B.M.S. College of Engineering, Bengaluru-19
(Autonomous Institute, Affiliated to VTU)
Department of Electronics & Instrumentation Engineering

REPORT ON INDUSTRIAL VISIT TO

SHIVANASAMUDRA SOLAR POWER PLANT 10MW, Malavalli, Mandya AND

BHORUKA POWER CORPORATION LIMITED, KOLLEGAL

Date of Visit: 20th January 2024, Saturday

No. of Students: 43 (V Semester)

Faculty coordinators: Mr. Ajaykumar D, Mr. Krishnamurthy KT, Mr. Kumar D & Mr.Akshay Kumar S

Staff: Vinayaka R & R. Manju

One day industrial visit was organized by Department of Electronics and Instrumentation Engineering, with an objective to practical learning and industrial explore to the students in Electronics and instrumentation domain.

The students of V semester were taken to industrial visit of two places Shivanasamudra Solar Power Plant 10 MW, Malavalli, Mandya, Karnataka and Bhoruka Power Corporation Limited, Sattegala, Kollegala, Karnataka on 20th Jan 2024, Saturday. First we visited the Shivanasamudra Solar Power Plant 10 MW, The capacity of the grid is 10MW with approximate cost of 68 crore. 10 MWp Grid connected Solar Power Plant for Karnataka Power Corporation Limited (KPCL). Second visit to Bhoruka Power Corporation Limited, Sattegala. Its Hydro power plant build across the River Cauvery. BPCL has acquired 4x1.563MW Sattegala Mini Hydel Station from M/s.SLS Power Industries, Bangalore during November 2006. The plant is located across Cauvery River. This station is located between Dhanagere anicut on the upstream and Siva anicut on downstream side. Run of the river plant utilizing head at the location. Installed capacity 6.25 MW. Penstock Inlet pipe of 4mtr dia x 6mtr length. Annual Generation Potential 35.3Mu Transmission line 66KV Double circuit transmission line to Sattegala Substation about 2kms distance. The industry visit was very good and students experience the generation, control and transmission of solar and Hydel power plant.

Photos During the visit:


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GPS Map Camera
Malavalli, Karnataka, India
8547+6GM, Malavalli, Karnataka 571430, India
Lat 12.306778°
Long 77.163577°
20/01/24 11:49 AM GMT +05:30
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