



## Department of Civil Engineering

Academic year: 2019-20, SEM-II

### INDUSTRIAL VISIT REPORT

Name of the Industry : Somasila Dam and Hydro power plant.

Date of visit : 15-02-2020

List of the faculty accompanied: 1 Professor K.YUGANDHARA REDDY. 2. Mr. K.SIVA KUMAR.

Second year students of Department of Civil Engineering have visited Somasila Dam and Hydro power plant. Students have seen the construction of various components of the dam. Sri P. Srinivasa Reddy, Chief Engineer of the project has given a brief about the silent features of the project, fixing of radial gates and their mechanism of operation and advantages of radial gates over conventional gates.

Mr .C.S.R Naidu ,Engineer of the Hydro power plant has explained about the power generation, importance of surge tank, penstock, turbine and draft tube.



Departure to visit.



Somasila Dam Visit.



Flood flow canal.



Group photo at Dam down stream side.



At Down stream side.



Plant A.E Briefing about controlled unit.



At Hydro power plant control unit



Operations Engineer Explaining about Penstock:



At turbine



At power generation unit

Faculty I/C

HOD