Workshop Schedule

Day 1 01.06.2024 Saturday	8:45 am-10:00 am	10:00am - 11:30am	11.30am-1:00 pm	1:00 pm-2:00 pm	2:00pm-3:30pm	3.30-4.00 pm
	Introduction to Team By NICEE	Lecture 1 When the Ground Shakes! Dr. Hari Kumar	Lecture 2 Factors Affecting Earthquake loads on buildings Prof. Atanu K Dutta	LUNCH BREAK	Lecture 3 EQ resistant structural systems and building configuration Dr. Keya Mitra	QUIZ 1
Day 2 02.06.2024 Sunday	9:00am-10.30 am	10.30 am-12:00 pm	12.00 noon to 1.00pm	1:00 pm-2:00 pm	2:00pm -3:30pm	3.45-4.15 pm
	Lecture 4 EQ Codes and Design Philosophy Prof. Atanu K Dutta	Lecture 5 Building Add-Ons Dr. Vasudha Gokhale	Introduction to RESIST - Prof Andrew Charleson recorded lecture	LUNCH BREAK	Design Problem Design assignment Introduction Dr. Meera Shirolkar	QUIZ 2

	9.00 am to 1.00 pm	Lunch Break 1.00 to 2.00	2.00 pm to 8 pm
Day 3: 11.06.2024	1. Quiz 3 2. Discussion on Design Assignment & 3. Studio work commence		Continue with Studio work
Day 4: 12.06.2024	Continue with Studio work		Continue with Studio work
Day 5: 13.06.2024	Continue with Studio Work		Continue with Studio work
Day 6: 14.06.2024	Continue with Studio work		Studio work Complete till 6 pm Mock Presentations 6.00 pm – 8.00 pm
Day 7: 15.06.2024	Final Jury Reviews		

Please Note

1. IIT Kanpur Lab visit – post lunch 1 hr on Day 3
2. Each group will be assigned time slots to report on progress of their design assignments. Time between morning and evening slots is to be utilized for working on the design problem. The time slots for progressive work review will be generally as per the mutual convenience of the Resource Faculty Teams (RFT) and the Student Groups assigned to the RFT's.

	Lecture Details	Resource Faculty
LI	When the Ground Shakes! You will learn about why earthquakes occur, basic terminology, how earthquake ground motion induces earthquake loads in simple buildings, and how damaging earthquakes impact societies and communities.	Dr. Hari Kumar
L2	Earthquake effects on buildings You will get an Overview of Earthquake Resistant Structural Systems, the factors affecting earthquake loads in buildings, vis-à-vis how earthquake loads are transferred (load paths), and the role of building elements such as floor and roof diaphragms.	Prof. Atanu K Dutta
L3	EQ resistant structural systems and building configuration In this section you will be introduced to the conceptual design of buildings with RC shear walls, and Moment Resisting Frame Buildings, and best practices in Building configuration (plan and vertical plane).	Prof. Keya Mitra
L4	EQ Codes and Design Philosophy This lecture will focus on earthquake design philosophy and Code Requirements, Ductility of Moment resisting frames, and on issues of pounding and Seismic Joints.	Prof. Atanu K Dutta
L5	Building Add-Ons This important but often overlooked aspect of buildings will be dealt with in this two-part lecture with emphasis on the role of non-structural elements and unreinforced infill walls in RC frame construction.	Prof Vasudha Gokhale
	Introduction to RESIST & Design assignment Introduction	