

Day 1 Saturday 18th September, 2021

Saturday 9 am-11am

1. FIRST MODULE

DESIGN & COMMUNICATION

Topics of Interactive Learning

2 hours Session



Course Convenors

Ar. Dipika Tuteja
Ar. Aman Sohal

- 1.Design Concepts – Visualization
- 2.Ability to express your idea- Communication Skills
- 3.Logical Reasoning (problem formulation, problem solving, decision making)
- 4.Relation between theory and practice

Saturday 11.30am – 2.30pm

2.SECOND MODULE

SUSTAINABLE PRACTICES

Topics of Innovative & holistic Learning

3 hours Session

Each Session is for 30 minutes

1.Introduction to Green Buildings & case studies – Ar. Sheetal

2.Future of Facades- Mr. Praveen Chaubey

3.Technical Presentation by  SAINT-GOBAIN



Mr. Harkirat Singh & Mr. Ankur Kumar

4.Water Efficiency –

Technical Presentation by  KOHLER. Mr. Amogh Bhole

5.Energy Efficiency- Mr. Puneet Bhatnagar

6.Technical Presentation on Solar by  JAKSON Mr. Manish Kumar

Day 2 Sunday, 19th September, 2021

Sunday 8.00am – 9.00am

2. THIRD MODULE

BIM & Revit

Topics for Mastering Industry Standard software tools

1 hours Session



Each Session is for 30 minutes

Course Convenors

Ar. Rina Sahay

Ar. Viva Devadas

1.Documentation technology – Course Convenor Rina Sahay

Important components of a document

2. Advanced Technology – Course Convenor Viveka Devdas

AR and VR

Sunday 9.00am-11.00am

4. FOURTH MODULE

SITE HANDLING & MATERIALS
Topics of Strategic project based learning

2 hours Session



Course Convenor

Ar. Vijay Tuteja

- 1.Site Analysis & levels management
- 2.Managing surface water

3. Water Balance chart
4. Challenges of Basements
5. Boundary wall & challenges of constructing on property line
6. Water Proofing & Podium level drainage
7. Relevance of water requirement & waste discharge from site
8. Fire Services requirements in buildings for Architects
9. Tall tower core design

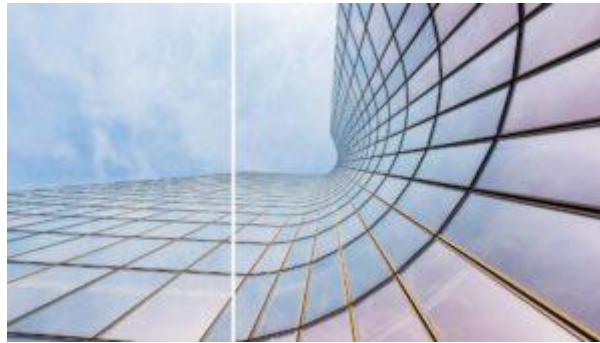
Sunday 11.30am- 1.30pm

5. FIFTH MODULE

UNDERSTANDING STRUCTURES

Topics for a deep rooted knowledge of structures

2 hours Session



Course Convenors

Dr. Maqsud E Nazar
Ar. Vijay Tuteja

1. Basics of Soil Engineering & Soil testing
2. Ability to understand structure drawings
3. Incorporate basic structure principles
4. Types of foundations

5.Columns vs Shear Walls

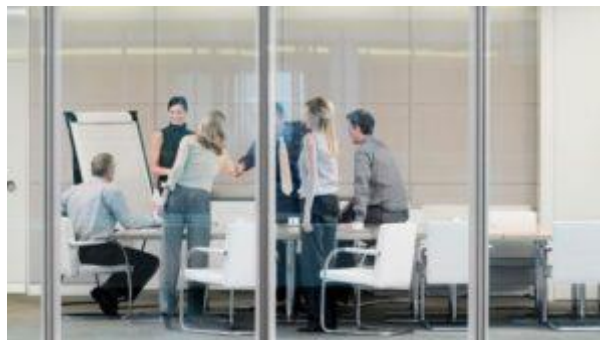
6.Piles types- precast driven, or bored

7.Earthquake impact- information for architects

8.Wind load impact on structures & curtain walls/glazing

9.Lap zones for steel

Sunday 4pm – 6pm
6. CLOSING SESSION
PRESENTATION BY THE STUDENT



- Final Presentation of your chosen Project
- **Top few Participants** who excel in communicating and include the learnings in their project will get profiled on **In AWE** magazine and get a chance to network with the panelists