



SANDIP FOUNDATION'S
SANDIP INSTITUTE OF TECHNOLOGY & RESEARCH CENTRE, Nashik
DEPARTMENT OF ELECTRICAL ENGINEERING
T.E .Sem-1 Academic Year
2016-17

Industrial Visit

Name of Industry: M/S Rajesh Electric Works

Address: Plot No C/42, MIDC, Malegaon, Taluka-Sinnar, Nashik.

Plant Head: Mr. Rajesh

Consult Person: Mr. Ram

Industrial Visit: 8th July 2016 from 11.00 am to 3.30 pm

Organized for: T.E Electrical Engg. Dept.

Name of Staff Visited: 1.Prof. D.S.Badgujar
2. Prof. G.A.Akothkar

Knowledge Concerned with Academic curriculum based Subject:

1. Electrical Machine-2
2. Electrical Installation and Maintenance and Testing

Details of the Industry:

M/S Rajesh Electric Works: Work carried out by Industry (Specialist in Rewinding and Repairing)

1. DC Shunt & Traction Motors, Slip Ring Motors, HT-LT Motors
2. Eddy Current Brakes
3. Magnet Chucks
4. Welding Generators/ Welding Machine
5. Step up & Step down Transformer
6. CNC & ROBO, Axis AC Servo Motor
7. Integrated Transformer
8. High Frequency and Spindle Motors

Objective of Visit:

- To educate the students about first hand technical knowledge and practical experience with regarding various factors regarding Electrical Machines and its Maintenance, Repairing & Testing.
- To learn basic structure of electrical power systems, various electrical terms related with power system and understand various types of tariffs.
- To understand specifications and applications of major electrical equipment present in power plant.
- To get knowledge of mechanical & electrical design of overhead and underground transmission system.
- To learn representation of transmission lines for performance evaluation.

Outcome of the Visit:

- Students got familiar with practical working of the electrical machines, diversion of practical situations from theoretical ones, issues created during operations of the machineries and ways to solve them
- Students acquired knowledge and idea about different kinds of faults during operation of electrical machines, like, DC Shunt & Traction Motors, Slip Ring Motors, HT-LT Motors, Welding Generators/ Welding Machine, Step up & Step down Transformer, Servo motors, integrated transformers, Spindle motors etc.
- Students achieved a sense of confidence by having firsthand experience operations of transformers and motors in the industry oriented field.

Photos of the event:



M/s. RAJESH ELECTRIC WORKS
Plot No. C/42, MIDC, Industrial Estate Malegaon, Tal. Sinnar, Nashik - 422103
Mob. - 9823103749 / 95824624, Web : rajesh electric works.in

BALANCING ALL TYPE OF STATIONARY

- Specialist in Rewinding & Repairing of -

- CNC & ROBO Axis AC Servo Motors, (Brush & Brush-less Type)
- High Frequency and Speed Spindle Motors.
- DC Shunt & Traction Motors, Slip-ring Motors, HT / LT Motors
- Eddy Current Brake.
- Power Generators and Alternators. (Brush & Brush-less Type)
- Welding Generators / Welding Machine
- Magnet Chucks.
- Integrated Transformers / Butt Weld Machines / Control Transformers
- Step Up and Step Down Power Transformers.
- Solenoid Valve Coils / Clutch coils / Brake Coils / Vibrator Coils Etc.
- Magnetize and Demagnetize Coils (EPOXY MOLDED).

- Authorised Service Center For

SIEMENS AMP BALDOR ma. athon

