

SEMESTER –III

COURSE: URBAN DESIGN STUDIO-III			
Course Code:	MAUD301	CIE Marks	50
Teaching hours /Week (L:P:SDA)	1:3:8	SEE Marks	50
Total Hours of Pedagogy	12	Total Marks	100
Credits	8	Exam Hours	Viva Voce
<p>Course Learning Objectives:</p> <ol style="list-style-type: none"> 1) The primary goal of the Integrated studio shall be to look at “urban design proposal” as a catalytic force in ensuring future growth with “design” content, yet feasible within the existing policy, economic and political frame work. 2) The objectives of the studio are; a) To understand and evolve policy level guidelines which ensure an imagined future physical scenario, b) To understand the process of evolving urban design guidelines c) To illustrate such guidelines with a multiuse facility. 			
<p>Studio Outline</p> <ol style="list-style-type: none"> 1. The chosen project shall be in an area of high potential in an identified urban environment. Project proposals shall be divided into two phases in which a policy and guideline evolution shall precede the actual design project. The project would involve a) identification of various stake holders and their role in policy level guidelines, and b) working and illustrating the economic feasibility and infrastructure development needed for implementation of proposal. 2. The project shall end in a detailed design of a group of buildings or (depending on the scale) an architectural project which illustrates the process of urban design as a necessary and inevitable need for architectural projects. 			
Teaching Learning Process	Lecture sessions, Site visits, Student presentations, Group discussions and presentation, Periodic Reviews, Workshops are part of the Teaching Learning Process		
<p>Assessment Details (Both CIE and SEE)</p> <p>Assessment Details (both CIE and SEE) The weight age of Continuous Internal Evaluation (CIE) is 50% and for Semester End Exam (SEE) is 50%. The minimum passing mark for the CIE is 50% of the maximum marks. Minimum passing marks in SEE is 40% of the maximum marks of SEE. A student shall be deemed to have satisfied the academic requirements and earned the credits allotted to each subject/ course if the student secures not less than 50% in the sum total of the CIE (Continuous Internal Evaluation) and SEE (Semester End Examination) taken together.</p> <p>Continuous Internal Evaluation: Continuous Internal Evaluation will be based on Internal Reviews, External Reviews and Final studio report and individual project Submission/VIVA VOCE</p> <p>Semester End Examination: Viva-voce: The viva voce shall be conducted for a duration of 20 minutes (per student) for the subjects listed under viva voce for all the semesters</p>			
<p>Suggested learning Resources</p> <ol style="list-style-type: none"> 1. The Kinetic City & Other Essays, Rahul Mehrotra, ArchiTangle GmbH; 2021 2. Public Places Urban Spaces: The Dimensions of Urban Design-Matthew Carmona 3. The Cultured Landscape: Designing the Environment in the 21st Century- Ken Fieldhouse and Sheila Harvey. 			
Web links and Video Lectures (e-Resources)	<ol style="list-style-type: none"> 1. https://www.youtube.com/watch?v=HBMIQZeXMiA 2. https://www.youtube.com/watch?v=sw9zpH717ts 3. https://www.youtube.com/watch?v=ys07tEScaSo 		

Skill Development Activities suggested

1. Study, research and place reading and representation techniques and the influence of urban Policy and guidelines on the city morphology.
2. Mapping the observation and inferring at region/city/precinct/built form scale
3. Skills that enable analysis and identify the Urban design issues and identify the stake holders
4. Ability to program urban design strategies, Design project along with economic feasibility and implementation strategies.

Course outcome (Course skill set)

1. Ability to study urban environment and its influence by policy and its ability to make positive effect on urban environment
2. Ability to demonstrate design skill and detail at built/space level.

At the end of the course the student will be able to:

Sl No	Description	Blooms level
CO1	Able to identify urban study which may find an opportunity to apply the policy and guidelines to generate better urban condition	IV
CO2	Engage with the place, people/stakeholders, method of data collection/documentation of the practices/parameters that influences the city and built fabric	V
CO3	Able to Identify issues/conflicts that influence city, precinct and typology	V
CO4	Able to generate UD strategies, economic feasibility and implementation strategies	IV
CO5	Urban Design intervention and design demonstration	VI

Program outcome of this course

Sl No	Description	POs
1	Ability to read relate to theme and the city	1,2,9
2	Ability to engage, interact and document the place and stakeholders	3,7,10
3	Able to generate strategies to address the UD issues and implementation strategies	4,6,10
4	Ability to demonstrate urban design solution	5,9

Mapping of CO s and PO s

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CO1	3	2	-	-	-	-	-	-	1	-
CO2	2	3	1			1	2	2	2	1
CO3	1	3	3	1	1	1	2	2	2	1
CO4	-	2	3	2	3	-	2	1	1	2
CO5	-	-	1	2	3	1	1	1	2	3
Average	1.2	2.0	1.6	1.0	1.4	0.6	1.4	1.2	1.6	1.4

Graduate attributes

Knowledge	Analytical skills	Application of research	Application of latest technology and tools	Generate design/solution	Ethics	Social concern	Environmental concern	Collaborative aptitude	Opportunity for continued learning
PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10

Mapping correlation	Low	Medium	High	No
	1	2	3	--

COURSE: DISSERTATION PHASE-I			
Course code:	MAUD302	CIE Marks	100
Teaching hours /Week (L:P:SDA)	1:1:2	SEE Marks	---
Total Hours of Pedagogy	4	Total Marks	100
Credits	3	Exam Hours	---
<p>Course Learning Objectives: A studio class where third semester students undertake various reading and writing exercises in the process of identifying and refining their dissertation topics.</p>			
<p>Outline:</p> <ol style="list-style-type: none"> 1. This course is intended to help students to arrive at a conceptual framework for their dissertation Phase-II in the IV semester. 2. The final product at the end of course shall be a proposal that provides a detailed dissertation proposal that consists of a working title, literature review, objectives, and study methodology. 3. The course will be run as a weekly four-hour seminar class with student presentations on issues related to their chosen dissertation topics. 			
Teaching Learning Process	Introduction to the course content through subject introduction, discussion, debate and presentation.		
<p>Assessment Details (Both CIE and SEE)</p> <p>The weight age of Continuous Internal Evaluation (CIE) is 100%. The minimum passing mark for the CIE is 50% of the maximum marks.</p> <p>Continuous Internal Evaluation: Continuous Internal Evaluation will be based on assignments, group or individual assignment/ presentation and submission.</p>			
<p>Suggested learning resources:</p> <ol style="list-style-type: none"> 1. Proceedings: 2nd IUDI National Urban Design Thesis Seminar 2010, held at CEPT University, Ahmedabad, 29th-30th October 2010 by compiled and edited by P.V.K. Rameshwar 2. Architectural Research Methods- by Linda N. Groat and David Wang 3. Writing your doctoral Dissertation –invisible rules for success –Rita S Brause 			
Web links and Video Lectures (e-Resources)	1. https://www.youtube.com/watch?v=r0MfpzITGrU		
<p>Skill development activities suggested</p> <ol style="list-style-type: none"> 1. Systematic approach in cataloguing the readings, references and bibliography. 2. Writing the dissertation synopsis 			

Course outcome (course skill set)

- able to theorize the urban design issues at different scale
- Able to understand the urban design project from beginning to end as comprehensive process as involving multi professional.

At the end of the course the student will be able to:

SI No	Description	Blooms level
CO1	Able to identify the literature of relevance and formulate broad research interest	IV
CO2	Able to understand various stages of making of Dissertation	IV
CO3	Able to theorize the urban design issues at different scale	IV
CO4	Able to formulate and structure the UD enquiry	V
CO5	Able to apply the understanding of UD issues/conflicts and select demonstration site/area/city	V

Program outcome of this course

SI No	Description	POs
1	Familiarization of existing literature and research on selected research direction	1,2,8,9
2	Formulate the study structure	2,7,9
3	Knowledge on existing subject research	3,7,8
4	Exposure to the making of UD enquiry	5,7,8,10

Mapping of CO's and Po's

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CO1	3	2	2	-	-	-	1	2	2	2
CO2	3	2	1	-	-	-	2	2	3	2
CO3	1	3	2	-	-	-	2	2	2	3
CO4	1	3	2	-	-	-	2	2	2	2
CO5	1	2	2	3	-	2	2	1	1	2
Average	1.8	2.4	1.8	0.6	-	0.4	1.8	1.8	2.0	2.2

Graduate attributes

Knowle dge	Analytic al Skills	Applicat ion of Researc h	Applicat ion of latest technol ogy/too ls	Generat e Designs /Solutio ns	Ethics	Societal Concer n	Environ mental concern	Collabo rative aptitud e	Opport unity for continu ed learning
PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10

Mapping Co-relation	Low	Medium	High	No
	1	2	3	-

COURSE: URBAN HOUSING			
Course code:	MAUD314A	CIE Marks	50
Teaching hours /Week (L:P:SDA)	3:0:0	SEE Marks	50
Total Hours of Pedagogy	3	Total Marks	100
Credits	3	Exam Hours	TW
<p>Course Learning Objectives: The course is an introduction to the policies, market, finance and delivery of housing to various segments of urban population. Basically, however it shall be an exercise in the design of a large-scale housing project either as a Greenfield project or an intervention into an existing fabric of the city.</p>			
<p>Course outline</p> <ol style="list-style-type: none"> 1. Evolution of housing policies in India, introduction to housing need; demand and supply process; estimation of housing need and demand; review of housing policies in various planning periods in India; Basic concepts in understanding housing markets; market price and valuation; policies which affect the housing market; review of existing housing finance and institution of housing finance. Concepts of housing layouts; issues of density, open spaces, community spaces and accessible open areas. House types and their implication on layout. Technology and delivery of housing; private and public role in housing market. Low income and marginal income housing schemes and institutions involved in the production. Design guidelines for marginal housing schemes for varied socio-economic groups. 			
Teaching Learning Process	Introduce each subsection through talk/presentation, case study and generate discussion through article reading		
<p>Assessment Details(CIE and SEE) The weight age of Continuous Internal Evaluation (CIE) is 50% and for Semester End Exam (SEE) is 50%. The minimum passing mark for the CIE is 50% of the maximum marks. Minimum passing marks in SEE is 40% of the maximum marks of SEE. A student shall be deemed to have satisfied the academic requirements and earned the credits allotted to each subject/ course if the student secures not less than 50% in the sum total of the CIE (Continuous Internal Evaluation) and SEE (Semester End Examination) taken together.</p> <p>Continuous Internal Evaluation: Continuous Internal Evaluation will be based on presentation, interaction and submission.</p> <p>Semester End Examination: Term Work be conducted</p>			
<p>Suggested learning resources:</p> <ol style="list-style-type: none"> 1. Kavita Datta and G.A.Jones Housing Finance in developing countries, Routledge, London. 2. Cedric Pugh Housing and Urbanization, Sage Publications, New Delhi. 			
<p>Web links and Video Lectures(e-Resources):</p> <ol style="list-style-type: none"> 1. https://www.youtube.com/watch?v=M4ioHYkYT6E 2. https://www.youtube.com/watch?v=CexZxoiU2w8 3. https://www.youtube.com/watch?v=7dAckA1Ef-M 4. https://www.youtube.com/watch?v=0U05_UiRALU 			

Skill development activities suggested

1. To document the various housing and policies that influenced
2. Socio-cultural data for a specific settlement within the city to identify the spatial relation with housing and future need.

Program outcome of this course

Sl. No.	Description	POs
1	Able to illustrate evolution of housing in India	1,3,9,10
2	able to relate to the existing finance system related to housing	2,6,7
3	Socio economic influenced housing scheme and existing policies in India	4,8,10

Mapping of COs and Pos

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CO1	3	2	2	-	-	2	2	2	3	3
CO2	1	3	2	-	-	2	3	2	2	2
CO3	1	2	2	-	2	2	3	3	3	2
Avg.	1.6	2.3	2	-	.6	2	2.6	2.3	2.6	2.3

Graduate Attributes

Knowledge	Analytical skills	Application of research	Application of latest technology and tools	Generate design/solution	Ethics	Social concern	Environmental concern	Collaborative aptitude	Opportunity for continued learning
PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10

Mapping Co-relation	Low	Medium	High	No
	1	2	3	-

COURSE: POLITICS OF DEVELOPMENT			
Course code:	MAUD314B	CIE Marks	50
Teaching hours /Week (L:P:SDA)	2:0:0	SEE Marks	50
Total Hours of Pedagogy	3	Total Marks	100
Credits	3	Exam Hours	TW
Course Learning Objectives: To critically discuss the motives and actions of different actors of state and society in driving urban development and distribution of resources in the city.			
Course outline The course explores the impact of the intentions, conflicting interests, pressures and policies on the social and morphological dimensions of the city. Various issues pertaining to the role of different actors in shaping urban developmental projects are discussed, using papers and literature on those topics. Topics discussed in this weekly four hour class include public and private developmental project, design commissions, social planning and spatial planning and planning processes in Indian cities.			
Teaching Learning Process	Introduce each subsection through talk/presentation, case study and generate discussion through article reading		
Assessment Details(CIE and SEE) The weight age of Continuous Internal Evaluation (CIE) is 50% and for Semester End Exam (SEE) is 50%. The minimum passing mark for the CIE is 50% of the maximum marks. Minimum passing marks in SEE is 40% of the maximum marks of SEE. A student shall be deemed to have satisfied the academic requirements and earned the credits allotted to each subject/ course if the student secures not less than 50% in the sum total of the CIE (Continuous Internal Evaluation) and SEE (Semester End Examination) taken together.			
Continuous Internal Evaluation: Continuous Internal Evaluation will be based on presentation, interaction and submission.			
Semester End Examination: Term Work will be conducted			
Suggested learning resources: <ol style="list-style-type: none"> 1. Elizabeth Strom and John Mollenkopf (Eds), The Urban Politics Reader, Routledge Taylor & Francis Group,2004 2. Partha Chatterjee, The Politics of the Governed, New York: Columbia University Press, 2004. 3. Nandan Nilekeni: Imagining India, Penguin Press, 2009. 4. Champakalakshmi R ,Trade Ideology and Urbanisation in India, Oxford University Press, New Delhi, 1999 			
Web links and Video Lectures(e-Resources): <ol style="list-style-type: none"> 1. https://www.youtube.com/watch?v=mo3Gghkh49U 2. https://www.youtube.com/watch?v=tkXlu34naUE 			
Skill development activities suggested: <ol style="list-style-type: none"> 1. mapping of stake holders and their interest 2. project framework and stake holders interest mapping chronologically 3. project interest at larger scale and stake holders 			
<ul style="list-style-type: none"> • Program outcome of this course To critically analyze/understand the complexity of development/projects which involves not only stakeholders but also the conflicting interest 			

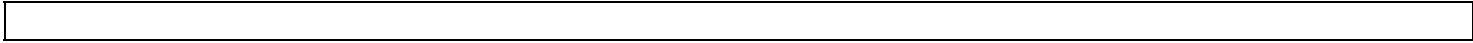
Mapping of COs and Pos

Sl. No.	Description	POs
1	Able to illustrate evolution of housing in India	1,3,9,10
2	able to relate to the existing finance system related to housing	2,6,7
3	Socio economic influenced housing scheme and existing policies in India	4,8,10

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CO1	3	2	2	-	-	2	2	2	3	3
CO2	1	3	2	-	-	2	2	2	2	2
CO3	1	2	2	-	2	2	3	3	3	2
Avg.	1.6	2.3	2	-	.6	2	2.3	2.3	2.6	2.3

Graduate Attributes

Knowledge	Analytical skills	Application of research	Application of latest technology and tools	Generate design/solution	Ethics	Social concern	Environmental concern	Collaborative aptitude	Opportunity for continued learning
PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10



COURSE: REAL ESTATE AND URBAN DESIGN			
Course code:	MAUD314C	CIE Marks	50
Teaching hours /Week (L:P:SDA)	3:0:0	SEE Marks	50
Total Hours of Pedagogy	3	Total Marks	100
Credits	3	Exam Hours	TW
Objective: Introduction to the various aspects of Real estate development and its influence on city and development.			
Urban Design and real estate-An Introduction -Introduction to the Role of Real Estate, real estate forces and its influence in making of region, city, neighborhood, block and street. Impact on built form and social, cultural and environmental nature of cities, Case studies .			
Real estate, society and urban development - land use and housing policies , development regulations and building codes, affordable housing, government regulations , ESG (Environmental, Social and Governance)criteria, case studies			
Real estate and finance and Law - Land law, Contract law – formation and terms, Leases – commercial, agricultural and residential, Easements, Tort (public nuisance, trespass and negligence) online consumerism,& <i>Property Rights and Ownership</i> &global flow of capital, land value, financing model, case studies.			
Real estate development and marketing: public private partnership, mortgage, bank loan and joint ventures, case studies .			
Real estate and entrepreneurship: new towns, new technology, smart building, case studies Case studies in Real estate development, development project			
Assessment Details (CIE and SEE) The weight age of Continuous Internal Evaluation (CIE) is 50% and for Semester End Exam (SEE) is 50%. The minimum passing mark for the CIE is 50% of the maximum marks. Minimum passing marks in SEE is 40% of the maximum marks of SEE. A student shall be deemed to have satisfied the academic requirements and earned the credits allotted to each subject/ course if the student secures not less than 50% in the sum total of the CIE (Continuous Internal Evaluation) and SEE (Semester End Examination) taken together.			
Continuous Internal Evaluation: Continuous Internal Evaluation will be based on assignments, presentation and submission.			
Semester End Examination: Term work			

Suggested learning resources:Books:

1. **Urban Design in the Real Estate Development Process: 46 (Real Estate Issues) by Steve Tiesdell and David Adams**
2. **Public and private spaces in the city-Ali madanipour**
3. **Real estate development and investment: A comprehensive approach –SP Peco**
4. **Land and the city: Patterns and process of urban change –Philip kivel**
5. **Land, development and design –Paul syms**
6. **Real estate principles-charles J Jacobus**
7. **Real estate modeling and forecasting –chris brooks, sotiristsolacos**

Web links and Video Lectures (e-Resources)	<ol style="list-style-type: none"> https://www.youtube.com/watch?v=xi6r3hZe5Tg https://www.youtube.com/watch?v=SB2SmlAVt8U https://www.youtube.com/watch?v=pyC9BqrEXso
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Skill development activities suggested

The following skills with respect to urban governance and project finance

- Critical Reading
- Cross discipline study
- Identifying other relevant perspectives

Course outcome (course skill set)

Students should be able proficient in

- Concepts of urban governance, overlapping of territory, various stakeholder and their role in the city
- Infrastructure and finance aspects of local administration.

SI No	Description(refer module outcome)5 module=5outcome	Blooms level
CO1	Introductory to real estate and city	V
CO2	Real estate and social relevance in access to housing	IV
CO3	Land related laws and its relevance in real estate	IV
CO4	Finance aspect of real estate	IV
CO5	New technology and future city	V

Program outcome of this course

Sl. No.	Description	POs
1	Able to identify various concepts of real estate and city	1,2,3
2	Able to understand the social concern related to housing	2,3
3	Able to apply the scope of Specific law related to land and built while design	3,4,7
4	Futuristic side of urban design and real estate and concerns to address	8,9,10

Mapping of COs and POs

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CO1	2	2	1	-	-	2	2	-	-	1
CO2	2	3	2	-	-	1	2	2	2	2
CO3	1	3	2	3	-	1	2	3	1	2
CO4	-	2	3	3	-	1	2	2	3	3
CO5	-	-	2	2	-	1	1	1	2	2
Average	1.0	2.0	2.0	1.6		1.2	1.8	1.6	1.6	2.0

Graduate attributes

Knowledge	Analytical skills	Application of research	Application of latest technology/tools	Generate design/solutions	Ethics	Social concern	Environmental concern	Collaborative aptitude	Opportunity for continued learning
PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10

Mapping correlation	Low	Medium	High	No
	1	2	3	-

COURSE: INDUSTRY INTERNSHIP

Course code:	MAUD385	CIE Marks	---
Teaching hours /Week (L:P:SDA)		SEE Marks	100
Total Hours of Pedagogy		Total Marks	100
Credits	7	Exam Hours	VIVA

Course Learning Objectives:

To serve as an introduction to the various dimensions of professional practice in an Architectural and Urban Design firm.

Outline:

1. The student is expected to work in an architectural and urban design firm handling the following types of projects; a) large scale architectural projects like college/university campus, industrial units, commercial complexes, housing complexes, entertainment complexes etc. involving a number of related buildings, site planning and landscaping, b) architectural projects with focus on heritage conservation in an urban area, c) urban infill projects and d) revitalization projects of decaying parts of the city.
2. The student is expected to familiarize himself/herself with the following; a) administration of office, b) soliciting and obtaining projects, c) client meetings, d) site visits, e) drawings and detailing and f) design process and presentation. For the viva examination, the following items need to be presented a) statement indicating the various types of works done by the student, b) drawings related to projects with which the student was associated c) photographs of project sites and d) any other material in support of student's involvement in the work.
3. The eight weeks (56 days) should immediately precede the commencement of regular course work of third semester.

Assessment Details(CIE and SEE)

The weight age for Semester End Exam (SEE) is 100%. The minimum passing mark for the SEE is 50% of the maximum marks. Minimum .

Continuous Internal Evaluation:

Semester End Examination: Viva-voce: The viva voce shall be conducted for a duration of 20 minutes (per student) for the subjects listed under viva voce for all the semesters