



WOMEN'S EDUCATION SOCIETY'S
SMT. MANORAMABAI MUNDLE
COLLEGE OF ARCHITECTURE
NAGPUR

**URBAN
DESIGN**

**ACADEMIC
BOOKLET**



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IN-CHARGES

Principal -
Dr. Ujwala Chakradeo

Course Co-Ordinator
Dr. Priya Choudhary

ODD SEMESTER 2020-21



**Dr. Ujwala
Chakradeo**



**Dr. Priya
Choudhary**



**Ar. Geevith
Raghavan**



**Dr. Roopal
Deshpande**



Ar. Ketki Tidke



**Ar. Anuradha
Bhute**



**Ar. Poornima
Deshpande**



**Ar. Tanvi
Burghate**

TEACHING FACULTY

ODD SEMESTER 2020-21

SECOND YEAR FACULTY

UDC 9 - Design Studio - III

Dr. Priya Choudhary, Ar. Givith Raghavan (Visiting), Ar. Poornima Deshpande, Ar. Tanvi Burghate

UDC 10 - Contemporary Urban Form -

Dr. Priya Choudhary, Ar. Poornima Deshpande

UDC 11 - Urban Renewal and Conservation-

Ar. Tanvi Burghate

UDC 12 – Landscape Design & Sustainable Development & EIA

Dr. Roopal Deshpande & Ar. Ketki Tidke

UDC 13 – Foundation Course (Project Management)

Dr. Ushoshi Guha, Ar. Poornima Deshpande

UDC 14 – Housing and Real Estate Developments

Ar. Anuradha Bhute

INTRODUCTION

Architecture is a noble profession and demands a set of dedicated personnel for creating an environment necessary to stimulate inquisitive urge amongst students to learn Architecture. Architecture is an Art and Science of built environment and plays an important role in the development of a nation. Supply of trained and skilled individuals to the society enhances the quality of environment and thus braces the National Policy.

Women's Education Society was established in Nagpur in the more than 80 years ago in 1932. Driven by the mission of holistic development of women, the members have always strived hard towards this goal. Thus as an integral part of the society Women's Education Society, has joined hands with the national policies of development of women.

The main objectives of the Society are:

To meet the needs of the Nation by providing human resources with required knowledge and skill.

To provide human resource which can effectively function in a variety of social, cultural, geographical, economic and technological needs of the nation.

To support the development of the nation with special emphasis on progress of women and establish their identity.

Vision

Our vision is to reach global standards by deliberate modernization without losing the essential characteristics of our tradition. Being a women's college we find it more pertinent to imbibe both these qualities very consciously in our girl students.

We wish to produce socially responsible architects with sensitivity towards social issues of immediate contexts, national concerns and global effects and positive and creative approach towards life.

Mission

To create an educational environment in which students are prepared to meet the challenges of a fast developing and changing world.

Hence the students are equipped with:

Up to date knowledge

Analytical and practical skills

Creative approach towards everything that they undertake

Attitude to be sensitive towards national, social and environmental issues

While addressing the global challenges we believe strongly in anchoring ourselves to the immediate context. We accept gratefully our role in preserving and enhancing Vidarbha and Nagpur- the place, its people and architecture

Core Values

- Integrity
- Discovery
- Discipline
- Creativity
- Collaboration
- Excellence
- Innovation
- Respect
- Diversity

Objectives

- To develop among students academic and Professional competency.
 - To foster value-based, creative and critical learning
 - To hone skills of living in a technological, globalized and ecologically aware environment
- To develop culture of commitment to excellence.

POLICIES FOR STUDENTS

Code of Conduct

Punctuality - It is mandatory for students to be punctual to the college and shall have to be present every day at 8.45 a.m. Every student is expected to attend the morning assembly. Attendance of the students will be taken at the time of assembly by respective class coordinators.

The attendance will also be taken at the beginning of the classes in the afternoon after lunch break. The record of attendance shall be displayed at the end of the month for students. Every student is expected to go through the displayed attendance and has a chance to rectify the record within 8 days by talking to the class teacher if her attendance has been wrongly recorded. In case of absenteeism, student shall bring a letter of absence duly signed by her parents/guardian. However, as per RTM Nagpur University norms, a student having less than 75% attendance will not be permitted to appear for University Examination.

Dress Code - Salwar suit/ Jeans /Leggings with long Kurti.

Extracurricular activities- Credits are allotted to each activity and students are required to attend the activities to earn these credits. Every student has to attend the programs organized by the college from time to time. Attendance for programme of 26th January and of 15th August is mandatory for every student.

Study tours - Every year study tours are arranged for students of different years as per their curriculum requirements. Active participation in Study Tour is necessary.

Facilities

Library : A well equipped library is maintained by the college

Laboratories (The material bureau, **Climatology lab, survey lab and services lab**): These laboratories are well maintained to help the students keep themselves well updated with the various tools and materials and its application.

Computer center: A fully equipped computer lab with terminals, plotter, printer, scanner and facility for LCD projection is available.

Workshop: A fully equipped workshop to enhance practical skills and for hands on experiences.

Brain gym: Encourages and nurtures creative thinking in students as well as teachers through many experimental art and design activities.

Reprography Centre: It is in computer lab wherein drawings can be plotted on sheets as per requirement. Participation in NASA -Students who are regular to class and have cleared all examination of the previous semesters will be allowed to take part in the various activities of NASA.

Academic Performance

Submission schedule of all the subjects of a semester will be displayed at the beginning of the session. Students must follow the submission schedules given by respective subject teachers. No late submissions will be accepted after the scheduled date.

Student Council

The Student Council is formulated for the main purpose of empowering the students. Having a formal setup of a Student Council enables students to organize and conduct certain activities, The student council also takes the lead in organizing and coordinating many events in the academic year - like daily assembly, Republic day and Independence day celebrations, NASA, Teachers Day, Archiventure, Women's day celebration and all other major events conducted by the college.

The structure of the council is such that students from all years find representation in it. The team is headed by fourth year students with representative from first, second and third year. The organization set up for student council comprises of -

President
Vice-president
Secretary
Vice-secretary
Treasurer

CELL & COMMITTEES

ANTI - RAGGING CELL COMMITTEE OF S.M.M. COLLEGE OF ARCHITECTURE, NAGPUR		
SR. NO.	NAME	DESIGNATION
01	Dr. Ujwala Chakradeo	Head of Institution
02	Senior Police Inspector, Gittikhadan Police Station, Nagpur	Police Administration
03	Ms. Manjusha Joshi, Maharashtra Times	Local Media
04	Mrs. Vishpala Hundekari, Founder Ekibeki	NGO
05	Dr. Roopal Deshpande (student welfare incharge)	Representative of Faculty Members
	Prof. Atula Patwardhan	Representative of Faculty Members
06	Mrs. Asha Nitin Girgaonkar	Representative of Parents
07	Ms. Nidhi Joseph, 4 th year	Representative of Students
	Ms. Unnati Dhande, 3 rd year	Representative of Students
	Ms. Pranali Gabhane, 2 nd year	Representative of Students
08	Mr. Gajanan Pilpile	Representative of Non Teaching Faculty

COMMITTEE POST

Chairperson

Member

Member

Member

Member

Cell In charge

Member

Member

Member

Member

Secretary

GRIEVANCE AND REDRESS CELL COMMITTEE			
SR. NO.	NAME	DESIGNATION	COMMITTEE POST
01	Dr. Ujwala Chakradeo	Principal	Chairperson
02	Prof. Pratima Dhoke	Vice Principal	Member
03	Dr. Sampada Peshwe	Academic Head	Member
04	Prof. Atula Patwardhan	Head of Grievance & redress committee	Cell in charge
05	Mr. Gajanan Pilpile	Administrative Officer	Secretary
06	Ms. Nidhi Joseph	Student's Council President	Student representative

ODD SEMESTER 2020-21

UNIVERSITY SCHEME OF EXAM

Semester III

Subject Code	Subject	Teaching Scheme					Examination Scheme								
							Theory					Practical/VivaVoce			
		Hours per Week			No. of Credits	Duration of paper (Hrs.)	Max Marks	Max Marks	Total Marks	Min Passing Marks	Max Marks	Max Marks	Total Marks	Min. Passing Marks	
L	P	S	Univ. Assessment	College Assessment											Univ. Assessment
UDC-09	Design Studio III	-	-	12	12	-	-	-	-	-	100	150	250	125	
UDC-10	Contemporary urban form	2	-	1	3	3	70	30	100	50	-	-	-	-	
UDC-11	Urban Renewal and Conservation	2	-	1	3	3	70	30	100	50	-	-	-	-	
UDC-12	Landscape Design & Sustainable Development and EIA	2	-	1	3	3	70	30	100	50	-	-	-	-	
UDC -13	*Foundation courses - III	4	-	-	4	-	-	-	-	-	50	50	100	50	
UDC-14	Housing and Real Estate Developments	2	-	1	3	3	70	30	100	50	-	-	-	-	
Total		12	-	16	28	-	280	120	400	-	150	200	350		
Semester Total		28			28	750 Marks									

TIME TABLE

SMT. MANORAMABAI MUNDLE COLLEGE OF ARCHITECTURE

TIME TABLE (ONLINE - 15th July to 31st August)

ODD SEMESTER 2020-21

DAY	Y E A R	10:00 to 12:00		3:00 to 5:00
MONDAY	2nd Year - 3rd Sem	CUF		HRED
		PC, PND		AB
TUESDAY	2nd Year - 3rd Sem	Project Management		URC
		UG		TB
WEDNESDAY	2nd Year - 3rd Sem	TSDE		
		RD/ KT		
THURSDAY	2nd Year - 3rd Sem	HRED		CUF
		AB		PC, PND
FRIDAY	2nd Year - 3rd Sem	Project Management		URC
		UG		TB
SATURDAY	2nd Year - 3rd Sem	TSDE		
		RD, KT		

TEACHING PLANS

UDC 09 – Design Studio

WOMEN'S EDUCATION SOCIETY		
SMT. MANORAMABAI MUNDLE COLLEGE OF ARCHITECTURE, NAGPUR		
URBAN DESIGN DEPARTMENT		
DESIGN STUDIO III : Urban Regeneration: Itwari area, Nagpur		
DATES	DAYS	CLASSES
17/08/2020	Monday	INTRODUCTION TO THE STUDIO
19/08/2020	Wednesday	WORKING STUDIO: Study and Assessment of existing scenario, discuss case study (Group level)
22/08/2020	Saturday	GANESH CHATURTHI
26/08/2020	Wednesday	PRELIMINARY STUDY- Review 1: Presentation of data gathered from the site visit& other primary sources
29/08/2020	Saturday	WORKING STUDIO/ DISCUSSIONS
2/9/20	Wednesday	DOCUMENTATION: FINAL SUBMISSION OF PRELIMINARY STUDY - Final Review 2(Group level)
5/9/20	Saturday	WORKING STUDIO/ DISCUSSIONS
9/9/20	Wednesday	ANALYSIS- Review 1 (Group level)
12/9/20	Saturday	WORKING STUDIO/ DISCUSSIONS
16/9/2020	Wednesday	ANALYSIS- Review 2 (Group level)
19/9/2020	Saturday	WORKING STUDIO/ DISCUSSIONS
23/9/2020	Wednesday	DEVELOPMENT OF STRATEGY- Review 1 (Group level)
26/9/2020	Saturday	WORKING STUDIO/ DISCUSSIONS

TEACHING PLANS

UDC 09 – Design Studio

30/9/2020	Wednesday	DEVELOPMENT OF STRATEGY- Final Review 2 (Group level)
3/10/20	Saturday	WORKING STUDIO/ DISCUSSIONS
7/10/20	Wednesday	MASTER PLAN- Review 1(Group level) with General Guidelines for the overall site
10/10/20	Saturday	WORKING STUDIO/ DISCUSSIONS
14/10/2020	Wednesday	WORKING STUDIO/ DISCUSSIONS
17/10/2020	Saturday	MASTER PLAN- Final Review 2(Group level) with General Guidelines for the overall site
21/10/2020	Wednesday	WORKING STUDIO/ DISCUSSIONS
24/10/2020	Saturday	INDIVIDUAL PROPOSALS: Review 1 (Individual level)
28/10/2020	Wednesday	WORKING STUDIO/ DISCUSSIONS
31/10/2020	Saturday	WORKING STUDIO/ DISCUSSIONS
4/11/20	Wednesday	INDIVIDUAL PROPOSALS: Final Review 2 (Individual level)
7/11/20	Saturday	WORKING STUDIO/ DISCUSSIONS for minor improvements
11/11/20	Wednesday	FINAL SUBMISSION
14/11/2020	Saturday	DIWALI
Teachers Incharge: Ar. Geevith Raghavan , Ar. Priya Choudhary, Ar. Poornima Deshpande, Ar. Tanvi Burghate		

UDC 09 – Design Studio

SMMCA MASTERS

COURSE STRUCTURE 2020-2021

Urban Design Studio Semester III Brief

STUDIO TOPIC :

Urban Regeneration: Itwari area, Nagpur

COURSE INTENT:

The studio intends to explore the concept of Communicative Action and what it would mean in the context of creating local area plans within local governments in consultation with local agencies in order to deal with urban decay of the historic areas of the city.

INTRODUCTION:

Every city has pockets of underutilized land or distressed and decaying urban areas. These pockets of underused land weaken the city's image, livability, and productivity. To tackle the issues of decline and urban decay, the parts of old city needs urban regeneration. The purpose of regeneration is to deliver a long-lasting solution in the form of sustainable new communities. This often means looking at the needs and challenges of a location and its economy, and consulting with all stakeholders involved to establish current and potential issues. The end result should be a project that delivers on physical and economic level so as to serve the local community. The idea to conduct this studio in a communicative manner to reach the common understandings & take coordinated action by reasoned argument & cooperation rather than strategic action.

Some terms and the differences:

UDC 09 – Design Studio

- **Renewal:** An instance of resuming something after an interruption.
- **Revitalisation:** The action of imbuing something with new life and vitality.
- **Redevelopment:** Process of developing something again or differently.(construction of new buildings in an urban area, typically after demolishing the existing buildings.)
- **Regeneration:** The action or process of regenerating or being regenerate(the formation of new animal or plant tissue.)**to improve a place or system so that it is active or producing good results again.**
 1. Forming again (especially with improvements or removal of defects); renewing and reconstituting
 2. Rebuilding or restructuring; large scale repair or renewal.

Site: Itwari, Nagpur

Located 3kms north-east of Nagpur, Itwari is a whole sale and retail market area housing many wedding saree markets, textiles, hardware, household and medical shops. One can buy finest products from here by bargaining. Sarafa Bazar famous for jewellery shops, Maskasath markets for wholesale of food grains, Wada saree showroom for wedding saris are some of the important landmarks located at Itwari. Several restaurants, Coffee Shops, shopping malls can also found here.

Itwari is the area of Muslims of Bohra community with their religious places, residence and business. Digamber Jain Mandir is an added attraction of this place. Itwarirailway station, which is 5 km away from Nagpur railway station is one among the five small stations falls within the city.

Formation of Groups: All students will be divided in 4 groups.

TEACHING PLANS

UDC 09 – Design Studio

Each group will be working on specific topic as mentioned below:

GROUP 1: Infrastructure & Ecology

Group Members: Aniruddha, Shivani, Sakshi, Divya,

GROUP 2: Movement & Mobility

Group Members: Radhika, Sanyukta, Gaurav

GROUP 3: Socio-Economic Studies

Group Members: Krutika, Kapil, Vaidehi

GROUP 4: Land use, Building typology, Housing

Group Members: Rasika, Surbhi, Roshan, Shruti

COURSE METHOD:

- Site Documentation | Survey | Participation | Master Plan | Individual interventions.
- Course will be conducted in following 5 stages :

Stages	Inputs	Expected outputs	Reviews
STAGE 1:	1. Introduction about the	Documentation Stage :	Dates :-

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<p>(STUDY, DOCUMENTATION) A. Critical understanding & analysis of the site. B. Documentation of urban context</p> <p>Weightage: 20 %</p>	<p>studio & relevant projects.</p> <p>2. Guidance on documentation through discussions.</p>	<p>Task1:</p> <ol style="list-style-type: none"> 1. Compiling Primary, secondary data for reference, including base maps, development plan, satellite imagery, etc 2. Georeference the DP maps group-wise and get rough site boundaries on satellite image. 3. Make a presentation on the site findings, boundary, stakeholders, ownership plan of each site, interview videos, etc. on PPT. 4. The communication tool could be a video, a presentation of images, a brochure, an app, etc. as per the respective site conditions, which will have to be first presented in the studio. <p>Task2:Study of the site & relevant case studies</p> <ol style="list-style-type: none"> 5. Study and Assessment of existing scenario of the site, Ground realities, historical evolution of the area, demographic study, physical, socio-cultural & economic aspects. <p>For Site Study/Documentation :</p> <ol style="list-style-type: none"> 1. Site Context : 2. Settlement pattern : Building typologies, ownership patterns, landuse, amenities, road hierarchy, population density, building characters/elements, household size, family structure, age groups, community spaces, etc 3. Services : solid waste disposal, storm water lines, dump collection routes, public toilets, septic tank, water supply, sewage, etc 4. Socio-Economic factors :identification of communities, their occupation, livelihood activities, 	<p>DURATION: 17th August to 2nd September 2020</p> <p>REVIEW 1: 26th August</p> <p>REVIEW 2: 2nd September 2020</p>
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TEACHING PLANS

UDC 09 – Design Studio

		<p>activity pattern, social activities etc.</p> <p>5. Transportation : Existing Mobility pattern, location of bus stops, auto stands/rickshaws, routes used by different means of transport, Vehicular & pedestrian movementsetc</p> <p>6. Ecology: Edge conditions (along the roads, settlement, water bodies etc), types of water bodies, types of open spaces, etc</p> <p>8. Identify communal spaces in Gaothan such as Temple, Local Squares, Paar/ katta</p>	
<p>STAGE 2: (ANALYSIS)</p> <p>Weightage: 10%</p>		<ul style="list-style-type: none"> • Feedback will be summarized and represented in such a way that the learning and inferences are made explicit. These will be further used to identify the crucial parameters to be mapped in detail. • The analysis maps will be created in such a way that the structure plan starts emerging from them. • Site finding, analysis of the documented data, stakeholders, ownership, interviews, videos, feedbacks etc. <p>Analysis of the built form: Age/ period, Architectural Style Plan form - traditional etc Type of building- pakka/ kutcha ,No of stories Structural system & materials Fenestration - proportions, Special features/ elements Detailing Streets cape character</p>	<p>Dates :-</p> <p>REVIEW1: 9thSeptember 2020</p> <p>REVIEW 2: 16th September 2020</p>

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<p>STAGE 3: DEVELOPING STRATEGY Weightage: 20%</p>		<p>Developing Strategy group wise catering the respective topics. GROUP 1:Infrastructure & Ecology(strategy for services, amenities, open spaces, environment, water bodies etc.) GROUP 2:Movement & Mobility(strategy for Transportation system, Street Hierarchy, movement pattern, proposed mobility plan, detailed streetscapes) GROUP 3:Socio-Economic Studies (Strategy for public realm, formal-informal activities, tourism growth, revenue generation etc) GROUP 4:Land use, Building typology, Housing(Strategy for Built form, Typology, Density, FSI, urban character, fenestration, materials, height restrictions, enclosures, active frontages, etc)</p>	<p>Dates :- REVIEW 1: 23rd September 2020 REVIEW 2: 30th September 2020</p>
<p>STAGE 4: MASTER PLAN Vision and Master Plan with generic guidelines of the development. Weightage: 30%</p>		<p>Formation of strategies should lead towards the formation of master plan and generic guidelines for the overall site.</p>	<p>Dates :- REVIEW 1: 7th October 2020 REVIEW 2: 17th October 2020</p>
<p>STAGE 5: INDIVIDUAL PROPOSALS Weightage: 20 %</p>		<ol style="list-style-type: none"> 1. Selection of a part of the proposed master plan of approximate area as decided. 2. Detailed part plans with the implementation of strategies & guidelines. 	<p>Dates :- REVIEW 1: 24th October 2020 REVIEW 2: 4th November 2020 FINAL SUBMISSION OF WORK (with corrections):</p>

LEARNING OUTCOME:

Students should be able to understand & handle the issues & concerns related to the regeneration of an area and thereby be able to conceptualize holistic strategies for the revival & upgradation of the historically rich urban fabric through urban design proposals.

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UDC-10 Contemporary Urban Form

The **objective** of the course is to create an understanding of the reproduction of contemporary culture in the post-colonial city resulting from interdisciplinary participation drawn from sociology, history, cultural studies and political analysts. This subject is the succession of theory of urban form.

DATE/ WEEK	TOPIC	Objective	METHODOLOGY	EXPECTED OUTPUT
20.07.2020 2 hours	Introduction to the topic and recap of the subject Theory of Urban Form (2nd Sem)			
23.07.2020, 27.07.2020 4 hours	Cross-cultural influences in city development - Amos Rapoport (Poornima Deshpande)	To understand the role that culture plays in the development of cities. Role of migration and different cultures in the city development.	Lecture will be given and readings will be prescribed to the students.	Abstract/detailed notes based on readings
30.07.2020, 03.08.2020 4 hours	Concepts of Global City (Priya Choudhary)	It is a very wide concept which needs to be understood by the students. An overall viewpoint of what global means and various factors affecting it.	Lecture	-
06.08.2020, 17.08.2020, 20.08.2020 6 Hours	Urbanism, colonialism and the world economy and development of City as a human network - social structure and urban form - Manuel Castells (Poornima Deshpande)	For the students to understand various terms such as urbanism, colonialism etc. Importance of social structure in the development of the city.	Lecture	Readings

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24.08.2020, 27.08.2020, 31.08.2020 6 Hours	Cities of uneven economic development, Social access - territoriality, exclusion and inclusion, minority groups and the disadvantaged, children and the geographies of disability (Poornima Deshpande)	For the students to understand the importance of economic development and how it affects the masses. To study it considering various economic groups.	Lecture	-
	The politics of globalization and liberalization and their manifestations in the post-colonial city Urban life-style diversity and spaces of consumption (Poornima Deshpande)	After learning about the importance of economics, it is vital for the students to understand the effects of politics and globalisation and its effect on lifestyles.	Lecture & Discussion	Assignment 1
Assignment 1: Students need to select various Urbanists (list will be given to students) and their work.				
	Contemporary culture - the metropolitan experience (Poornima Deshpande)	As students have studied various factors such as economics, culture, politics, they need to understand the metropolis.	Lecture & Discussion	-
	Violence and Urban space (Priya Choudhary)	To understand Urban Spaces and the various factors - positive and negative involved with them.	Lecture & Discussion	-
	From the geographies of modernity to post-modernity and beyond, the case example of any Megalopolis and contemporary development	Students will be introduced to the term megalopolis through examples.	Lecture	-

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	trends across the world (Poornima Deshpande)			
	Contemporary trends in the Asian city, conflicts, contestations and hybridization within the multilayered urbanities of Indian cities (Priya Choudhary & Poornima Deshpande)	The aim is for the students to understand various factors studied in the previous units and analyse Asian cities with respect to the same.	Lecture	Assignment 2
Assignment 2: Students will have to study various Asian cities as case studies to study based on conflicts, political influence, socio-cultural issues and various other factors.				

Assignment 1: Students need to select various Urbanists (list will be given to students) and their work. City Plans designed by the urban designers will be studied by the students. PPT's will be made by students individually. Study will be based on the units taught till now.

Assignment 2: Students will have to study various Asian cities as case studies to study based on conflicts, political influence, socio-cultural issues and various other factors. Various other factors will be taken into account and students will have to write a research paper based on the same.

Reading Material:

- 1) Urban Spaces No. 2: The Design of Public Places - John Morris Dixon
- 2) Cross Cultural Studies and Urban Form - Amos Rapoport
- 3) Culture, Architecture & Design - Amos Rapoport
- 4) Readings in Urban Theory - Susan S. Fainstein and Scott Campbell
- 5) Urban Spaces: Environments for the Future Jacobo Krauel
- 6) The Rise of the Network Society (The Information Age: Economy, Society and Culture, Volume 1) (Vol 1) - Manuel Castells
- 7) Planning for Metropolitan Cities: A Suggestive Approach Book by M. Pratap Rao

TEACHING PLANS

UDC 11-URBAN RENEWAL & CONSERVATION

Objective - The **objective** of the course is to equip the students to deal with developments in existing cities.

DATE/ WEEK	TOPIC	Objective	Hours	METHODOLOGY	EXPECTED OUTPUT
20th July to 25th July	<ul style="list-style-type: none"> Historic overview of urban renewal Development strategies for regeneration of inner city areas, recycling, renewal, etc. 	<ol style="list-style-type: none"> To acquaint theme with the subject with with different terminologies and introduction of urban renewal, it need, approaches and types of approaches. Present diff strategies for regeneration through examples, objectives, govt approach. 	4 HRS	PPT Presentations	Understanding of the basic concepts of renewal
27th July to 1st August	<ul style="list-style-type: none"> Case studies of urban renewal, adaptive reuse and Brown Field projects in India and abroad Discussion on Examples 	<ol style="list-style-type: none"> Examples of conservation practices through projects like an example of urban renewal of Shikhajain of Jaipur city. Make them understand about conservation & heritage and aspects related to the field. Lecture on :Development & the conservation of significant places. 	5 HRS	PPT Presentations	Understanding of the basic concepts of conservation and related aspects.
3rd August to 8th August	<ul style="list-style-type: none"> Introduction to conservation, heritage, concepts of historic zones 	<ol style="list-style-type: none"> Lecture on: Assessment of Heritage. Lecture on management of conservation area. <ul style="list-style-type: none"> Assignment Introduction :Introduction of 	6 HRS	Discussions	Understanding of the parameters for assessment & conservation

TEACHING PLANS

		an assignment to choose any management plan for an area / or renewal programs as case study & present it.			
10th August to 15th August		1. Lecture on area appraisals 2. Lecture on Conservation principles			Understanding of the characterisation of the area
17th August to 22th August	<ul style="list-style-type: none"> • Assignments • Introduction to world Heritage sites 	Discussion on selection of topics for the assignment Introduction to world heritage sites and its criteria, explanation with e.g.	4HRS	Word documents PPT Presentations	Understanding the different case study & inferences from it.
24th August to 29th August	<ul style="list-style-type: none"> • Assignments 	Select any world heritage sites and understand the process and criteria's for selection behind it and present it.	4 HRS	PPT Presentations	PPT Presentations
31st August to 5th September	<ul style="list-style-type: none"> • Principles of conservation and successful practices in conservation in India and abroad 	Practices related to conservation: 1. Explaining what is :Heritage management plan, action plan through examples. 2.What is urban Heritage in Indian cities	5 HRS	PPT Presentations	Understanding the process , strategy & various other aspects of management plan.
	<ul style="list-style-type: none"> • Importance of Charters 	1. Introduction to Charters & their importance & application 2. Listing & grading of structures.	2 HRS	PPT Presentations	Understanding the use of various charters in the field of conservation
31st August to 5th September	<ul style="list-style-type: none"> • Archaeological Acts, Conservation Acts and Legislation 	Acts & their importance & application Acts	2 HRS	PPT Presentations	Understanding the importance of acts
7th	<ul style="list-style-type: none"> • Concepts and 	Case study:	2 HRS	PPT	Understanding

TEACHING PLANS

September to 12th September	approaches to urban conservation in India, UK and Europe	1. The Victorian & Art Deco Ensemble of Mumbai		Presentations	the site & its documentation process
14th September to 19th September	<ul style="list-style-type: none"> • Guest lecture 	Guest lecture	4 HRS	PPT Presentations	
21st September to 26th September	<ul style="list-style-type: none"> • Heritage tourism and conservation 	Introduction to various sites related to conservation field & their use for the study. e.g., UNESCO, ICCROM, ICOMOS, ASI & many more.	2 HRS	PPT Presentations	Understanding urban conservation at local & international level
28th September to 3rd October	<ul style="list-style-type: none"> • Institutional framework for urban conservation and renewal strategies in India 	Guest Lecture	2 HRS	PPT Presentations	

Reading Material:

1. Criteria for the assessment of **Local heritage, PLaCes and areas**, a Practical guide to identifying, grading and documenting Places and areas in Local Government inventories – By state Heritage office, Govt of western Australia.
2. Urban Heritage in Indian Cities, INTACH
3. The Victorian & Art Deco Ensemble of Mumbai, Submission to UNESCO As world Heritage site, Documentation, By AbhaNarainLambha Associates,
4. Indian Heritage Cities Network: Walking into the Microsom of Jaipur , A concept paper, by UNESCO New Delhi, Dr. Shikha Jain for Governmemnt of Rajasthan & Local self governance department

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5. ICOMOS charters
6. Guidance on conservation area appraisals, by English Heritage, August 2005
7. Guidance on the management of conservation areas, by English Heritage, 2001
8. Conservation principles policies and guidance, for the sustainable management of the historic environment, by English Heritage, 2008
9. Enabling development and the conservation of significant places, by English Heritage, 1991
10. Books by ShyamChainani on various topics of conservation.
(Many more to come for reference & study)

ASSIGNMENTS :

- 1. To choose any management plan for an area / or renewal program for a city / an action plan as case study & present it.**

Objective : Understand the overall process for selection of the site, need for its conservation/ management, identify criteria's, understanding the site, its significance and authenticity, strategies applied, measures taken, delineation of boundaries, identifying the potential areas, need fro proposals, final outcome etc.

- 2. To Select any world heritage sites and understand the process and criteria's for selection behind it and present it.**

Objective : Understand its identification, justification for it, statement of significance, status of site boundaries, authenticity, management, present status, threats, proposed actions, news articles on it. Etc

- 3. Documentation of aneighbourhood based on listing, grading system.**

Objective : Should be able to select a neighbourhood based on its significance, values, identify issues, do the listing grading of structures and also propose management strategies/ action plan etc

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**UDC-12 Landscape design & Sustainable Development & EIA:
Faculty Incharge: Dr. Roopal Deshpande and Prof. Ketki Tidke**

Objective -

The **objective** of the course is to inform the student about the importance of Landscape architecture

To comprehend on the complexities of the contemporary city and to a more equitable distribution of ecological and environmental resources, landscape architecture in urban design education examining through its role in the creation of civic spaces and their natural and built urban character.

To inform the student of the latest theories and techniques available as tools for design and development, create awareness of the legislative mechanisms for environmental protection and Environmental Impact Assessment (EIA) methods and procedures.

To create awareness towards protection of the natural environment and the techniques for sustainable development applied to urban design, planning and architecture are of critical importance today and indispensable in the future.

DATE/ WEEK	TOPIC	Objective	METHODOLOGY	EXPECTED OUTPUT
WEEK 1	Introduction to the subject	<ol style="list-style-type: none"> 1. To establish the relationship between Planning and Design 2. To establish relationship between Landscape design and Urban Design 3. Role of Urban Designers towards Sustainable Development 4. Introduction of the subject 	Discussion and Presentation	
	Introduction to Environmental design	<ol style="list-style-type: none"> 1. To discuss the Historic evolution 	Discussion and Presentation	

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		<ol style="list-style-type: none"> 2. Role of contemporary theorists 3. To bring students to the common platform of understanding of the subject 	List of books for reference	
WEEK 2	Urban Design and Landscape Architecture	<ol style="list-style-type: none"> 1. Establishing relationship Between garden design, town Planning, urban design and Landscape Architecture. 2. Look at examples in History And Contemporary times. 	List of Readings	
	Landscape Urbanism	Introduction to Landscape Urbanism.	Introduction to assignment	
WEEK 3	Overview of International and National policies and Programmes - Stockholm Conference	<ol style="list-style-type: none"> 1. To understand the role of guidelines framed under international and national Policies 	Discussion and Presentation	
	Buntdland Commission, Earth Summit, Agenda 21, Habitat I & II etc. and emerging issues	<ol style="list-style-type: none"> 1. Introduction to historic overview and current trends 	Discussion and Presentation	

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WEEK 4	Discussion on Assignment	Review of progress of assignment	Presentation by Students	Sheets/Ppt/Concepts and programming
	Pollution control, energy use, water harvesting, waste treatment, solid waste management Application at different scales	1. Impact of projects on environment	Discussion and Presentation	
Week 5	Discussion on Assignment	Review of progress of assignment	Presentation by Students	Sheets/Ppt/Design
	Environmental Planning techniques - analysis of carrying capacity, ecological footprint and land suitability, vulnerability assessment and microzonation, pollution modeling, eco city development	1. Introduction to the basics of Environmental planning techniques	Discussion and Presentation Introduction to the Book	Book Review
WEEK 6	Discussion on Assignment	Review of progress of assignment	Presentation by Students	Sheets/Ppt/Design and detailing
	Environmental Planning techniques - analysis of carrying capacity, ecological footprint and land suitability, vulnerability assessment and microzonation, pollution modelling, eco city development (Continued)	Introduction to the basics of Environmental planning techniques	Discussion and Presentation Introduction to the Book	Book Review
WEEK 7	Statutory Acts, regulations and Notifications (coastal zone regulations, pollution control Act etc.)	Introduction to the Acts and legal framework pertaining to Environmental Design	Discussion and Presentation	
	Final Presentation of Assignment	JURY	Presentation by Students	SHEETS and PRESENTATION
WEEK 8	Definition of Environmental Impact assessment, methods of EIA, procedures - formats	Introduction to EIA	Discussion and Presentation	Book/Report Review
	Important clearances, time frame,	Introduction to EIA	Discussion and	Book/Report Review

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	legal framework of EIA		Presentation	

Reading Material:

1. Man and his Environment, Edited by M.A. Ward
2. Environmental Design by Richard P. Dober
- 3.** Dying Wisdom: Rise, Fall and Potential of India's Traditional Water Harvesting Systems (State of India's Environment, Volume 4) Paperback - January 1, 1997 by Anil Agarwal (Author), Sunita Narain (Author)
4. Environmental Analysis for Landuse and Site Planning by William M. Marsh
5. Transport, Water and Telecommunication Department, The World Bank, Feb. 1982
6. A guide to site and environmental planning **by** Harvey M. Rubenstein

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UDC-14 Housing and Real Estate Developments:

The **objective** of subject is to understand the dynamics of traditional and contemporary housing and the emerging housing scenario in India as housing constitutes almost one half of our cities. Housing is produced in a variety of ways and is a reflection of settlements ethnic, social and economic groups. It will give overview of housing scenario in India, types of housing, demand and shortage with focus on:

DATE/ WEEK	TOPIC	Objective	METHODOLOGY	EXPECTED OUTPUT
20.07.2020 2 hours	Introduction to the Topic: Introducing various terminologies like Affordable housing, Subsidized housing, Community ownership, Social Housing, Social inclusion, Legislations, Real estate Development, Housing stock etc. Overview of housing scenario in India, types of housing, demand and shortage	To understand the terminologies related to Housing and also to understand the situation of housing in India	Lecture & Interaction Detailed List of terminologies will be given by the teacher	Detailed list of terminologies to be read and understood
Highlights of HOUSING FOR ALL document to be read and discussed on 23.07.2020				
23.07.2020 2 hours	Traditional housing stock, its contemporary condition and transformations	To understand the importance of Traditional Housing from history and its contemporary version	Lecture	-
Discussion on various research papers to understand the transformation and the reasons of transformation happened in traditional housing stock 23.07.2020				
27.07.2020 2 hours	Rent control laws, subdivision of property and its effect on traditional housing	To understand various legislations and its effects on the traditional housing	Lecture	-
30.07.2020 2 hours	Definition of real estate - physical, financial and social perspectives Comparison of real estate to other investment avenues Real, local, national and global factors affecting	To familiarise the students to real-estate market mechanisms and their implications on the processes of city development and resource	Lecture	Assignment 1

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	real estate	mobilisation		
Group Discussion on Real Estate and other investment options on 30.07.2020				
Readings				
<ol style="list-style-type: none"> 1. S P Peca, Real Estate Development and Investment: A Comprehensive Approach 2. Charles Long, Finance for Real Estate Development 3. Rajkumar S Adukia, Real Estate Law Practice and Procedures 4. John Ratcliffe, Mark Shepherd and Michael Stubbs, Urban Planning and Real Estate Development 5. StieveTiesdell and David Adams, Urban Design in Real Estate Development Process 				
3.08.2020 2 hours	History of development of real estate in Indian metros. The 90's boom and what followed Key drivers of the metropolitan real estate market		Lecture & Discussion Guest Lecture	Assignment 1
Assignment 1: Case study of a real estate development with respect to user group, financing, market dynamics, design and planning, phasing, post occupancy evaluation (Introduction on 3.08.2020 and Submission: 17.08.2020) 03.08.2020, 06.08.2020, 10.08.2020, 13.08.2020, 17.08.2020				
13.08.2020 2 hours	Concepts of real estate analysis Mapping supply to understand markets Property grading, factors affecting grading and the relevance of such grading, relevance of design in grading	To understand market trends in real estate development	Lecture & Discussion	Assignment 1
20.08.2020 2 hours	Role of real estate developers and private builders in the housing sector, comparison with other Asian cities	To understand the scenario in real estate in other cities	Lecture & Discussion	-
24.08.2020 2 hours	Social housing scenario and the role of the State Governments & NGO's	To study and understand the need and problems of social housing	Lecture	-
27.08.2020 2 hours	Slums and squatter settlements, schemes for rehabilitation and improvement	To understand the various types of slums, existing condition of slums and	Guest Lecture	-

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		various measures to improve these slums		
31.08.2020 2 hours	Critical overview of the contribution of Central and State Governments, HUDCO, State Housing Boards, Development Authorities, etc. in the production, control and management of housing	To study and understand the role of various authorities in housing	Lecture	Assignment (Group Work)
Assignment 2: Understanding the contribution of Central & State Government, HUDCO, State Housing Board, Development Authorities in the production, control and Management of Housing (Group Work) 31.08.2020, 3.09.2020 Submission on 07.09.2020				

Assignment 1: Case study of a real estate development with respect to user group, financing, market dynamics, design and planning, phasing, post occupancy evaluation (Introduction on 3.08.2020 and Submission: 17.08.2020) 03.08.2020, 06.08.2020, 10.08.2020, 13.08.2020, 17.08.2020

Assignment 2: Understanding the contribution of Central & State Government, HUDCO, State Housing Board, Development Authorities in the production, control and Management of Housing (Group Work) 31.08.2020, 3.09.2020 Submission on 07.09.2020

Reading Material:

1. Mukhija, Vinit, Squatters as developers? slum redevelopment in Mumbai, Publisher: Hampshire: Ashgate, 2003
2. Jones, Colin, Housing markets and planning policy, West Sussex Wiley-Blackwell Publishing 2009
3. Jain, A. K, Urban housing and slums, New Delhi, Readworthy 2009.
4. Tibaijuka, Anna Kaju, Building prosperity: the centrality of housing and economic development, London Earthscan 2009
5. Vliet, Willem van, Government and housing: developments in seven countries, New Delhi Sage 1990
6. Fernandez Per, AuroraNext: collective housing in progress :density, intensity, uses, location, types, details, Victoria-Gasteiz A+t Ediciones 2010
7. Poulouse, K. Thomas comp, Reading material on housing, New Delhi Institute of Town Planners, India 2002
8. Reddy, G. B, Blending the traditional with the modern: cost effective rural housing technologies, Hyderabad NIRD 2005
9. Mumford, Lewis, City in History: its origins, its transformations, and its prospects, San Diego Harvest/Harcourt, 1989
10. Reading Material on Housing - ITPI New Delhi
11. Reading Material on Planning Legislation and Professional Practice - ITPL New Delhi.

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12. Girish K. Misra, PSN Rao - Housing Legislation on India
13. Harjinder Singh, Leslie Kilmartin - Housing in the Third World
14. National Housing Policy Paper - Government of India, Ministry of Urban Development, New Delhi, May 1988
15. National Housing and Habitat Policy 1998 - Akalank Publication
16. Robert Euburter - Housing Finance in Developing Economy
17. Bakshi D. Sinha - Housing in India
18. Burns - Housing of Nations
19. Sri. K. Thomas Paulose - Reading Material on Housing - Published of All India Institute of Town Planners.
20. Smith - Housing: The Social & Economic Elements
21. S.K. Sharma, HUDCO - An overview of Housing Finance Systems in India
22. RBI - Report on Currency & Finance - 1994-95.
23. Mike E Miles, Gale L Bereus, Mark J Eppli and Marc A Weiss, Real Estate Development Principles and Process
24. S P Peca, Real Estate Development and Investment: A Comprehensive Approach
25. Charles Long, Finance for Real Estate Development
26. Rajkumar S Adukia, Real Estate Law Practice and Procedures
27. John Ratcliffe, Mark Shepherd and Michael Stubbs, Urban Planning and Real Estate Development
28. StieveTiesdell and David Adams, Urban Design in Real Estate Development Process
29. Alex Wilson, Jenifer L Uncapher and Lisa McManigal, Green Development Integrating Ecology and Real Estate
30. John Kromer, Fixing broken cities: the implementation of urban development strategies, New York: Routledge, 2010



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