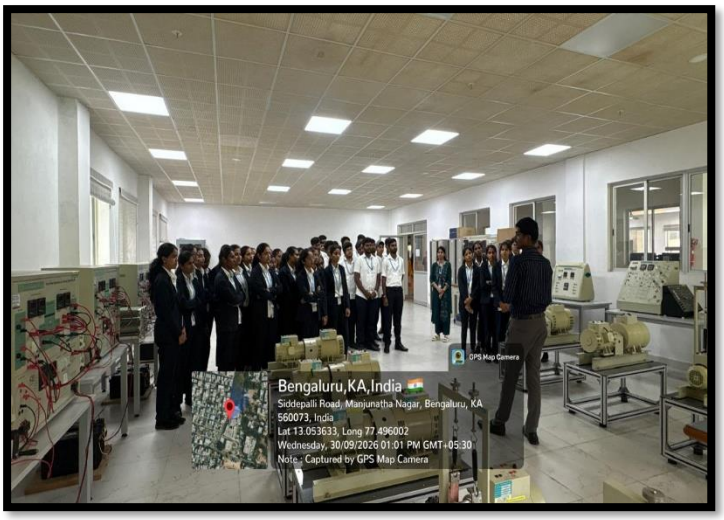
### Session 2: Information Technology and Industrial Automation

The second session focused on the role of **Information Technology, networking, embedded systems and industrial automation** in modern industries.

Students were introduced to industry-oriented IT and networking domains such as **Cisco IT Essentials, CCNA, networking and cloud-related technologies**. The session also provided awareness about embedded systems and industrial automation, including the use of automation technologies in modern industrial environments.

The interaction helped students understand the importance of integrating computer science knowledge with practical technologies such as networking, automation, embedded systems and industrial applications.







## Objectives

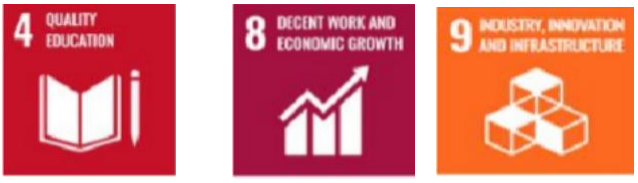
1. To bridge the gap between classroom learning and real-world industrial practices.
2. To provide students with practical exposure to industry-oriented technical training and modern technologies.
3. To understand the applications of Information Technology, networking, embedded systems and industrial automation in real-world environments.
4. To familiarize students with emerging technical skills and professional training opportunities relevant to the engineering industry.
5. To motivate students to develop industry-ready skills and explore career opportunities in technology and engineering domains.

## Outcomes

1. Students gained first-hand exposure to industry-oriented technical training and practical skill development.
2. Students developed an understanding of the applications of IT, networking, automation, embedded systems and manufacturing technologies in industrial environments.
3. Students became familiar with the importance of practical skills, professional training and certification for enhancing employability.
4. The visit helped students connect their academic concepts with real-world technological applications.
5. Students gained awareness of emerging technologies and career opportunities in industry-oriented technical domains.
6. The visit strengthened the connection between academic learning and industrial practices.

**SDG's :-**

**SDG 4** Quality Education
**SDG 8:** Decent Work & Economic Growth
**SDG 9:** Industry, Innovation & Infrastructure




**PO's:-**

**PO1, PO2, PO5, PO6, PO8, PO11**