

<b>School of Planning and Architecture: Vijayawada</b>			
(An institution of National Importance under the Ministry of Human Resource Development, Govt. of India)			
Survey No.4/4, ITI Road, Vijayawada-520008, Andhra Pradesh, India			
Department of Architecture			
<b>Course:</b>	<b>MUD 111 Urban History, Theory and development</b>		<b>Class:</b> MUD I YEAR I SEM A.Y. 2023-24
<b>Instructors:</b>	<b>Mr. Deepak Kumar</b>		<b>Internal Assessment:</b> 50
			<b>External Theory Exam:</b> 50
<b>Contact Periods/ week:</b>	03 periods.(50 min each)		<b>Total Marks:</b> 100
<b>Time Table:</b>	Tuesday 09:00am-11:45am		<b>Credits:</b> 3
<b>Attendance:</b> Min 75%	<b>Min. Passing Marks:</b> 50% each in Internal & External Assessment, 50% in Aggregate		
<b>Objective:</b> The objective of the course is to equip students with required theoretical knowledge from the history, theory and development and provide an understanding of theories and the circumstances in which they evolved. It traces the historical path of urbanization as a process and examines the spatial correspondence between urban patterns through space and time and connected development paradigms focusing on pre-industrial settlements and urban centres, especially with regard to Asia and South Asia.			
<b>Learning outcome:</b> Students are equipped with an exposure of the historical evolution of urban settlements and connected development theories towards a clear understanding of the morphological dimensions of urban patterns and spaces.			
<b>LECTURE PLAN</b>			
<b>WEEK</b>	<b>DATE</b>	<b>TOPIC OF CLASS LECTURE &amp; DISCUSSION</b>	<b>ASSIGNMENTS / REMARKS</b>
1	Week-1	<b>Evolution of city form</b> Introduction to origin and evolution of cities: form and urbanism. Normative, positive theories; Cosmic, Machine & Organic Models; Descriptive & functional theories. Brief historical overview- ancient cities – Greece –Rome- medieval cities	Assignments in class(Sketch)
2	Week-2	Industrial revolution slums- City beautiful Movement- Garden City concept- world wars and aftermath on rise of modern cities- skyscrapers- New York city.	Assignments in class(Sketch)
3	Week-3	<b>Early cities: Global context:</b> Reconfiguration Paris, London, Vienna, Barcelona. Modernism, Modernity and ideal settlement form. American grid-iron planning-City Beautiful. Organic cities. CIAM IV and the zoned city.	Assignments in class(Sketch)
4	Week-4	<b>Debate and discussion on development versus growth</b> Theory of urban development- the notion of 'Development', theories of development.	
5	Week-5	Assessment I on cities (15 marks)	
6	Week-6	<b>Early cities: Indian context-</b> Indian notions of space from epics, literature and treatises. Temple towns and ports of Tamizhagam (Kanchipuram, Muziris). Medieval cities (Hampi, Jaipur). Mughal urban form (Shahjehanabad, Srinagar).	Lecture & discussion

7	Week-7	Early colonial settlements (Madras, Pulicat, Goa). Colonial space types and urban form (Calcutta, New Delhi, Darjeeling). Zoned cities (Bhubaneswar and Gandhi Nagar). Industrial towns (Jamshedpur). Zoned layouts (Anna Nagar-Chennai, Whitefield - Bengaluru). Globalization and Indian cities.	Lecture & discussion
8	Week-8	<b>MID SEM ASSIGNMENT (20 marks)</b>	
9	Week-9	<b>Urbanist theories:</b> Lynch's ideas of good city form and image-ability. Phenomenology - architecture of the city - responsive environments. Claire Cooper Marcus and behavioural studies. Theories of visual-artistic and socialist tradition - Cullen's townscape theories.	Lecture/Assignments in class(Sketch)
10	Week-10	<b>Socio-Economic change in India:</b> Overview of social and economic change in India. Evidences of socio-economic changes on urban patterns through time. Spatial Dimensions of Economic Thought. History of economic thought and spatial dimensions of economic thought.	Lecture/Assignments in class(Sketch)
11	Week-11	<b>Economic Thinkers-</b> Adam Smith, Karl Marx, John Stuart Mill, Thomas Robert Malthus, John Maynard Keynes, etc.	Lecture/Assignments in class
12	Week-12	<b>Great Depression of 1929:</b> Economic consequences, economic exigencies of the 2nd World War.	Lecture/Assignments in class
11	Week-13	Revision of the lecture and extra class if required	
12	Week-14	Discussion on the archival of the work done in report/book format	
13	Week-15	Archival of the work done in report format	
14	Week-16	<b>Marking on the archival of the work (15 marks)</b>	
<b>S. No.</b>	<b>Stages of Evaluation</b>		<b>Weightage</b>
1	First stage: Assessment –1		15
2	Second stage: Mid-semester Examination		20
3	Third stage: Assessment –3		15
	Total		50

**Reference Books:**

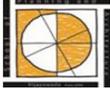
1. Alexander, Christopher; Sarah Ishikawa and Murray Silverstein, A pattern language: Towns, buildings, construction, New York, Oxford University Press, 1977
2. Bacon, Edmund. Design of Cities. London: Penguin, 1976
3. Barnett, Jonathan. An Introduction to Urban Design. New York: Harper Row, 1982
4. Broadbent, Geoffrey. Emerging Concepts in Urban Space Design. Abingdon: Taylor & Francis, 2003.
5. Carmona, Mathew et.al. Public Places Urban Spaces: The Dimensions of Urban Design. Oxford: The Architectural Press, July 2010
6. Correa, Charles. Housing and Urbanization. London: Thames & Hudson, 1999
7. Cullen, Gordon. The Concise Townscape. Oxford: The Architectural Press, 1978
8. Gosling and Maitland. Urban Design. New York: St. Martin's Press, 1984
9. Kostof, Spiro. The City Assembled. London: Thames & Hudson, 2005
10. Kostof, Spiro. The City Shaped. London: Thames & Hudson, 1991
11. Morris, A.E.J. History of Urban Form before the Industrial Revolution. Prentice Hall, 1996

**Course Instructors:**

sd/-  
(Deepak Kumar)

**Head of Department (I/C):**

sd/-  
(Dr. Uma Sankar Basina)



**School of Planning and Architecture: Vijayawada**

(An institution of National Importance under the Ministry of Human Resource Development, Govt. of India)  
Survey No.4/4, ITI Road, Vijayawada-520008, Andhra Pradesh, India

Department of Architecture

**Course:** MUD 112 Imagining Cities I-Cities in Literature, Visual Arts & Performing Arts **Class:** MUD I YEAR I SEM A.Y. 2023-24

**Instructors:** Mr. Deepak Kumar **Internal Assessment:** 50  
**External Theory Exam:** 50  
**Total Marks:** 100  
**Credits:** 3

**Contact Periods/ week:** 03 periods.(50 min each)  
**Time Table:** Monday 09:00am-11:45am  
**Attendance:** Min 75% **Min. Passing Marks:** 50% each in Internal & External Assessment, 50% in Aggregate

**Objective:** The objective of the course is to explore the representation of city narratives through diverse literary forms – prose, poetry, script, etc. from selected writings across the world, including Indian/Asian works.

**Learning outcome:** Students are exposed to a wide range of imaginaries and representations of the city through selected readings and discussions and through different media. This exposure forms the foundation of critical appraisal of urban patterns and city formations and leads to a deeper understanding of the city as context.

**LECTURE PLAN**

WEEK	DATE	TOPIC OF CLASS LECTURE & DISCUSSION	ASSIGNMENTS / REMARKS
1	Week-1	<b>Cities in Literature-</b> Contemporary definition of city & Semiotics: The comparative analyse and contrast between terms like Metropolis and Post-colonial city, Agency and Colonialism.	Sharing articles in class
2	Week-2	Punjabi Baroque and modernism, Hybridity and Diversity, Mimicry and orientalism, Urban design as creative Expression, Hasan Fathy and critical regionalism, idea of development.	Discussion based on the shared articles
3	Week-3	<b>City through Semiotics:</b> Meaning of semiotics using diagrams by Saus Sure and pierce. Icon, Index and Symbol. City from a semiotic perspective, semiotics of national pavilion.	Sharing articles in class
4	Week-4	Discussion based on the shared articles	
5	Week-5	<b>Cities in articles-</b> Global and Indian, Understanding how the expression of cities is changing in articles published by urbanists, architects, designers and planners. Examples are Taffe model in colonies	Delhi durbar and spectacle
6	Week-6	Global norms in urban forms in the age of tourism. Critique on representation of British dealings with India, Analysis and critique of articles published on India city example by Rahul Mehrotra, KT Ravindran etc, Planning mentality, Splintering Urbanism	Junkspace by Rem Koolhas, Memoir and the city
7	Week-7	Discussion based on the shared articles	

8	Week-8	<b>Art theories, art movement, public art festivals and urbanism</b> , Definition of art theories by critics and philosophers where subject of the art work is Urbanism	"way of seeing" by John Berger
9	Week-9	Mid Sem Assignment (20 marks)	
10	Week-10	Art movement depicting the character about the city and their impact on the context, like Cubism, Dadaism, Arte Povera, Land art, Surrealism etc.	Classwork on presentation on Cubism, Dadaism, Arte Povera, Land art, Surrealism etc.
11	Week-11	Initiatives, challenges and outcome of a public art festival from the perspective of an urban designers. Example Kochi Biennale, Documents and 48 degree Celsius.	Assignment on identification and analysis of other public art festival
12	Week-12	<b>Role of photography &amp; aesthetics in urbanism:</b> Photography as "a social rite, a defence against anxiety and a tool of power". Photography as national desire and how it has changed in the age of digital media.	Discussion on ' Susan Sontag perspective on photography and the world.
11	Week-13	Concepts of aesthetics and how it continue to impact social life and urbanism	Walter Benjamin's concept of "phantasmagoria".
12	Week-14	Revision and extra class if required	
13	Week-15	Archival of the work done in report format	Revision and discussion
14	Week-16	Archival of the work done in report format	Revision and discussion
<b>S. No.</b>	<b>Stages of Evaluation</b>		<b>Weightage</b>
1	First stage: Assessment –1		15
2	Second stage: Mid-semester Examination		20
3	Third stage: Assessment –3		15
	Total		50

**Reference Books:**

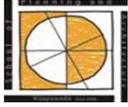
1. Hall Peter, Cities of Tomorrow, Blackwell publishing
2. Hall, Peter Geoffrey. 1980. Great planning disasters. Berkeley: University of California Press, 1996. Cities of tomorrow. Rev. ed. Oxford, UK: Blackwell.
3. Jacobs, Jane. 1961. The death and life of great American cities. New York: Vintage
4. Jacobs, Jane. 1969. The Economy of Cities. New York: Vintage Press.
5. Kostof Spiro (1992), City Assembled The Elements of Urban Form Through History, Bulfinch Press, 1999
6. Krier Rob, Urban Form and Space, Academy Editions, 1979
7. Lang Jon, The American Experience, Paperback 1994
8. Lang Jon, Urban Design, A Typology of procedures and products, The Architectural Press, 2005
9. Lynch Kevin, The Image of the city, MIT Press, 1960
10. Lynch, Kevin, Good City Form, MIT Press, Cambridge MA and London 1984
11. Between wonder, intuition and suggestions : Rasa in Ray by Say
12. Of other spaces: Utopia and Heterotopias by Michel Foucault in Architectural movement Continuete, October 1984
13. The rise of planning mentality in Dreaming the rational city; the myth of American city Planning by M. Christine Boyer
14. Why Planning failed by KT Ravindran
15. Splintering Urbanism, by Stephen graham & Sumon Marvin, 2003
16. Valorisation & Devalorization by Sasiki Sasen
17. Saskia Sassen and the Sociology of Globalization: A Critical Appraisal by William I. Robinson
18. The power of Place Urban Landscapes as Public History By Dolores Hayden
19. Fortified enclave: The new urban segregation, Teresa P.R. Caldeira
20. The condition of postmodernity by David Harvey
21. Whose city is it? Globalizations and the formation of new claims
22. Consuming tradition, manufacturing heritage- Global norms in urban forms in the age of tourism by Nezar AlSayyad
23. 'Can the Subaltern speak?' by Eleanor Ross
24. The builder by The Delhi by Khushwant Singh

**Course Instructors:**

sd/-  
(Deepak Kumar)

**Head of Department (I/C):**

sd/-  
(Dr. Uma Sankar Basina)



**School of Planning and Architecture: Vijayawada**  
 (An institution of National Importance under the Ministry of Education, Govt. of India)  
 S.No. 4/4, I.T.I Road, Vijayawada – 520 008, Andhra Pradesh, India

**Department of Architecture**

<b>Course:</b> MUD113; Urban Design Studio-I	<b>Class:</b> MUD I yr I SEM
<b>Instructors:</b> Dr. G.Karteek	<b>Internal Assessment:</b> 50
	<b>External Jury:</b> 50
<b>Contact Periods/ week:</b> 15 periods, 2 Lecture	<b>Total Marks:</b> 100
<b>Time Table:</b> Monday, Thursday and Friday	<b>Credits:</b> 15
<b>Attendance:</b> Min 75%	<b>Min. Passing Marks:</b> 50% each in Internal & External Assessment, 50% in Aggregate

**Objective:**

The studio is the introduction of the student to the realm of urban design. The objective is to expose them to the complexities of the design process. To create an understanding of the role of various physical, social, economic and infrastructural components and decision making processes; the contribution of related disciplines associated with the production of the city. The studio will also familiarize the student with urban design terminologies, methods of surveys and site analysis.

The design workshop will assist the students in acquiring skills of documentation, analysis and presentation of human networks urban design projects and typological studies. The workshop will include interactive seminar sessions with invited professionals who will demonstrate design development process of projects, their funding, management, implementation and any other relevant issues pertaining to design and development.

**LECTURE PLAN**

WEEK	WEEK/DATE	TOPIC OF CLASS LECTURE & DISCUSSION	TOPIC OF STUDIO WORK& ASSIGNMENTS / REMARKS
1	Week-1	Introduction to STUDIO OBJECTIVES and Startup Exercise on cities	Lecture by Faculty
2	Week-2	<i>Introduction of the STUDIO BRIEF</i>	Submission of Startup Exercise on cities
3	Week-3	<i>Delineation of study areas</i>	Presentation on Studio exercises (30 marks)
4	Week-4	Preliminary Work on City Level Analysis	Completion of Assessment- I
5	Week-5	City Level Analysis	Presentation on Studio exercises (20 marks)
6	Week-6	Study Tour	Study of selected precinct
7	Week-7	Studio Workshop - with Latvian Schools of Architecture on Ukranian Cities	Studio exercises
8	Week-8	Preliminary Work on AREA Level STUDY	Completion of Assessment- II
9	Week-9	<i>Workshop in "5 minutes City"</i>	Discussions on Tutorial exercises
10	Week-10	<i>FINAL presentation on AREA Level STUDY</i>	Lecture and Discussions on Tutorial exercises
11	Week-11	<i>ANALYSIS and INFERENCES</i>	Review and Discussions
12	Week-12	<i>Preliminary City Proposals and Draft Structure Plan</i>	Review and Discussions

13	Week-13	<i>Preliminary Design Proposals</i>	Discussions
14	Week-14	<i>FINAL URBAN Design Proposals</i>	Review and Discussions
15	Week-15	<i>FINAL INTERNAL JURY</i>	<i>Completion of Assessment- II</i>
16	Week-16	<i>Submission of marks/Attendance and revision</i>	<i>END OF SESSION</i>

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

**Reference Books:**

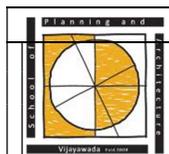
1. Bacon Edmund, Design of Cities, Thames and Hudson, London, 1974
2. Cliff Moughtin et al (2006): Urban Design Methods and Techniques, Architectural Press, London
3. Correa Charles, The New Landscape: Urbanization in the Third World, Butterworth Architecture 1989
4. Giedion. S, Space Time and Architecture
5. Hall Peter, Cities of Tomorrow, Blackwell publishing
6. Hall, Peter Geoffrey. 1980. Great planning disasters. Berkeley: University of California Press, 1996. Cities of tomorrow. Rev. ed. Oxford, UK: Blackwell.
7. Jacobs, Jane. 1961. The death and life of great American cities. New York: Vintage
8. Kostof Spiro (1992), City Assembled The Elements of Urban Form Through History, Bulfinch Press, 1999
9. Krier Rob, Urban Form and Space, Academy Editions, 1979
10. Lang Jon, The American Experience, Paperback 1994
11. Lang Jon, Urban Design, A Typology of procedures and products, The Architectural Press,2005

**Course Instructors:**

(Dr. Karteek.G)

**Head of Department:**

(Dr. Uma Sankar)



## School of Planning and Architecture, Vijayawada

(An institution of National Importance under the Ministry of Education, Govt. of India)

Survey No.4/4, ITI Road, Vijayawada-520008, Andhra Pradesh, India

### Department of Architecture

Course: MUD (114) THEORY	Class: MUD – I Year, I Sem (2023-24)	Coordinator: Dr. Prashanti Rao
Credits: 3 (1 lecture +2lab) 1lab hrs - Coordinator 2lab hrs - Guide	Contact Hours of Coordinator per week: 03 hrs (1L +2lab)	Time Table Wednesday, 09:00 AM-11:45 AM
Internal Assessment Marks: 50	External Theory Exam: 50	Total Marks: 100
Min. Attendance: 75%	Min. Marks: 40% both in Internal & External	

#### Subject Objective:

To develop skills that enable an urban designer to deal with ecology and biodiversity and large sites in a comprehensive manner from ecological considerations to the design of services and related infrastructure.

#### Lecture Plan:

Week No.	Date	Topic (Lecture/ Discussion/ Assignment)	Methodology/ Details
Week 01	23.08.2023	Importance of Ecology and Biodiversity in city design, Introduction to Site and Context	Presentation. Discussion
Week 02	30.08.2023	Site planning as 'process' and 'theory' – Objectives of site planning	Presentation. Discussion
Week 03	06.09.2023	Site resource systems Physiography Geology and soils Hydrology	Presentation. Discussion (GIS Lab)
Week 04	13.09.2023	Geology and Edaphic Parameters	Assignment-1 (Group Presentation)
Week 05		16-09-2023 to 23 -09-2023- <b>Field Trip for studio</b>	
Week 06	27.09.2023	Geological sample study	Visit APCOST- Regional Science Centre, Vijayawada
Week 07	30.09.2023	Micro-climate, Vegetation Wildlife, terrestrial and aquatic and Geographical settings, and siting	Climatology lab( For understanding Micro Climate)
Week 08	03-10-2023 to 07-10-2023	Mid-Semester Assessment.	Assignment-2 – Test (Question Paper)
Week 09	11.10.2023	Road layout and parking, Sewerage, water supply, and electricity.	Presentation. Discussion
Week 10	18-10-2023	Cultural resources	Presentation. Discussion
Week 11	08-11-2023	Site grading and drainage	Expert Lecture -Ms. Somaina Islary- Landscape Architect (Faculty, Department of Architecture, SPAV)
Week 12	15.11.2023	Site reconnaissance - Surveys and overlays	Assignment-1 – Local site visit and Survey -Report Submission and presentation (Group Assignment)
		Dusshera Vacation 20.10.2023 to 24.10.2023	
Week 13	22.11.2023	Ecological factors in site evaluation - processes, theories, and approaches	Presentation and Classroom discussion
Week 14	29.11.2023	Urban vegetation, planning & maintenance	Presentation and Classroom discussion
Week 15	02.12.2023	Micro Climate Region Case study for various region on Vijayawada	Assessment-3(Group Assignment- Presentation and Report Submission)

Evaluation			
Stage-1	Assessment-1	Geology and Edaphic Parameters Assignment-1(Group Presentation)	15
Stage-2	Assessment-2	Mid-Semester Assessment.	20
Stage-3	Assessment-3	Micro Climate Region Case study for various regions on Vijayawada (Group Assignment- Presentation and Report Submission)	15
End of Classes -02.12.2023			
<b>END SEMESTER EXAMINATIONS (4.12.2023- 16.12.2023)</b>			
<b>Learning Outcomes:</b>			
Students will be enabled to deal with varying site-based natural and ecological systems with reference to urban design projects and the city at large.			
<b>References:</b>			
1.B.C.Punmia, Ashok K. Jain, Ashok Kr. Jain, Arun Kr. Jain, “Surveying”, Vol.I, Firewall Media, 2005. 2. P.B.Shahani, “Text of surveying”, Vol. I, Oxford and IBH Publishing Co, 1980 3. Joseph De. Chiarra and Lee Copple man, “Urban Planning Design Criteria”, Van Nostrand Reinhold Co., 1982 4. Storm Steven, “Site engineering for landscape Architects”, John wiley & Sons Inc, 2004. 5. White, Edward T. Site analysis: Diagramming information for architectural design. Architectural Media, 1983. 6. Lynch, Kevin, Kevin R. Lynch, and Gary Hack. Site planning. MIT press, 1984. 7. LaGro Jr, James A. Site analysis: Informing context-sensitive and sustainable site planning and design. John Wiley & Sons, 2013.			
<b>Dr. Uma Shanker Basina</b> (Head of Department)		<b>Dr. Prashanti Rao</b> (Subject Coordinator) (SD)	