

## A REPORT ON ONE DAY INDUSTRIAL VISIT

**Place of Visit:** ~~GTTC - Rajajinagar~~ **GTTC - Rajajinagar, Rural Energy & Development (MGRED)**

**Date of Visit:** 26<sup>th</sup> September 2024

**Faculty visited:** Mrs Vishalini Divakar, Mrs Suma Santhosh , Mrs Bhanumathi A

**Students:** 5<sup>th</sup> Semester A & B (Total 132 students)

Department Electronics and communication under **IETE student's forum**, IEEE, ISTE and IEI organized one day industrial visit for 8<sup>th</sup> Semester students along with faculty members to "GOVERNMENT TOOL ROOM & TRAINING CENTRE (GTTC)", Bengaluru on 26<sup>th</sup> September 2024.

### GOVERNMENT TOOL ROOM & TRAINING CENTRE (GTTC)

Government Tool Room & Training Centre (GTTC) a globally acclaimed Tool Room and Training Centre. This is a joint venture of the Government of Karnataka and DANIDA, Government of Denmark, established in the year 1972. The Government of Karnataka has established 30 GTTC Centers all over Karnataka and a skill development center. The main objective is to provide skilled manpower and technical services to the existing and emerging Industries all over the world.

GTTC has trained more than 50,000 candidates in various Diploma and Short-Term Skill Development Training Program



### **KEY FEATURES INCLUDE:**

Courses Offered: Diploma programs in tool engineering, CNC programming, and other related fields.

Industry Collaboration: Partnerships with various industries to ensure that training is aligned with current market needs.

Facilities: Equipped with modern machinery and technology for hands-on training.

Placement Support: Assistance in job placements for graduates in relevant industries.

### **OBJECTIVE OF GTTC:**

- To conduct Industry Oriented Technical Training Programs to youth with Employable skills.
- To assist MSME units in Technological upgrading by providing quality tools.
- To provide highly Skilled Work force to existing and emerging Industries

### **OVERVIEW OF THE GTTC INDUSTRIAL VISIT**

- On September 26, 2024, students from the Electronics and Communication Department at K S Institute of Technology, along with our faculty members, participated in an enlightening industrial visit to the Government Tool Room & Training Centre (GTTC) in Rajajinagar, Bangalore. This initiative was organized by the department to provide us with practical exposure to engineering concepts and applications in a real-world industrial setting.
- Industrial visits are a crucial part of engineering education, serving as a bridge between theoretical knowledge acquired in classrooms and the practical skills required in the workforce. These visits allow students to observe the application of engineering principles in real-time, enhancing their understanding of complex concepts. By interacting with industry professionals and engaging with advanced technologies, students can identify key skills that are in high demand. This not only motivates students to pursue relevant knowledge and experience but also fosters a deeper appreciation for the practical aspects of their chosen fields.
- Upon our arrival at the GTTC campus, we were welcomed into a dynamic and innovative environment filled with skilled professionals engaged in various cutting-edge projects. The head of GTTC initiated our experience with an informative one-hour theory session, where we were introduced to the institution's mission, vision, and the extensive range of facilities available for students. This session was particularly inspiring as we learned about GTTC's achievements as an institution and the proud alumni who have excelled in various high-profile positions around the



globe. Hearing their success stories reinforced our aspirations to follow in their footsteps and strive for excellence in our future careers.

- Following the introductory session, we embarked on a comprehensive guided tour of the technical and non- technical labs, as well as the research centers within the institution. A knowledgeable faculty member accompanied us throughout the tour, explaining the innovative projects and technologies being developed at GTTC. This exposure was invaluable, showcasing the institution's commitment to fostering creativity and innovation among its students. We gained insights into various engineering disciplines and how they interconnect to solve real-world problems, further enriching our learning experience.

During the tour, we were also briefed on the numerous internship opportunities available for students, which emphasized the significance of practical experience in enhancing employability. The faculty highlighted various course options offered at GTTC, each meticulously designed to equip students with relevant skills and knowledge tailored to meet industry demands. This comprehensive overview of the curriculum illuminated the diverse pathways available for professional growth and development.

- Overall, our experience at GTTC was exceptionally informative and motivating. We learned about the latest advancements in technology and the practical skills essential for our engineering careers. The visit not only deepened our understanding of our field but also inspired us to actively seek further knowledge and engage with emerging technologies. We left the campus feeling invigorated and equipped with insights that will undoubtedly influence our future endeavors in the engineering domain. This visit reinforced the importance of hands-on learning and the role of industry exposure in shaping our careers.











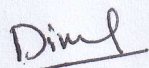
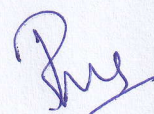
### Mapping of FDP with PO'S and PSO'S

Program	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO1 0	PO1 1	PO1 2	PSO 1
Industrial visit	-	-	-	3	-	-	-	-	3	2	2	2	2

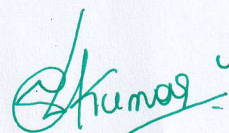
- **PO4:** Participants can identify complex problems for project work
- **PO9:** Individual & Team work
- **PO10:** Participants can communicate effectively by gaining knowledge about solar energy
- **PO11:** Project Mgmt. & Finance
- **PO12:** Participants can apply the basic knowledge in lifelong learning.
- **PSO1:** Participants are able to understand and apply communication tools to various fields of power generation and utilization using renewable sources of energy

**Industrial Visit Coordinators**

**Dr. Dinesh Kumar D S**

**HOD ECE**



**Principal**

**Mr. Satish Kumar D S**



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