



## Report on Industrial visit (Department of Mechatronics Engineering)

Nov 19, 2019

AIT- Mechatronics Engineering wishes to acknowledge and appreciate the team of **Karnataka German Multi Skill Development Centre (KGMSDC)** for giving the permission to visit the industry, and acquire knowledge about the process of industrial automation.

Karnataka German Technical Training Institute (KGMSDC) a society promoted by Government of Karnataka with technical support of German International services (GIZ-IS) has setup Karnataka German Multi Skill Development Centre (KGMSDC) Bengaluru.

The primary mission of KGMSDC is to provide broad based multi-disciplinary world class training programs in various technical fields, directed towards the development of specialized skills in alignment with the industry requirement across the globe.



Group photo session at Karnataka German Technical Training Institute (KGMSDC)

### OBJECTIVE OF THE VISIT

To get exposure to modern technologies involving CNC Programming and operation, automation methods, PLC and SCADA in industry in what can be seen as a transition from theoretical knowledge imparted in classroom teaching to that applicable to industry.



Students and faculty have seen the parts manufactured by industrial automation techniques.



KGTTI staff explaining the use of CNC machine



KGGTI staff explaining the use of CNC machine

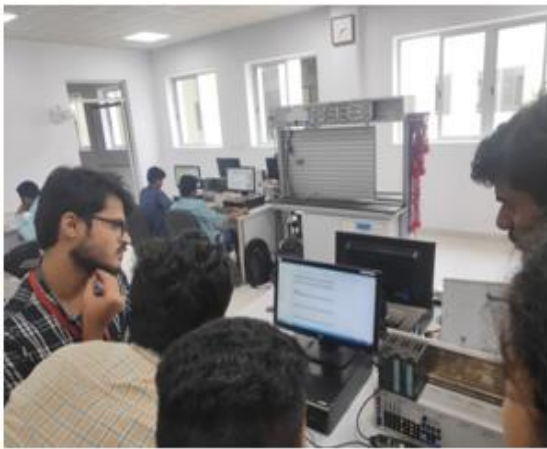


## OUTCOME

a) Students exposed to PLC, SCADA, Embedded system, networking, programming and industrial automation established by FESTO, Volkswagen, and Cisco.

b) Students learnt the importance of technologies like RTOS, CNC programming, networking, hydraulic and pneumatics actuation systems in par with industry standards.

c) Students are exposed to actual working in industry.



Hands on session for students to learn how to program and verify it with actuation system.



Hands on session for students to learn how to program and verify it with actuation system.

**Acharya Institute of Technology- Dept. of Mechatronics Engineering, thank **KGMSDC** for learning experience.**

**Team- AIT-MTE**

**Place – Karnataka German Technical Training Institute.**

**Date – 12<sup>th</sup> November 2019**

**Time – 12 pm to 3 pm**

**Total students- 60**

**Accompanied by- 2 faculty**