

## INDUSTRIAL VISIT TO KALESHWARAM LIFT IRRIGATION PROJECT



### OBJECTIVES :

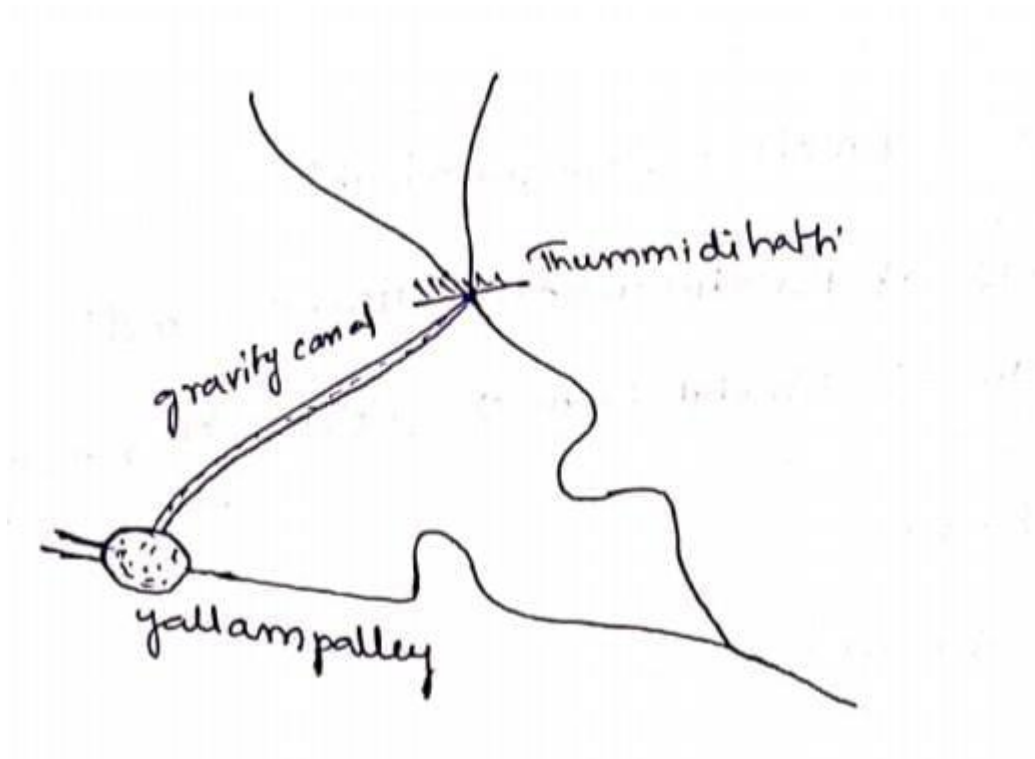
- A knowledge sharing interactive session with engineer and monitoring members
- Overall history and purpose of the project
- Got to know about the costing, purpose and necessity of project.

### Overview:

Overall catchment area of godavari - 3.12 lakh sq.m, it was distributed among 7 districts (maharashtra,telangana,andhrapradesh ,madhyapradesh,karnataka,chattisgarh and orissa) in telangana it covers an area of 18.8%-37934 sq.km,550km in its length. On 10 april 1969 government of india constituted a common tribunal to solve the river water utilization disputes about the river basins of krishna and godavari under the provisions of interstate river water disputes act- 1956 . It was headed by RS Bachawat as chairman, Dm Bandari and Dm Sen as members.later,12 divisions were made under khosla commision g1,g2,g3.....g12. Reason for the construction of kaleshwaram project is the proper utilization of godavari water as telangana state has hardly less project

Dr.b.r ambedkar sujala sravanthi also known as pranahitha-chevella

- capacity = 160 Tmcft at thummidi hathi.



- 10 Tmcft enroute to villages as drinking water.
- 30 Tmc ft for twincities drinking water supply.
- 16 tmcft for industrial use.

Design : The pranahitha-chevella project is redesigned by honorable chief minister K.C.R and named it as " kaleshwaram lift irrigation scheme "

the project was redesigned due to inter-state problems, water availability, environmental issues and it was also suggested that medigadda would be the suitable area due to more availability of water .

Kaleshwaram lift irrigation scheme :

medigadda - 284.3 TMCft

can divert 195 tmc ft water -20 tmcft to yallampally, 25 tmcft as groundwater

169 tmcft - irrigation purpose

30 tmcft - twin cities drinking water supply

10 tmcft to enroute villages

16 for industrial purpose the estimated cost was 80,190 crores.

They were 7-links and 28 packages constructed and monitored by Megha engineering company.

Link 1:

Started in 2016 - may 2nd bhoomi pooja was done by cheif minister of TS at medigadda-frl -100m named as laxmi barrage with 85 gates located at prof. jayashankar bhoopalapally district.

Data: ( MEDIGADDA TO YELLAMPALLY )

Total length = 46.30 km

3 lifts - medigadda, annaram,sundilla.

3 barrages named - laxmi,saraswathi,parvathi

30,000 acres ayacut and the details of remaining 6 links listed below in the form of pictorial representation

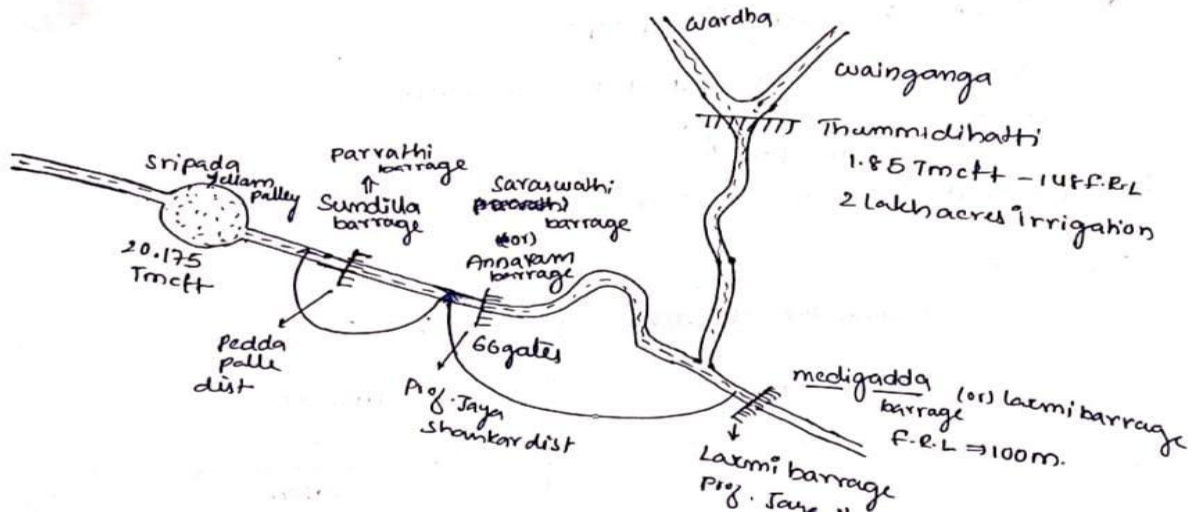
### Link-1

↳ 2016 - may 02 Bhoomi pooja ⇒ k.c.r named kaluhwaram lift irrigation

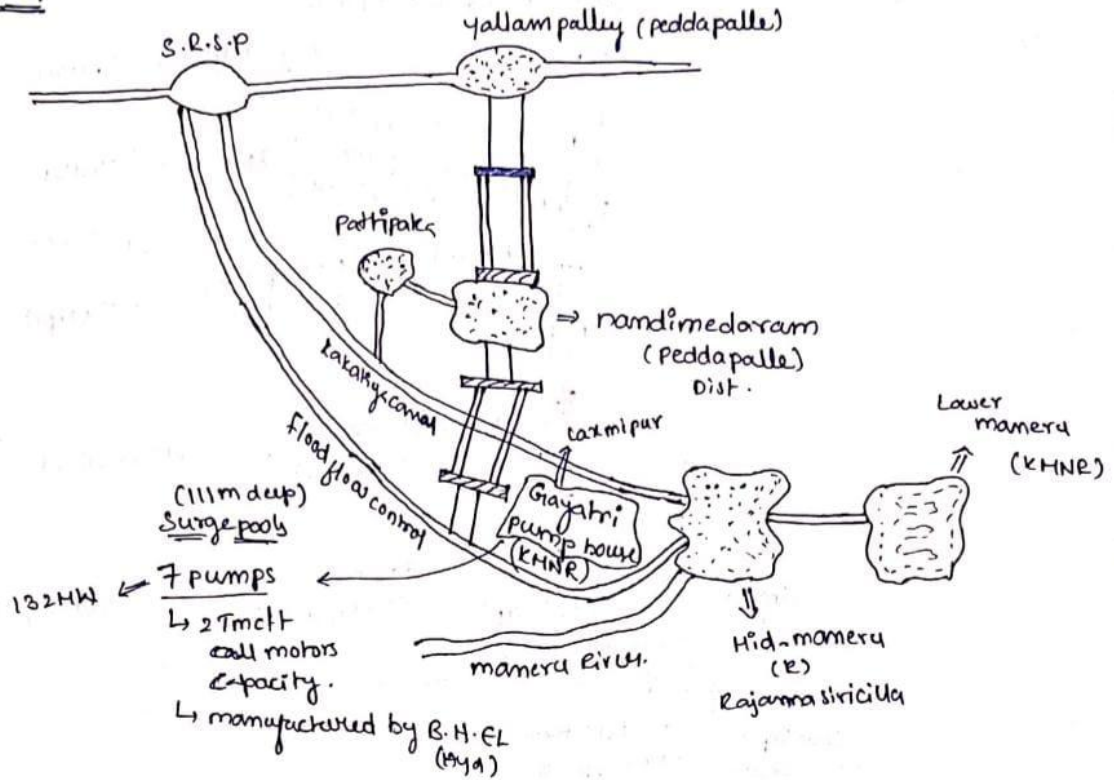
↳ Medigadda - F.R.L ⇒ 100m

↳ named as Laxmi barrage ⇒ located at Prof. Jayashankar dist.

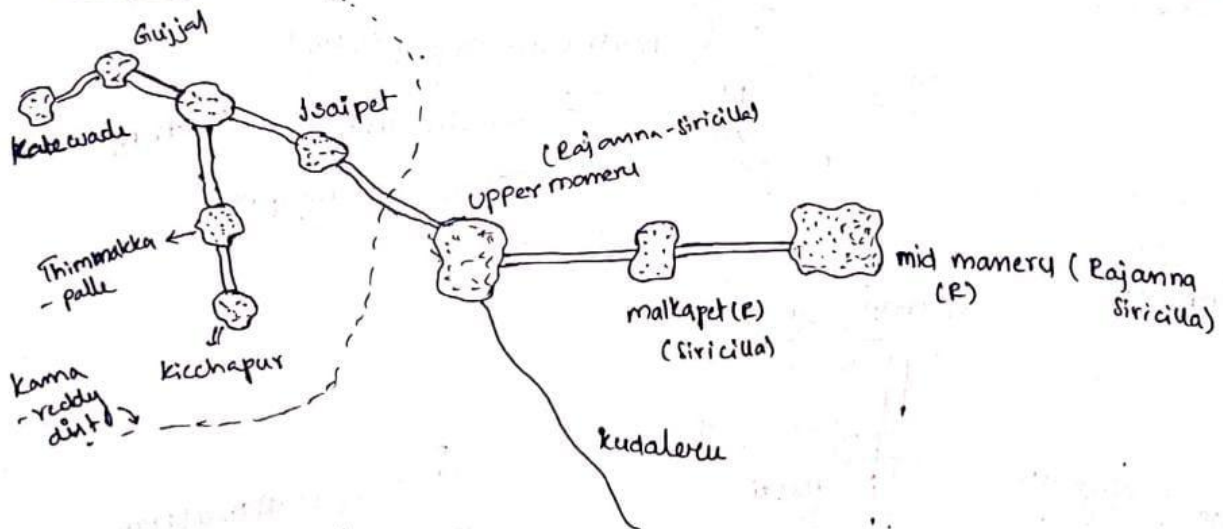
↳ 85 gates



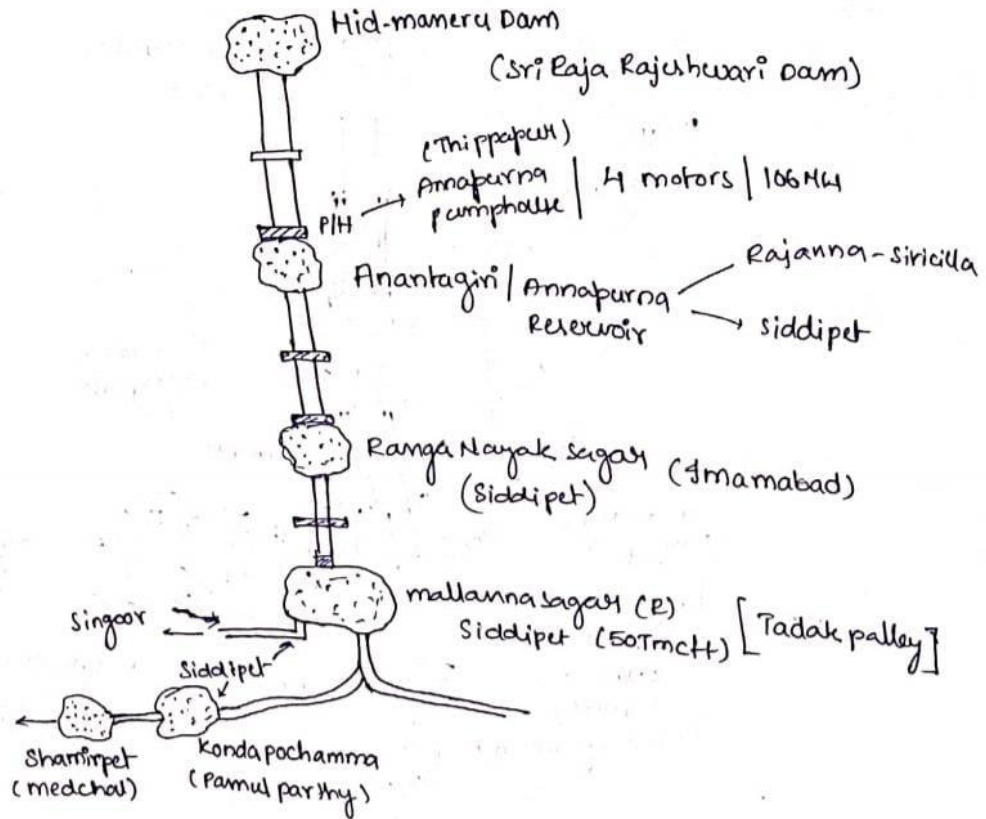
Link-2



Link-3



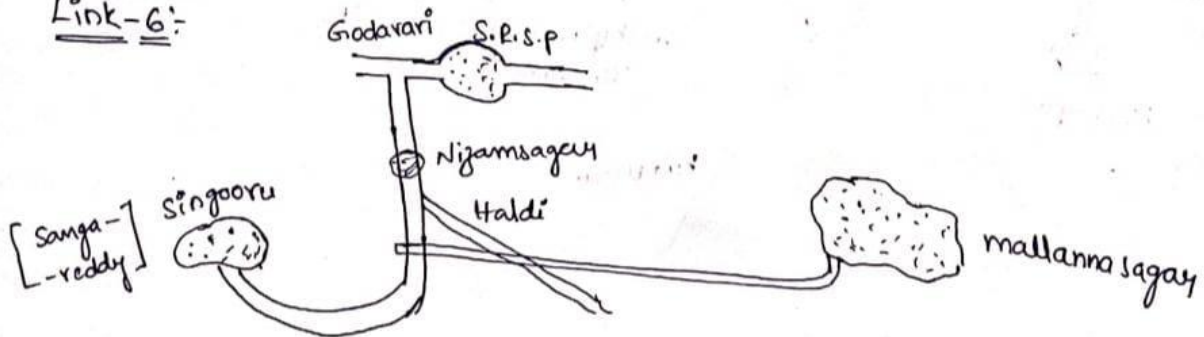
Link-4



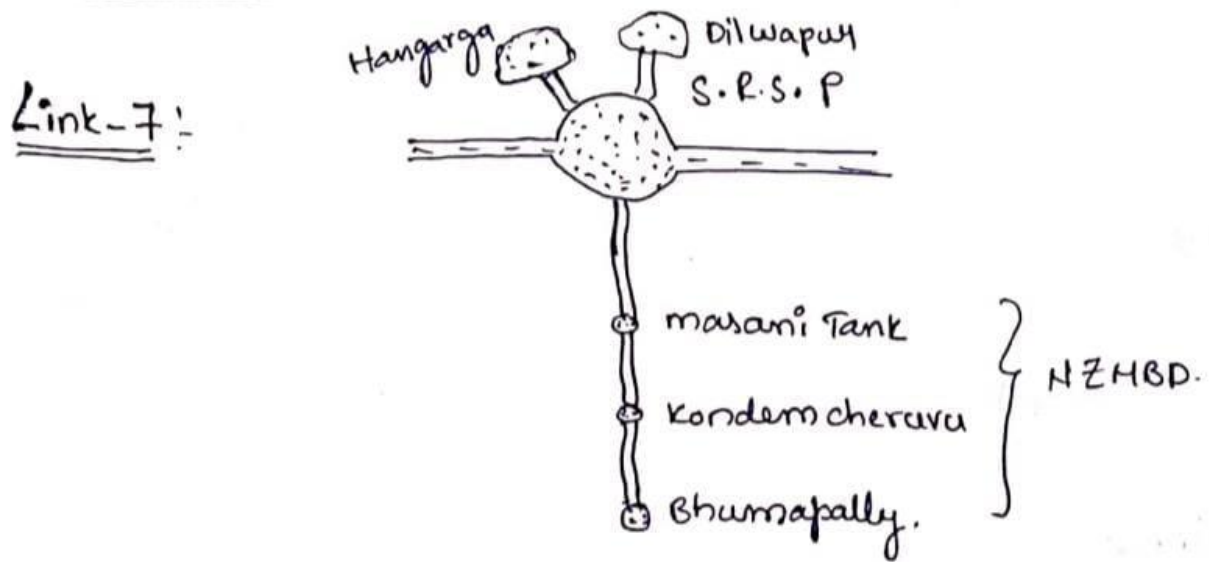
Link-5



Link-6







List of faculty visited:

1. K Sridhar Reddy
2. T Ramu
3. K Harish Kumar
4. K Priyanka
5. K Nagarvali
6. P Sai Prasanthi
7. Uma Maheshwari







Kaleshwaram Project  
Karimnagar  
N 18° 36' 23", E 79° 6' 5"  
18-Nov-2021 at 2:02:16 PM





Kaleshwaram Project  
Karimnagar  
N 18° 36' 14", E 79° 6' 9"  
18-Nov-2021 at 12:26:22 PM