



Department of Architecture

Course: MUD124; Urban Design Research Lab-I	Class: MUD I yr II SEM
Instructors: Dr. G.KartEEK	Internal Assessment: 50
	External Jury: 50
Contact Periods/ week: 3 periods, 1 Lecture + 2 Research	Total Marks: 100
Time Table: Tuesday 3 hours	Credits: 3
Attendance: Min 75% Min. Passing Marks: 40% each in Internal & External Assessment, 40% in Aggregate	

Objective:

The objective of urban form laboratories is to allow free experimentation and in-depth inquiry into the patterns and processes of urbanism as well as connected production of urban form and space. These laboratories are to provide platforms for inter/multi-disciplinary engagement of participants from varying backgrounds towards engaging with selected aspects of built environment conditions and/or project future scenarios of urban form.

The laboratories will conduct short or long duration design experiments/research programs that will be offered to students.

Out Line of the Course:

- The research topic/areas shall have direct linkage with the studio program.
- The lab is also aimed to provide research platforms for inter/multi-disciplinary engagement of participants from varying backgrounds towards engaging with selected aspects of built environment conditions and/or project future scenarios of urban form.
- The Lab will extend possibilities of self-driven explorations on urban form as also collective pursuits of design and allied explorations.
- The expected outcome might be in form of research publications on the explorations.

LECTURE PLAN

WEEK	WEEK/DATE	TOPIC OF CLASS LECTURE & DISCUSSION	TOPIC OF STUDIO WORK& ASSIGNMENTS / REMARKS
1	Week-1	Introduction to Urban Design Research	Lecture by Faculty
2	Week-2	<i>Identifying research topics</i>	Tutorial and discussions
3	Week-3	<i>Lecture session- Research, Types of research</i>	Lecture and Discussions on Tutorial exercises
4	Week-4	<i>Lecture session- Writing Abstract</i>	Lecture and Discussions on Tutorial exercises
5	Week-5	<i>Study Tour</i>	Scheduled as per Calendar
6	Week-6	<i>Study Tour</i>	Scheduled as per Calendar
7	Week-7	MID TERM Assignment Submission	Completion of Assessment- I
8	Week-8	<i>Discussions on Lab exercise</i>	Discussions on Tutorial exercises
9	Week-9	<i>Discussions on Lab exercise</i>	Discussions on Tutorial exercises
10	Week-10	<i>Lecture on "Writing Hypothesis and Referencing styles"</i>	Lecture and Discussions on Tutorial exercises
11	Week-11	<i>Discussions on Lab exercise</i>	Lecture and Discussions
12	Week-12	Review of Urban Design Research in India and abroad	Lecture and Discussions
13	Week-13	<i>Discussions on Lab exercise</i>	Discussions on Tutorial exercises
14	Week-14	FINAL DRAFT of Lab work	Lecture and Discussions on Tutorial exercises
15	Week-15	FINAL SUBMISSION of Research Assignment	Completion of Assessment- II
16	Week-16	<i>Submission of marks/Attendance and revision</i>	

S. No.	Stages of Evaluation	Weightage
1	Assessment-I (Mid Term)	40%
2	Assessment-II	100%
3	Internal Assessment	50
4	External Jury	50

Reference Books:

1. Batty, M. (2001). "Exploring isovist fields: space and shape in architectural and urban morphology," Environment and Planning B: Planning and Design 28, 123-150.
2. Becker, Lucinda M. (2015). Writing Successful Reports and Dissertations. Los Angeles. SAGE
3. Gaur, Ajai S (2011). Statistical Methods for Practice and Research: A Guide to Data Analysis Using SPSS. Response books, New Delhi
4. Hillier, B. & Hanson, J. (1984). The social logic of space. Cambridge: Cambridge University Press.

Source Instructors:
(Dr. KartEEK.G)

Head of Department: