



## JC Bose University Of Science & Technology, YMCA Faridabad

### “Industrial Visit to ABB India Limited Faridabad, Haryana”

<b>Name of department/ Section/ cell conducting the activity</b>	B. Tech Electrical 5 <sup>th</sup> semester
<b>Date of Conduct</b>	13 December 2022
<b>Activity Coordinator</b>	Dr. Anju Gupta, Dr. Rajesh Kumar Ahuja
<b>Target audience:</b>	35 students, 1 faculty member
<b>Brief Description of the event</b>	<b>DATE-</b> 13 December 2022 <b>MODE OF TRANSPORT-</b> College Bus <b>NUMBER OF STUDENTS-</b> 35 <b>FACULTY NAMES-</b> 1. Dr. Anju Gupta 2. Dr. Rajesh Kumar Ahuja 3. Mr Pawan Kumar

## Objective-

ABB India Limited Faridabad, Haryana is a small branch known for designing highly efficient three-phase induction motors. The main aim of organizing this industrial visit is to give some exposure to the students about how the induction motor is being designed in the industry, and what are the standards used while designing the stator and rotor of the induction motor. During this visit students will get, practical knowledge about the parts of the motor, the working principle of the motor, the machine designing method used for the designing of the motor .Also they will know about what are safety measures does the engineers take while working in the industry which is the preliminary step that is considered in every industry.



**Fig1 Pics Taken Inside the company**



Fig 2 Pics Taken in Production Area

### **Outcome of the visit**

The overall experience of this visit was so good and knowledgeable for us. We enjoyed a lot as well as understand about the working principle, designing and assembling of the the induction motor. We are very thankful to the Department of Electrical Engineering for organizing this wonderful trip and we wish our department to organize these kinds of visits in the future also.