

Bharatiya Vidya Bhavan's

SARDAR PATEL COLLEGE OF ENGINEERING

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Industry Visit to MAHAGENCO – GTPS Power Plant by TESA-SPCE

Industry visit was conducted to **Maharashtra State Power Generation Company (MAHAGENCO) - Gas Turbine Power Station (GTPS), Uran** on **02/05/2023**, for providing practical exposure of a power plant to the students of professional elective course of **Power Plant Engineering, B.Tech. (Mechanical), Semester-VIII**.

Mr. P.D. Singh, Plant Engineer, GTPS conducted a complete plant tour of the students to all the units. MAHAGENCO-GTPS, Uran is a natural gas-fired, combined cycle power plant, having a total installed capacity of 672 MW, with four units of Gas Turbines, each of 108 MW capacity and two units of Steam Turbines, each of 102 MW capacity. The students received the practical exposure to various plant equipment in operation such as combustion chamber, gas turbines, steam generator, steam turbines, air condensers, Demineralized (DM) water plant, A.C. Generator etc. with detailed information. The students also visited the **Plant Control Room**, where they were given the exposure and information about monitoring and control of plant parameters using the latest technology and software.

This industry visit provided the students with a comprehensive knowledge about the operation of Gas and Steam turbine power plants, and exposure to the latest technology and software for operations and control of power plants. **Prof. Parag K. Muley**, organised this industry visit as a part of **TESA-SPCE** (www.spce.ac.in/tesa.php) activities for the academic benefit of students. **Total 32 students** this industry visit in the academic interest for their knowledge enhancement.



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