



Finolex Academy of Management and Technology, Ratnagiri
Department of Electrical Engineering

Industrial Visit : Finolex Thermal Power Plant, Golap Ratnagiri

The Department of Electrical Engineering, FAMT Ratnagiri, organized an industrial visit to **Finolex Industries Ltd., Golap** on **18 August 2026** as part of the **Power Plant Technology Laboratory (2225122)**. A total of **60 students** participated in two batches. Students assembled at 9:00 AM, departed by bus at 9:20 AM, reached the industry at 9:50 AM, and completed gate entry at 10:00 AM.

The technical visit was conducted by **Mr. Amol Gadre**, who introduced students to the **43 MW Captive Power Plant**, its operation, safety practices, and major equipment. Students first visited the **switchyard**, where they observed the industrial insulators, CTs, PTs, circuit breakers, power and distribution transformers, relays, and pressure relief valves. They subsequently observed the **coal conveyor system, cooling tower, boiler, economizer, and chimney**, gaining practical understanding of the thermal power generation process.

Students then visited the **MCC** and studied plant electrical distribution and control systems panels and their working. The generator section provided practical knowledge of synchronous generation, excitation, synchronisation, and power generation. Finally, students visited the **DCS and SCADA control room**, where the **Yokogawa system** was demonstrated for real-time monitoring and control of plant parameters.

The visit successfully bridged theoretical concepts with industrial practices and enhanced students' understanding of power generation, protection, automation, safety, and plant operation.

The industrial visit was coordinated by **Prof. M. N. Tagare** with permission from the Department of Electrical Engineering. **Prof. A. K. Sharma, Prof. N. V. Kelkar, Prof. D. Rajesh Kumar, and Laboratory Assistant Mr. Parshuram More** accompanied the students on the visit to the industrial site. Their active involvement ensured proper coordination, student supervision, adherence to safety guidelines, and smooth conduct of the technical visit.

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Figure 1: Main Entry gate of Finolex Power Plant



Figure 2: Students Selfie after Industrial Visit



Figure 3: After Technical Session