

**TATYASAHEB KORE INSTITUTE OF ENGINEERING AND
TECHNOLOGY, WARANANAGAR**
DEPARTMENT OF MECHANICAL ENGINEERING



ACADEMIC YEAR : 2019-20

Industrial Visit Report

S. Y. B. Tech. Mechanical

On 22nd Feb. 2020

Place of Visit:-

Indo-German Tool Room, Aurangabad

On 22nd Feb. 2020, we had an industrial visit at Indo-German Tool Room, Aurangabad . Indo-German Tool Room is a tool room and training center engaged in production of tools of precision plastic and metal components and also engaged in area of training in tool and die making, CAD/CAM and CNC technology. We reached their by 12:00 noon and after quick introduction we were provided lunch at their canteen. After the lunch, they conducted one hour seminar about the designing software they used. After seminar, students including teachers were divided in three groups among their guides. The very first section of the visit was of CNC machines. They showed us the practical application and functions of CNC lathes and VMC machines, which were fully automated. Then we visited press shop they showed mechanical, hydraulic presses and Injection Moulding Machine and various dies and products made on it. Then they showed us Electrical Discharge Machine and Wire Electrical Discharge Machine. Then we visited the quality control section where 3D printing machines like laser sintering and rapid prototyping machines were shown and various products developed by them of plastic and Inconel 718 material. There was a Coordinate Measuring Machine too. Overall, the industrial visit to IGTR was worth productive and quite interesting as well.



Photograph Industrial Visit at IGTR, Aurangabad