

**DEPARTMENT OF MECHANICAL ENGINEERING
RV INSTITUTE OF TECHNOLOGY AND MANAGEMENT
BENGALURU - 560 076**

INDUSTRIAL VISIT REPORT ON 1st JULY 2022



Linganamakki Power House, Sagara Taluk - Photos

on duty at the time of our visit explained about power plant, control panels, turbine, etc., he also stated that the power generated of 55MW will be step-up for 110MW using step-up transformer and same power will be supplied to Shivamogga town. Students gained the practical knowledge regarding the working principle of Penstock, scroll case, draft tub, tailrace, etc., and also gained knowledge on how the power generated using the low head Kaplan turbine. The feedback given by the students was positive and are keen for the next Industrial visit.

INDUSTRIAL VISIT REPORT ON 2nd JULY 2022



Shanthala Spherocast Private Limited, Shivamogga - Photos

Shanthala spherocast private limited is a Large-scale casting industry. There some of the manufacturing components are related to the compressor- manifold, Diesel engine – main cap baring, Material handling equipment's, Hydraulic applications- Head end covers, Railway Brake shoe, Plastic Injection molding. That can be used to create larger machines and structures. During our visit, technical Engineer took us to seminar hall and he explained about company profile in detail. After the session, we went to pattern shop, foundry units and machining centers. We witnessed the actual casting process starting from pattern making, mould preparation, melting, followed by cleaning and inspection. Technical Engineer answered to all our queries and also, he has given some insights about job opportunities in different manufacturing sectors. Overall students got benefited from this visit and feedback given by the students was positive and are keen for the next Industrial visit.