



SurTech

## Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex

(Formerly Known as Dr. Sudhir Chandra Sur Degree Engineering College)

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It gives us immense pleasure to inform you that the Mechanical Engineering Department of Dr.Sudhir Chandra Sur Institute of Technology & Sports Complex (SurTech) arranged an Industrial Visit on 26th April 2024 for 2nd Year students at MSME Tool Room, Kolkata.

### ***Objectives of Industry Visit for the Technical Students are as follows:-***

- A) To provide Technical Students an insight regarding the internal working process of all machinery, Newly set up a lab of the core Industry.
- B) Industrial Visit provides a flavor of Real-Time Practical industry to the Students.
- C) Technology Development is the Key Factor, about which the Students should have good Knowledge and understanding.
- D) After visiting an Industry the Students can gain a combination of both Theory & Practical Knowledge & these are helpful to get a JOB in the core sector.

Around 20 students from the ME Department attended the visit. Entire arrangements were coordinated by the Faculty and TA. The plant visit initially started with a workshop where students had the chance to observe various types of machines like vertical milling machines, horizontal milling machines, lathe machines, and shaper machines, and different types of operations were performed by the instructor. Then we had the opportunity to visit the EDM lab where students gathered knowledge about the EDM machine and also saw the operation performed by the EDM machine. Then we visited the CNC lab where students learned about the CNC machine and how CNC machines work. Generally, CNC machines work on G-code and M-code. The whole process was explained by the Engineers. From this industrial visit, students learn a lot of things about industry, machines, and operations performed by machines and gain valuable practical knowledge. The students also had the chance to interact with senior Engineers in understanding the better concept.

Here are some glimpses for your reference.



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