



**SCSVMV**

---

**DEPARTMENT OF CIVIL AND STRUCTURAL  
ENGINEERING**

---

**INDUSTRIAL VISIT REPORT**



**MARCH 2, 2024**

**SATHYAMOORTHY SAGAR RESERVOIR**

**POONDI, THIRUVALLUR DISTRICT**



# **DEPARTMENT OF CIVIL AND STRUCTURAL ENGINEERING**

## **INDUSTRIAL VISIT REPORT**

### **SATHYAMOORTHY SAGAR RESERVOIR, POONDI**

**DATE: 02.03.2024**

The Department of Civil and Structural Engineering organized a site visit to Sathyamoorthi Sagar Reservoir, Poondi, on March 2, 2024. It is about 72 kilometers from Kanchipuram. It is located in Thiruvallur district, Tamil Nadu. It is one of the main sources of water for Chennai city. It is a huge reservoir with an area of about 121 square miles. The University bus started from the college at 8.10 a.m. on the SCSVMV campus and reached Poondi at 10.40 a.m. Five students and 14 staff members visited the reservoir. The visit was organized by the Head of the Department Dr. R. Sumathi.

The visit was guided by Er.J.Agilan, M.E., Assistant Engineer, WRD, irrigation section Poondi division. He explained with the help of the plan available at his office. The Poondi reservoir dam was built in 1944 along with the hydrology research institute, which is the first research institute for hydrology in India. The site visit started with a brief introduction of what is a reservoir and types of reservoirs and the source from where the water comes to Poondi. The reservoir receives its water supply from Nagariyar and Nandhiyar originated from Andhra Pradesh. The depth of water in the reservoir is 33ft. From Poondi the water is taken to Koovam and Chembarambakkam lakes.

He explained the operating system how the water to be taken from the upstream to the downstream side of the reservoir and also, he cleared all the doubts raised by the students. The site visit was very useful for us to gain the knowledge about the structures. HOD, staffs and students thanked the Assistant Engineer and started from the reservoir by 1.40 p.m.



Group Photo taken with University bus at Poondi



Entrance at Poondi Reservoir



Mr.J.Agilan, M.E., explained about the reservoir at his office



Students cleared their doubt with AE



Dial gauge for measuring the depth of flow



Explanation by AE



Counter weight arrangement

The following students and staff members visited the Reservoir on 2<sup>nd</sup> March, 2024.

Sl.No	Register Number	Name of the Student	Year/ Sem
1.	11209K001	Balagam Devi Sri Sharan	IV/VIII
2.	11209K003	K.Srilekha	IV/VIII
3.	11209K004	S.Prabhakaran	IV/VIII
4.	11219K001	Mulumidi Vinayaka Venkata Varun	III/VI
5.	11229K001	Bestharalli Kakaraparthi Naga Sai	II/IV

S.No	Name of the Faculty	Designation of the Faculty
1.	Dr. R.Sumathi	Assistant Professor-II/ HOD i/c
2.	Dr.G.Kesavan	Assistant Professor-III
3.	Mr.K.Vasu	Assistant Professor-III
4.	Dr.P.Meenakshi	Assistant Professor-II
5.	Dr. M.SureshKumar	Assistant Professor-II
6.	Mr.V.John Sundarraj	Assistant Professor-II
7.	Mr. M.Dinesh	Assistant Professor-II
8.	Mr.M.Vimalanathan	Assistant Professor-I
9.	Mrs.P.Punitha	Assistant Professor-I
10.	Mr. R.Raveendiran	Sr. Lab Instructor
11.	Mr.D.Elangovan	Lab Instructor
12.	Mr.J.Jaisankar	Lab Instructor
13.	Mr.S.Madhanagopal	Lab Instructor
14.	Mr.D.Thavamani	Lab Instructor

