

**SAKTHI POLYTECHNIC COLLEGE, SAKTHINAGAR**  
**DEPARTMENT OF CIVIL ENGINEERING**  
**CENTRE FOR TESTING & CONSULTANCY**  
**INAUGURATION OF CONCRETE CLUB**

Inauguration of Concrete Club was held on 09.01.2023. The function was inaugurated by Honourable Chief Guest Thiru V.Thiruvankadam and Our Principal Dr N.Thangavelu. The function was started at 12:30PM.

Our Chief Guest with our Principal visited the Concrete Models like flower pots, shell roof model, Timber Models with different types of timbers, Steel rods with various sizes are fabricated by students and the banners about Important places in Erode, Stanley Reservoir (Mettur Dam) in Salem, and Bhavani Sagar Dam, Erode. Our chief guest congratulates our students for their effort towards the model fabrication and felicitated the gatherings.



## **SPECIAL FEATURES OF CONCRETE CLUB:**

- Motivation of students to create concrete models
- Production of Innovative materials
- Organizing events through alumni and other sponsorships
- Creation of awareness about the future scope of Civil Engineering
- To know Engineers role in infrastructure development of our country

## **CONCRETE CLUB INAGURATED BY OUR BELOVED CORRESPONDENT**



## FACULTIES OF CIVIL ENGINEERING WITH CORRESPONDENT



## DISPLAY BOARDS AND MODELS BY OUR CIVIL STUDENTS

### BHAVANI SAGAR DAM, SATHYAMANGALAM

Biggest Earthen Dam in Tamilnadu.

**LOCATION:** Erode district, Tamilnadu, India.  
**NAME OF THE RIVER:** Bhavani river.  
**COORDINATE:** 11.4710° N, 77.1143° E  
**YEAR OF CONSTRUCTION:** 1948

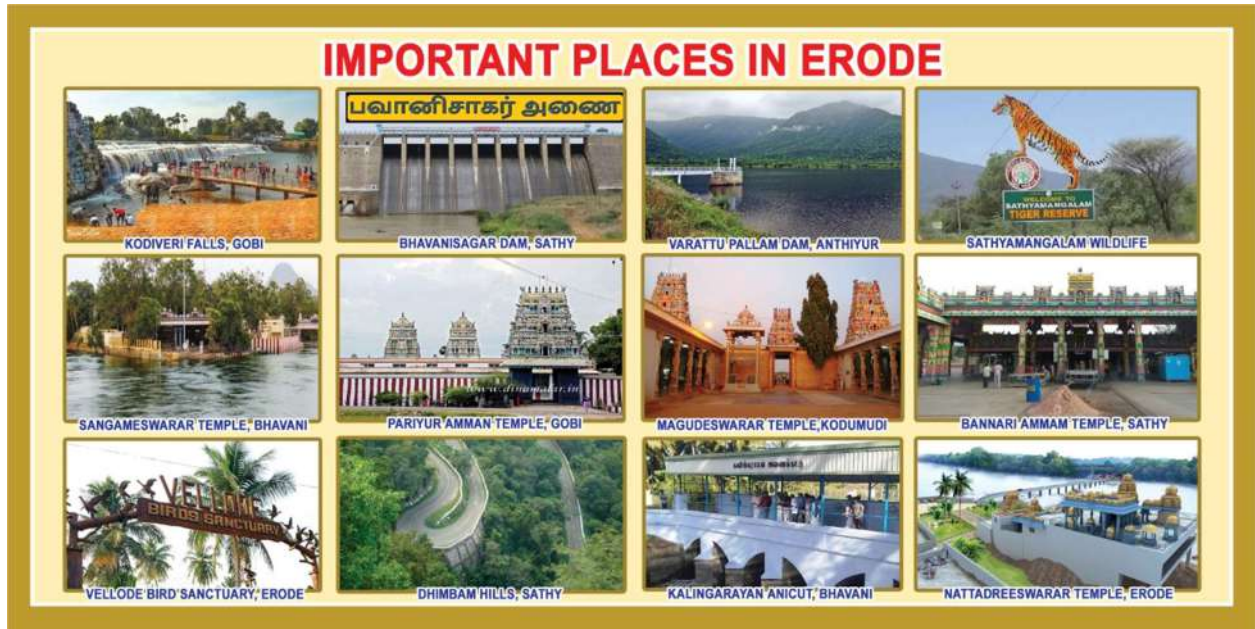
BHAVANISAGAR DAM

பவானிசாகர் அணை

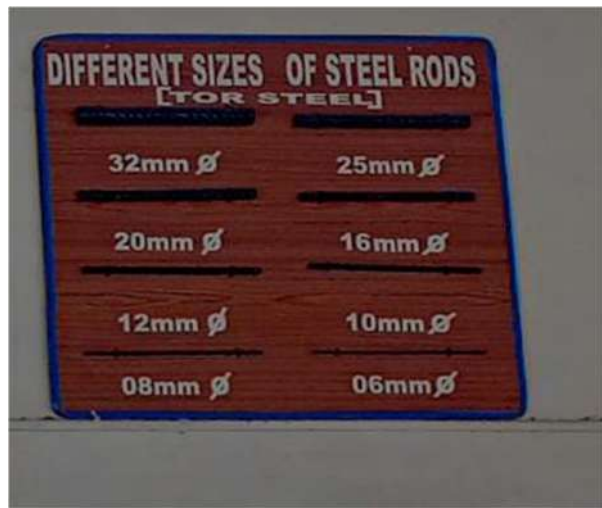
HYDRAULIC PARTICULARS

<b>Reservoir :</b>	
Catchment Area at Dam site	: 4199.67 sq.km
Full Reservoir Level	: 278.892 m
Gross Storage Capacity at FRL	: 926.78 MCM
Reservoir Spread Area at FRL	: 76.76 sq km
<b>Dam :</b>	
Type	Composite Dam
Total length of the Main dam	: 8780.21m
Length of Embankment dam	: 8316 m
Length of Masonry / Concrete dam	: 464.21 m
Height of Embankment Dam above deepest foundation level	: 62.18 m
<b>SPILLWAY</b>	
Type of spillway	: Ogee
Length of Spillway	: 120.70 m
Number of bays	: 9
Total Discharge Capacity at MWL	: 3282.40 cumec
<b>DISTRICT</b>	
Hydro Power installed Capacity	: 16MW
Date of Starting the Construction	: 07.01.1948
Date of Completion	: 19.08.1955
Maximum adserved flood	: 2939 cumec
Peak and dateand	: 03.07.1961

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**Team of Concrete Club:**

1. Dr.R.Shanmugam  
HOD (i/c)/ Civil - Advisor
2. Ms.S.Kavibharathi  
Lecturer / Civil - Faculty Incharge
3. Mr.V.Manimuthu  
Workshop Instructor /Civil - Coordinator

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