G H Patel College of Engineering and Technology

Under IEEE PES chapter

Report on Industrial Visit

Organized by Department of Electrical Engineering

Name of organization: Rotomotive Power Drives Ltd.

Date of Visit: 22nd August, 2018.

Total No of students: 75

Total No of Faculty: 05

Faculty Coordinator: Prof. Rakesh Patel , Prof. Sameer B patel

Detailed Report:

On 22nd August, 2018, Dept. of electrical engineering, GCET organized an industrial visit for the students of 3rd year BE & ME for the enhancement of their technical knowledge and providing them insights of the present market scenario. The visit was coordinated by Prof. Sameer B Patel & Prof. Rakesh M Patel. Dr Chetan Sheth, Dr Vijay Makwana & Dr Hardik Pathak also accompanied the students. In this visit, Students got the privilege of visiting Rotomotive Power Drives Ltd. The students started their journey from GCET campus at around 10:30 AM. Mode of conveyance (bus) was provided by the college itself. After a soothing journey of 30 min. the students, along with faculty coordinators reached the premises at 11:00 AM.

Students were divided into six groups and were taken to different sections of the organization for observing and understanding various processes. All the groups were accompanied by the experts who explained each and every stage of all the processes providing in depth knowledge and information about latest trends in market. First of all, the visit started with the winding section. In this section right from starting of material of coil to the final winding of stator as well as rotor was explained by the expert in depth.

Then it was followed by Brake motor Assembly where assembly of brake motor which is widely used in industries was explained by expert. In continuation students were taken to Gear Tooth Assembly Section where different types of Gear tooth sections were shown. This was followed by Curing Mechanism where material was heated to gain its property as perfect insulation. Two types of insulation i.e. Class F & Class H were followed by the Company.

Last but not the least, students were taken to the testing section where different tests like Blocked Rotor Test, No Load test, Resistance, HV, Sequential, Surge tests etc. were performed and explained by the expert in detail. The visit successfully ended at 4:00 PM as students returned to GCET campus. The feedback from students was magnificent with an appeal of organizing more of such visits in future.

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List of Students who attended the Industrial Visit:

Enrollment no.	First name	Surname
160110109001	Abhinash	Kumar
160110109002	Bhashmang	Adhvaryu
160110109004	Chintan	Bhalodiya
160110109005	Chintan	Bhatt
160110109006	Krupa	Bhavsar
160110109007	Bhavinkumar	Bhusara
160110109008	Rahul	Chandlawala
160110109009	Akanksha	Chauhan
160110109010	Dhairya	Chauhan
160110109011	Dipen	Patel
160110109012	Divyang	Patel

160110109013	Smit	Gajjar
160110109014	Naitik	Gandhi
160110109015	Mohit	Gohel
160110109016	Ravin	Golakiya
160110109017	Hardik	Jani
160110109018	Raviraj	Jariwala
160110109019	Viral	Khant
160110109020	Chintan	Kothadia
160110109021	Maitrik	Machhi
160110109023	Milan	Manavadaria
160110109024	Bhaumik	Mehta
160110109025	Harsh	Mehta
160110109026	Meet	Momaya
160110109027	Mritunjay Kumar	Singh
160110109028	Ajay	Patel
160110109029	DEEP	PATEL
160110109030	Dhrumil	Patel
160110109031	Dhruv	Patel
160110109033	Priyank	Patel
160110109035	Vishal	Pateliya
160110109036	Jenish	Pipariya
160110109038	Mihir	Prajapati
160110109039	Prexa	Shah
160110109040	Pruthwish	Kotadia
160110109041	Rahul	Solanki
160110109042	Hardiksinh	Raol
160110109045	Sapan	Sevak
160110109047	raj	shah
160110109048	Yash	Shah
160110109049	Sahil	Shaikh
160110109050	RAGHUVEERSINH	SINDHA

160110109051	Jigar	Solanki
160110109052	Harsh	Trada
160110109053	Ujjwal	Shrivastav
160110109054	Bhavik	Vachhani
160110109056	Krushika	Vaghasiya
160110109057	Krushna	Vala
160110109058	Jaymeen	Vataliya
160110109059	Shyam	Vikani
160110109060	Dilesh	Yadav
160110109061	Chaitanya	Zala
160110109062	Jainil	Sheth
170113109001	Udip	Bavalia
170113109003	HARSH	DAVE
170113109004	Mansur	Navar
170113109004	Mansur	Navar
170113109005	Dipen	Pandya
170113109006	Bipin	Parmar
170113109008	Neel	Shelat
170113109009	Pankil	Shingala
170113109010	kawaljeet singh	Sohaney
170113109012	Shrey	Thakkar
170113109013	Smit	Thanki
170113109014	Apeksha	Zinzuvadiya