04

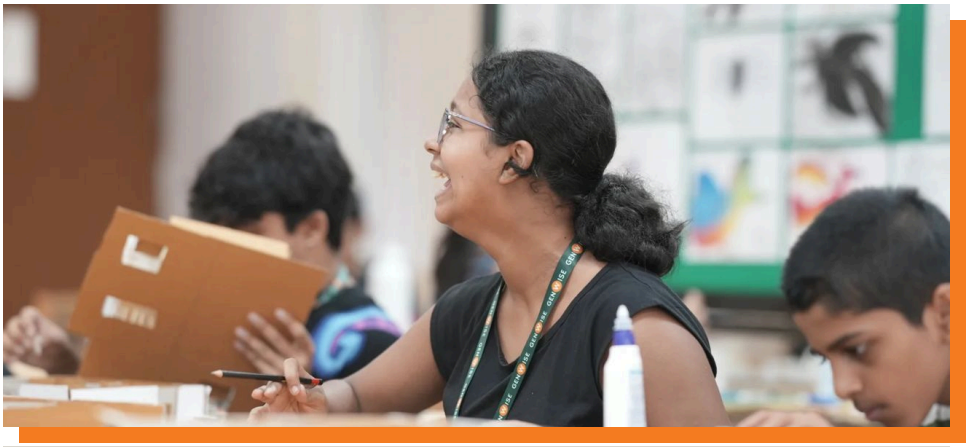
ARCHITECTURE & DESIGN

Blueprints & Beyond: Exploring Design & Architecture

How architects think: anthropometry, scale, structure — and the people who have to live in what you draw.

Students measure their own bodies to learn where scale comes from, draw and model a real heritage house, spend a day inside a working architect's studio, then design and build a space of their own from a brief about themselves. Taught by a practising architect and design researcher.

Last May: children modelled a traditional Kunjur Chowkimane house, visited it, then each designed and built a retreat with floor plans.



Taught by Bhavin Shukla, Architect & design researcher · MSc, Bauhaus Dessau · PhD candidate, CEPT.

Needs Drawing and model-making kit (supplied).

Facilitator	Bhavin Shukla
Duration	3 weeks
Teaching hours	90+
Grade	Grades 8–11 (as of 2027–28)
Needed	Drawing and model-making kit (supplied)

Week by week

01
Scale, and where it comes from

Measure each other to discover where every unit of measurement came from, then draw the room to scale with an architect's triangular scale.

- What makes a city
- Anthropometry
- Scale ratios and the triangular scale
- Measured drawing

02
Design, and a real building

How a single line can carry an emotion, then model a real heritage house in Kunjur, and visit the house itself, home to 62 people.

- Elements and principles of design
- Model-making: plans, floors, roofs
- Observational drawing and abstraction
- Field visit to the heritage house

03
The studio

A day inside a working architect's studio in Mangalore, then the final project: design and build 'A Retreat for the Self'.

- Studio visit and Q&A
- Empathy for the client
- Final project: A Retreat for the Self
- Model build and critique

How does this course help your child?

Innovative pedagogy

Studio teaching: draw, build, present, revise. Nothing is taught as theory without being measured, drawn or modelled straight away, and last summer students often skipped the snack break to keep building.

Academic acceleration

An early, real encounter with a design discipline most students meet only when choosing a degree – taught with the professional's own tools, vocabulary and critique.

Cognitive skillsets

- Spatial reasoning at scale
- Drawing to communicate
- Making and testing models
- Empathy, and taking critique

Peer networks

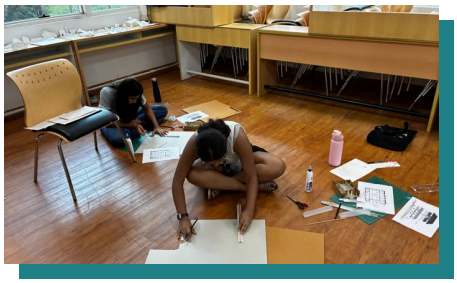
The studio makes the quiet ones talk: last summer, students who had barely spoken became the most vocal at the architect's office and in design critiques.

Questions to wrestle with

- **How can a simple line show emotion?**
- **Whose body decided how tall a step should be?**
- **What is this building trying to make you feel — and does it work?**







It ends with

A designed space — drawings and a built model — presented at the open day.

May program · 9–29 May 2027 · MAHE Manipal

Like every GSP course: three hours each morning, hands-on afternoons, a real artifact at the closing showcase, and one residential coach or teaching assistant for every five students.

Materials: A drawing and model-making kit (supplied at the program), including a triangular scale.

Apply and read more: summer.genwise.in · +91 81238 77635

Watch the course in a minute

youtube.com/shorts/g-QtdQufBtM