



KLS Vishwanathrao Deshpande Institute of Technology

(Accredited by NAAC with "A" Grade)

(Approved by AICTE, New Delhi. Affiliated to VTU, Belagavi)

(Recognized Under Section 2(f) by UGC, New Delhi)

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Report on Kadra Hydropower Plant Visit

An educational site visit to hydropower plant at Kadra, Uttara Kannada district was organized by the Department of Electrical and Electronics Engineering for 7th semester students on 18th October 2023. The visit was organized successfully with the prior permission of Managing Director KPCL Bengaluru and under the guidance of our beloved Principal Dr.V.A.Kulkarni and by the initiative and persistent efforts of Prof.A V Kolaki and Shri.Om Prakash Suryavamshi, Executive Engineer Kadra plant.

The seventh semester 22 students along with Prof.Subrahmanya H and Mr.Mahabaleshwar P visited to Kadra hydropower plant. During the visit students got knowledge about penstocks, Turbine, Alternator, Auxiliary supply unit, relay and control unit, switch yard section. The Assistant Engineer Kadra power plant Shri. Arun briefed about the kinetic energy to mechanical energy then electrical energy conversion process. Kadra power plant is basically peak power station; its capacity is about 150MW. There are three alternators each having capacity 50MW and it's driven from Pelton wheel turbine. From this visit our students got practical exposure of what they learnt in their academics.

Program Outcomes and Program Specific Outcomes from the power plant visit

PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
2				1	1						1		2

