

**ALVA'S INSTITUTE OF ENGINEERING AND TECHNOLOGY**

**Shobhavan Campus, Mijar, Moodbidri - 574225**

(Affiliated to Visvesvaraya Technological University, Belagavi)

Approved by AICTE, New Delhi & Recognized by Government of Karnataka)



**ALVA'S**  
Education Foundation®

A Report on Activities Under MOU at

**DESIGN HUB**

**INDIA, BANGALORE**

**DESIGN**  
**HUB**

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# **MEMORANDUM OF UNDERSTANDING (MoU)**

**BETWEEN**

**DEPARTMENT OF CIVIL ENGINEERING  
ALVA'S INSTITUTE OF ENGINEERING AND TECHNOLOGY,  
Moodbidri, Dakshina Kannada, Karnataka, India (AIET)**



**AND**

**DESIGN HUB-INDIA**

**Bangalore, Karnataka, India (DHI-B)**

**Design Hub-INDIA**

**EXPLORE-DESIGN-EVOLVE**

**MEMORANDUM OF UNDERSTANDING (MoU)**  
**BETWEEN**  
**ALVA'S INSTITUTE OF ENGINEERING AND TECHNOLOGY, MOOBBIDRI**  
**(AIET)**  
**&**  
**DESIGN HUB-INDIA, Bangalore (DHI-B)**

This MoU is entered between **ALVA'S INSTITUTE OF ENGINEERING AND TECHNOLOGY, MOOBBIDRI** and **DESIGN HUB-INDIA, Bangalore** on this day, the 9<sup>th</sup> January 2021.

**Objective of MoU:** Fostering and Mentoring Civil Engineering students to enhance their skill sets in the exclusive domain of Architecture.

Alva's Institute of Engineering and Technology, Moodbidri is a premier Institution affiliated to VTU and offering courses in a variety of Engineering disciplines like Civil, Computer Science, Electronics & Communication, Information Science, Mechanical and also MBA.

DESIGN HUB -INDIA, Bangalore is an extra-curricular wing of the prestigious RNS School of Architecture involved in providing value addition to the teaching-learning experience in Architectural Education. They organise workshops, lectures, International student exchange programmes and internship placements for students of Architecture and Civil Engineering.

**WHEREAS**

A. Alva's Institute of Engineering and Technology has invited Design Hub-India, Bangalore to be the academic partner for the "Certification Course in Architecture for Civil Engineering Students".

B. Design Hub-India, Bangalore have hereby agreed to the proposal in principle and will be involved with AIET in enhancing the value of course by providing the following services:

1. Providing academic support towards conducting the various Architectural components of the syllabus as per Annexure -1.
2. Assessing the students on the basis of their assignments undertaken and awarding a certificate of Merit to the participants.
3. Organising Model making workshops in a wide variety of media.
4. Providing intensive training in Computer-Aided Design & Drafting (CADD).
5. Providing specialised workshops like construction of GEODESIC DOMES designing of Green buildings, etc.,
6. Assisting in arranging for Intensive Internships with Architectural firms in various cities in Karnataka.

7. Arranging On-site workshops in specialised designing like resorts and club-house for various climatic zones.
  8. Arranging curated tours to places of Architectural interests in India and abroad.
- C. The remuneration for the various activities proposed to be conducted will be mutually agreed upon by representatives of AIET & DBI-B on a case to case basis based on the number of participants.
- D. DBI-B will also send invites to students & faculty of Civil Engineering, AIET to participate in their various activities like National & International Tours, Workshops, etc. as and when they are launched. The participation in these activities will be on an individual basis on a "Pay-and-enrol" basis. If students from AIET form a major part of the participants, then the costs could be considerably subsidised depending on the group size.
- E. This MoU will be valid for a period of two years from the date of signing.
- F. On expiry of validity of the MoU both parties can further extend the MoU with mutual consent.

The parties are mutually convinced that the desired objectives of the MoU are beneficial to the students of AIET.

In pursuance of the aforesaid, Alva's Institute of Engineering and Technology, Moodbidri agrees to collaborate with Design Hub- India, Bangalore. Therefore, the Parties hereto, wish to record in writing, the terms of their mutual understanding under this Memorandum of Understanding.

In witness whereof, the Parties hereto having been carefully gone through the contents of the Memorandum of Understanding (MoU) and have signed and put their seals on the aforesaid MoU and agreed to abide by the terms and conditions as laid down therein in totality have signed this MoU as of the day and year first above written.



Alva's Institute of Engineering and Technology



Design Hub- India

(Signatures of both the parties)

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Activity Report

on

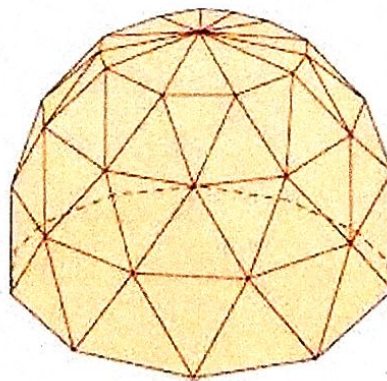
**ONE DAY WORKSHOP ON**  
**“GEODESIC DOME PROTOTYPE**  
**MODEL MAKING”**

**ONE DAY WORKSHOP ON  
"GEODESIC DOME PROTOTYPE MODEL MAKING"**

Department of Civil Engineering AIET Moodbidri, has conducted One day workshop on "GEODESIC DOME PROTOTYPE MODEL MAKING" For 5th sem students of Civil Engineering students of "Certification Course in Architecture 2020-21" on 17th Aug 2021, Resource person Ar. Sunil Kumar from Design Hub India Bangalore an Architecture.

**Geodesic dome**, spherical form in which lightweight triangular or polygonal facets consisting of either skeletal struts or flat planes, largely in tension, replace the arch principle and distribute stresses within the structure itself. It was developed in the 20th century by American engineer and architect R. Buckminster Fuller.

A geodesic dome may be supported by light walls, but unlike other large domes it can also be set directly on the ground as a complete structure. Large geodesic dome applications are sports arenas, theatres, greenhouses, and exhibition halls.



**GEODESIC DOME**



ALVA'S INSTITUTE OF  
ENGINEERING AND  
TECHNOLOGY -  
MOODBIDRI

**DEPARTMENT OF CIVIL ENGINEERING  
AND  
DESIGN HUB MANGALORE**

**CERTIFICATION COURSE  
IN ARCHITECTURE**

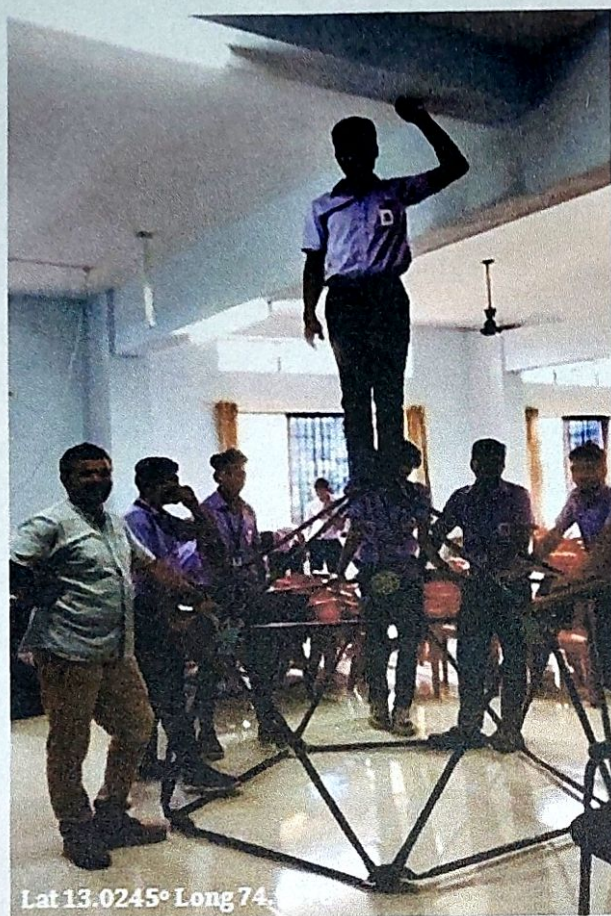
**ONE DAY WORKSHOP  
ON  
GEODESIC DOME PROTOTYPE**

**BY AR.SUNIL KUMAR**

**DATE 17 AUG 2021**

**VENUE:  
CIVIL ENGINEERING SEMINAR HALL**

**Workshop Invitation**



**Students building geodesic dome**



**Ar. Sunil Kumar receiving memento from Mrs. Veena D Savanth**

*[Signature]*  
 Dept. of Civil Engineering  
 Alva's Institute of Engg. & Technology  
 Mijar, Moodbidri - 574 225