



Learn Beyond

KPR Institute of Engineering and Technology

(Autonomous, NAAC "A")

Avinashi Road, Arasur, Coimbatore.

Phone: 0422-2635600**Web:** kpriet.ac.in**Social:** kpriet.ac.in/social**ACI009****NBA Accredited**
(CSE, ECE, EEE,
MECH, CIVIL)**FIELD TRIP TO ISHA YOGA - A TECHNICAL VISIT**

Event No	ACI009
Organizing Department	American Concrete Institute
Associate Dept. NSC	Civil Engineering
Date	13/04/2023
Time	09:00 AM to 03:30 PM
Event Type	Club Activity
Event Level	Dept. Level
Venue	Outside the campus
Total Participants	47
Faculty - Internal	4
Students - Internal	43

Related SDG**Involved Staffs**

Sl	Name	Role
1	Meenakshi B S	Convenor
2	Elavarasan S	Co-convenor
3	Maruthi Venkatesh K	Coordinator

Outcome

Know about the heritage construction method.

The visit helped our students to use innovative Constuction materials without a conventional materials like concrete and RCC

Students learnt the basic yoga methods

Event Summary

Department of Civil Engineering KPR Institute of Engineering and Technology in association with ACI students chapter organize the one day site visit to ISHA YOGA Coimbatore on 13.04.2023. The structure consists of 3 types of Indian architecture, builders made use of traditional material to build their complex ancient construction like ahiyogi, dhiyanalinga and linga bhiravi temple. The dome was placed brick by brick in rings. Modern architectural and ancient methods — including individual parts, even entire building systems. Architecturally, the Dhiyanalinga dome is very unique. Each brick was soaked in water for 24 hours to ensure they were fully burnt. Unburnt bricks will just melt away if they are kept in water. Those that do not melt in 24 hours are properly burnt, and their life span is forever. Usually, domes are semi-circular like in the Taj Mahal or Gol Gumbaz, but this dome is an elliptical dome. To make a section of an ellipse stand the way it is standing without the use of any steel, concrete, or cement they used only bricks. The Isha Yoga Center is a seismologically sensitive area, so we built the dome on a sand foundation. They just dug twenty feet deep and filled it with sand, so it acts like a cushion. It just absorbs any reverberation. This site visit gave us a chance to experience and learn what cannot be gained during lectures or tutorials. One of the first things that we have learnt is understanding the importance of heritage construction. The visit helped our students to use innovative Constuction materials without a conventional materials like concrete and RCC. Students were engaged with the basic yoga programme which is the pre yoga program of Isha.

*** END ***