



SSET'S
S. G. BALEKUNDRI INSTITUTE OF TECHNOLOGY, BELAGAVI
Department of Electronics and Communication Engineering

INDUSTRIAL VISIT TO Supa Dam

The students of IV sem (A & B Div) Visited Supa Dam Uttar Kannada, Karnataka on 21st March, 2018. The Dam is built across Kalinadi. It has a gross storage capacity of 4178 Mcum and a live storage of 4115.25 Mcum of water. It is designed having two generators of 55 MVA and has a generator voltage of 11KV. The entire generator output accounts for 100 MW of electricity with 2916 Terminal Amp/unit and a line voltage of 110 KV. They generate about 542 Million Units annually. The output four lines of the grid are distributed between the substations at Ponda and Ambewadi equally. It is a concrete gravity dam with a height of 101 m and length of 332 m with 3 radial gates of 15m x 10m dimension and has vertical Francis turbines with a design head of 72 m.



Supa dam and Power Station, Uttar Kannada



Students at Power generation station

The students were accompanied by Dr. K. Prabhushetty, Prof. Harsha H. K., Prof. Veena P. with supporting staff members Mr. Vijay M., Ms. Radha. and Mr. Sidram B.