

**Nirmaan Club
Event Details**

2. Archgami

Introduction:

This event will be based on parametric Design using origami paper. Participants would be asked to design their structures using paper/cardboard to make a model.

Team Size : maximum of 3

Time Duration: 1 day

Problem statement :

A shelter is a basic building block or structure that provides security in a local area. Old origami art is gaining new uses as a modern design tool. Origami gives researchers the ability to create flat-leaf structures that can be installed in a functional area but will not collapse if pierced. These types of projects can be useful in temporary shelters and residential areas, in the construction of buildings.

In this art, we begin to make the same structure/model of paper or cardboard before making the actual structure fully functional.

What we expect from participants:

We expect only paper or cardboard formations. Therefore, with the power of thinking and mathematical skills, draw and create a similar "folding / temporary living structure" using the art of origami.

Sponsorship companies -

1. Schneider electric
2. FLANDRE architectural surface
3. DELIUS world of textile
4. FATRA
5. QUARELLA
6. PERGO
7. EEGGER
8. BALSON
9. IDEAL STANDARD

10. TRY 60 MO YEARS
11. LAFARGE
12. GUARDIAN GLASS
13. HORNING floor for generation
14. RAKO
15. BENTZON CARPETS
16. KURARAY
17. DYSON
18. COOL EDGE
19. ZUMTOBEL
20. KVADRAT
21. COSENTINO
22. MANNI GROUP building future

Equipment required :

1. Use origami art , techniques only in creating structures.
2. For the model using only paper or cardboard paper.
3. Model demonstration will take place immediately with an online meeting and each group will be given 10 minutes.
4. Cutting tools like scissors , cutting knife with a mat
5. Scales and pencils

Overall budget :- 10K

Judging criteria:

- 1 structural stability
- 2 Aesthetic view
3. To the scale design
4. size