

# BEARYS INSTITUTE OF TECHNOLOGY, MANGALORE



## DEPARTMENT OF CIVIL ENGINEERING

7<sup>th</sup> SEM

Industrial Visit



To get practical knowledge and to give an insight about the way things work in the real life scenario, students of 4<sup>th</sup> year Civil engineering, Beary's Institute of Technology, Mangalore visited Mysore and Wayanad from 29<sup>th</sup> march 2022 to 31<sup>st</sup> March 2022 as a part of an Industrial visit, assisted by 3 faculty members Prof.Althamashuddin Khan, Prof. Shareefa R Nadaf and Prof. Safwan. A group of 32 members of Beary's Institute of Technology, Mangalore (3 Faculty members & 29 Students) visited KRS Dam, Mysore on 29<sup>th</sup> March 2022, BRL brick industry and Mysore Palace on 30<sup>th</sup> March 2022 and Banasura sagar dam Wayanad and Markaz knowledge city on 31<sup>st</sup> March 2022.

**Details of Industrial Visit are as below:**

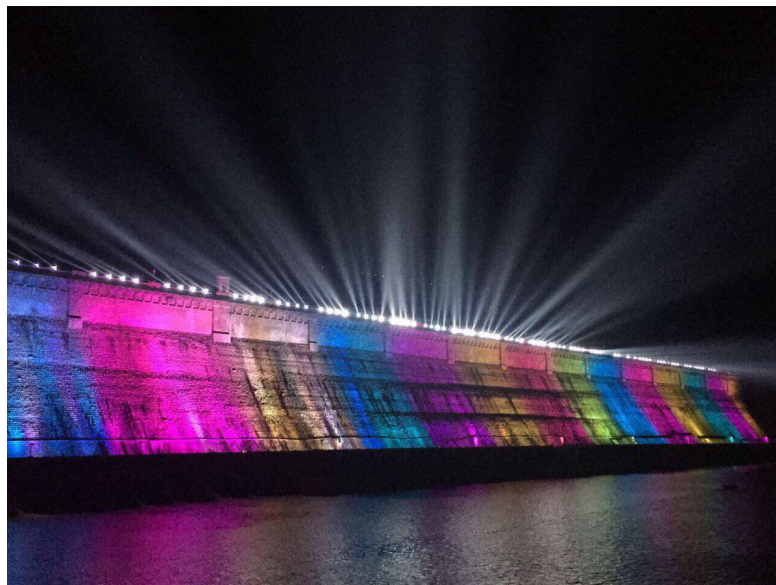
**1) KRS Dam Mysore, Karnataka.**

Date of Visit: 29<sup>th</sup> March 2022

Faculty during visit: Prof.Althamashuddin Khan, Prof. Shareefa R Nadaf and Prof. Safwan

**Observations made during the visit:**

KRS dam is a gravity dam made of surki mortar named after Krishnaraja Wodeyar IV of Mysore, this dam is built over the River Kaveri; near to the conjunction of three rivers namely, Kavery, Hemavathi & Lakshmana Thirtha. A major source of drinking water for Mysore and Bangalore city, KRS dam is also one of the main sources of irrigation water for Mandya and Mysore. With a length of 3 km, this dam also boasts of being the first irrigation dam of India. One of the architects of the dam was Chief Engineer of Mysore M. Visvesvaraya. There is an ornamental garden, Brindavan Gardens, attached to the dam.



**KRS Dam Mysore**



**2) ConPro Brick Industry Mysore, Karnataka.**

Date of Visit: 30<sup>th</sup> March 2022

Faculty during visit: Prof. Altamashuddin Khan, Prof. Shareefa R Nadaf and Prof. Safwan

**Description:**

ConPro Brick industry in Hebbal, Mysore is a renowned Brick and Paver manufacturer in Mysore.





### 3) Mysore Palace, Karnataka

Date of visit: 30<sup>th</sup> March 2022

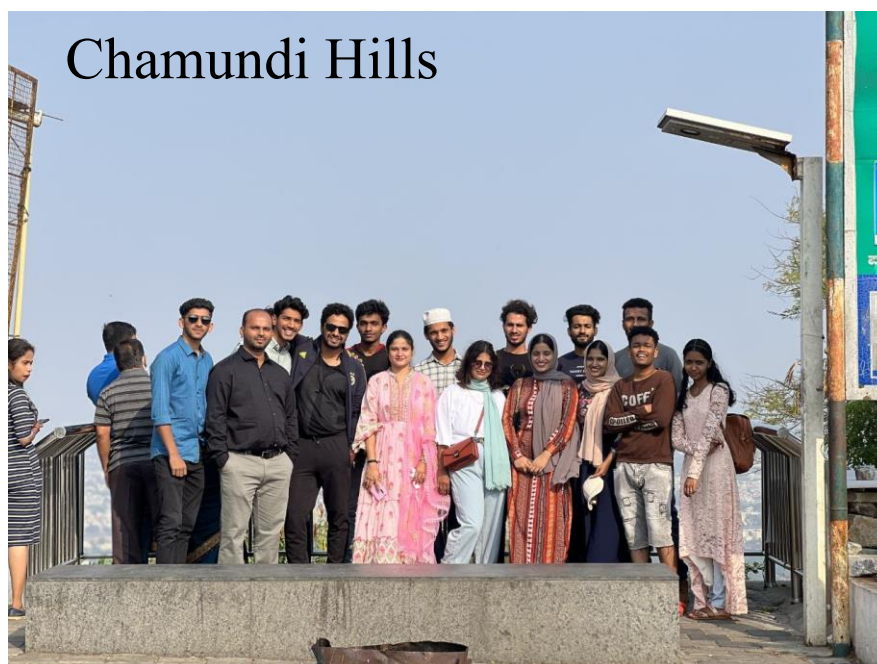
Faculty during visit: Prof. Althamashuddin Khan, Prof. Shareefa R Nadaf and Prof. Safwan

#### Description:

The Mysore Palace, also known as Amba Vilas Palace, is a historical palace and a royal residence. It used to be the official residence of the Wadiyar dynasty and the seat of the Kingdom of Mysore. The current structure was constructed between 1897 and 1912, after the Old Palace burnt down, the current structure is also known as the New Fort. Mysore Palace is one of the most famous tourist attractions in India, with more than six million annual visitors.







#### 4) Banasura sagar dam Wayanad, Kerala

Date of visit: 31<sup>st</sup> March 2022

Faculty during visit: Prof. Althamashuddin Khan, Prof. Shareefa R Nadaf and Prof. Safwan

##### **Description:**

Banasura Sagar Dam, which impounds the Karamanathodu tributary of the Kabini River, is part of the Indian Banasurasagar Project consisting of a dam and a canal project started in 1979. The goal of the project is to support the Kakkayam Hydro electric power project and satisfy the demand for irrigation and drinking water. The dam has a height of 38.5 metres (126 ft) and length of 685 metres (2,247 ft). It is the largest earthen dam in India and the second largest earthen dam in Asia. The dam is made up of massive stacks of stones and boulders.

Year of completion : 2004

Name of Project : Kuttiady Augmentation Scheme

Purpose of Project : Multi purpose

Type of Dam : Homogeneous rolled earth fill

Maximum Water Level (MWL) : EL 775.60 m

Full Reservoir Level ( FRL) : EL 775.60 m

Storage at FRL : 209.25 Mm<sup>3</sup>

Height from deepest foundation : 38.5 m ( Height from bed level)

Length : 685.00 m

## Banasura Sagar Dam



#### 4) Markaz knowledge city, Kerala

Date of visit: 31<sup>st</sup> March 2022

Faculty during visit: Prof. Althamashuddin Khan, Prof. Shareefa R Nadaf and Prof. Safwan

##### **Description:**

Markaz Knowledge City is a private, planned city built near Kozhikode in Kerala. The foundation stone for the project was laid on 24 December 2012. Sheikh Abubakr Ahmad is the chairman of the city and Abdul Hakeem Azhari is its Managing Director.

Spread over 125 acres of lush greenery, the Markaz Knowledge City is one of the enormous projects in South India, located at Kaithapoyil. Markaz Knowledge City is conceived as an Integrated Township providing infrastructure for high class Academic Institutions, Residential facilities, Health & Hospitality facilities, Recreation & Leisure facilities and Commercial facilities intended to promote the city as a centre of international excellence – An Integrated Township for LEARNING, LIVING & LEISURE.

The CITY concept is developed by integrating the very core aspects of life Learn, Work, Live, & Leisure. This is a city where children can walk to school, people can walk to their office and business establishments enjoy the most modern commercial comforts.





Markaz Knowledge City



Session with Talenmark Director Habeeburahman

**Sincere Thanks**

We are extremely grateful to Principal, for having given us this opportunity. Also we would like to extend our gratitude to HOD, faculties of the Civil Engineering department and physical director Safwan sir for making it possible. This trip was immensely useful to us for gaining knowledge on different Civil Engineering Structures and Architectural monuments.