

Electrical & Electronics Engineering Department
Report
INDUSTRIAL VISIT – HYDAL POWER PLANT

Department of Electrical and Electronics Engineering organized an industrial trip to Raheja Hydel Power Private Limited, Dharamshala, Himachal Pradesh to enhance the industrial and practical knowledge of the students. Around 52 students with three faculty members went to the industry on 15th April, 2022.

Raheja Hydel Power Private Limited is a private company incorporated on 22 July 2005. It is classified as non-government company and is registered at Registrar of Companies, Himachal Pradesh. Its authorized share capital is Rs. 30,000,000 and its paid-up capital is Rs. 265,240. It is involved in production, collection and distribution of electricity

Everyone reached the factory at 4 o'clock. An engineer-in-charge received us at the entrance and gave a brief introduction about the working of the power plant. Then he took all the students and faculty inside to show the process. He explained how hydropower works by harnessing the energy that comes from the flow of water through a turbine connected to a generator and the process by which it turns it into electricity.

They showed the whole working by stopping the turbine for short period of time. There were several meters to monitor the status, speed, current and other parameters of the machines present in the power plant. Students showed keen interest and had their doubts all cleared by them.

They had also arranged snacks for the students and greeted them very nicely. Everyone left the power plant at 5 o'clock. Students were very happy and satisfied with the knowledge they gained through this visit.