

SCHOOL OF ARCHITECTURE, SCIENCE AND TECHNOLOGY
YASHVANTRAO CHAVAN MAHARASHTRA OPEN UNIVERSITY

Syllabus
V44:M.Arch.
Urban and
Regional
Planning

2011

AST, YCMOU, NASHIK.-422 222, MS, INDIA

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SYLLABUS FOR V44: M.ARCH. (URBAN & REGIONAL PLANNING) (2011 PATTERN)

BASIC INFORMATION

1. **Mode of Education:** Full time face-to-face mode enhanced with ELearning support.
2. **Minimum Programme Duration:** 2 years after B.Arch. or Equivalent
3. **Required Study Efforts:** _____ Hours in **each** semester
4. **Medium of Instruction:** English
5. **Attendance:** **Minimum 80% attendance for all courses.**
6. **Equivalence Status:**
 - a. Approved by Council of Architecture, New Delhi
 - b. UGC recognized and approved
 - c. DEC recognized and approved
 - d. Recognized by Government of Maharashtra for MPSC jobs

PROGRAMME CALENDAR

SN	Activity Description	Odd semesters like 01, 03, 05 and 07 From 01-Aug Till 31 Jan	Even semesters like 02, 04, 06 and 08 From 01-Feb Till 31-Jul
Admission			
01	Further Admission	From 05-Jun Till 05-Jul	From 05-Dec Till 05-Jan
02	Fresh Admission	From 05-Jun Till 05-Aug	Not Offered
Teaching - Learning			
03	Teaching - Learning	From 01-Aug Till 13 Nov	From 01-Feb Till 16-May
04	Teaching-Learning Backlog Clearing	From 14-Nov to 04-Dec	From 17-May to 04-Jun
End Exam (EE) Form Submission			
05	EE Form Submission by students at SC	On or Before 30-Sep	On or Before 31-Mar
06	EE Form Submission by SCs at University	On or Before 05-Oct	On or Before 05-Apr
Continuous Assessment (CA) Submission			
07	CA Availability on website	From 01-Aug Till 30 Nov	From 01-Feb Till 30-May
08	CA Submission by Students at SC	01-30 Nov	01-30 May
09	Provisional CA Report by SCs	On or before 31-Dec	On or before 30-Jun
10	Final CA Report Submission by SCs at University	On or before 31-Jan	On or before 31-Jul
End Examination (EE)			
11	EE for Theory Courses	From 05-Dec Till 14-Dec	From 05-Jun Till 14-Jun
12	EE for Practical, STW, SV or PW Courses	Immediately after the last day of end exam for theory courses, but positively before 05-Jan	Immediately after the last day of end exam for theory courses, but positively before 05-Jul

Semester End Vacation		
13	Semester End Vacation	From 08-Jan Till 31-Jan
		From 08-Jul Till 31-Jul

ELIGIBILITY AND FEES

Admission Eligibility	Certification Eligibility	Fees and Deposit / Semester		
		Desc	INR	USD
<ul style="list-style-type: none"> Passed the B.Arch. or its equivalent examination. 	Min 50% or better marks in total 24 courses (subjects) of total 96 credit points at Semesters 11-14. Aggregate performance and Class in the programme shall be reported on the basis of semesters 3 & 4.	UF	6,400	540
		SCF	21,000	2,100
		ASF	8,000	800
		EF	150/T 250/STW 400/SV	15/T 25/STW 40/SV
		Total ≈	40,000	3,600
		LD	2,000	200
		AFA	Year 1 Year 2	15,000 15,050

SEMESTERS AND COURSES

SN	Code	Name	CA	EE	TM	Type	CPs
Semester 1: 24 CPs.							
01	A41011	Urban and regional planning theories	10	40	50	T	2
02	A41012	Urban and regional planning history	10	40	50	T	2
03	A41013	Traffic & Transport Design	20	80	100	STW	4
04	A41014	Urban and Rural housing	20	80	100	STW	4
05	A41015	Elective: Disaster Management	20	80	100	STW	4
	A42015	OR Elective: Barrier Free design					
06	A41016	Urban Regional Planning Studio 1	40	160	200	SV	8
Semester 2: 24 CPs.							
07	A41021	Urban and regional planning sociology	10	40	50	T	2
08	A41022	Urban and regional economics	10	40	50	T	2
09	A41023	Urban and Rural landscape design	20	80	100	STW	4
10	A41024	Computer Aided Design	20	80	100	STW	4
11	A41025	Elective: Geographic Mapping Systems (GIS)	20	80	100	STW	4
	A42025	OR Elective: Regional Land Economics					
12	A41026	Urban Regional Planning Studio 2	40	160	200	SV	8
Semester 3: 24 CPs							
13	A41031	Urban and regional planning legislation	10	40	50	T	2
14	A41032	Research Methodology& Strategies	20	80	100	T	4
15	A41033	Infrastructure Services	10	40	50	STW	2
16	A41034	Sustainable community development	20	80	100	STW	4
17	A41035	Elective: Urban Design Documentation	20	80	100	STW	4
	A42035	OR Elective: Conservation in Urban Context					
18	A41036	Urban Regional Planning Studio 3	40	160	200	SV	8

SN	Code	Name	CA	EE	TM	Type	CPs
Semester 4: 24 CPs							
19	A41041	M. Arch. (Urban & Regional Planning) dissertation 1	40	160	200	SV	8
20	A41041	M. Arch. (Urban & Regional Planning) dissertation 2	80	320	400	SV	16

EVALUATION PATTERN

SN	Type of Course	Continuous Assessment	End Examination
1	Theory (T)	<ol style="list-style-type: none"> Student is required to answer 1 of 1 SAQ, each of 5 marks, on each CP Single attempt only Marks: 5 Marks for each CP Duration: Specified 1 Month 	<ol style="list-style-type: none"> Student is required to answer 1 of 1 SAQ, each of 5 marks, on each CP Student is required to answer 1 of 2 LAQs, each of 15 marks, on each CP Maximum 5 Attempts only Marks: 20 Marks for each CP Duration: 45 minutes for each CP
2	Studio with Term-Work (STW)	<ol style="list-style-type: none"> Student is required to submit "Activity Report" for each CP in the prescribed format. Single Attempt only Marks: 5 Marks for each CP Duration: Specified 1 Month CAT: Continuous Assessment Time is 1 hr for each C.P. 	<ol style="list-style-type: none"> External and internal examiners shall assess each student based on: <ol style="list-style-type: none"> Term-Work submission by the student Continuous Assessment submission by the student Maximum 5 Attempts only Marks: 20 Marks for each CP Duration: 240 minutes
3	Studio with Viva (SV)	<ol style="list-style-type: none"> Student is required to submit "Activity Report" for each CP in the prescribed format. Single Attempt only Marks: 5 Marks for each CP Duration: Specified 1 Month CAT: Continuous Assessment Time is 1 hr for each C.P. 	<ol style="list-style-type: none"> External and internal examiners shall assess each student based on: <ol style="list-style-type: none"> Term-Work submission by the student Continuous Assessment submission by the student Viva on studio Activities Maximum 5 Attempts only Marks: 20 Marks for each CP Duration: 240 minutes

Actual CA and EE marks shall be used in computation of "Total Marks (TM)". "Grace Factor" and "Total Marks (TM)" shall be used in computation of Percentile marks. Only percentile marks shall be reported for each course in the mark-statement. Only best of the past performance shall be reported.

• Evaluation Pattern of 'Studio Term-Work' Type Courses of 4 CP

SN	Description	Internal Examiner	External Examiner	Total Marks
	Duration of End Exam: 240 minutes (4 hrs)		Batch size: 20 students	
a	Assessment of Assignments, drawings, Journal, Reports, etc.	30 Marks	50 Marks	80 Marks
	Total	30 Marks	50 marks	80 Marks

• Evaluation Pattern of 'Studio Viva' Type Courses of 8 CP

SN	Description	Internal Examiner	External Examiner	Total Marks
	Duration of End Exam: 240 minutes (4 hrs)		Batch size: 20 students	

a	Presentation of Assignments, drawings, Journal, Reports, etc. or Design portfolio, Case Study(ies), Reports, etc.	20 Marks	60 Marks	80 Marks
b	Viva-Voice	40 Marks	40 Marks	80 Marks
Total		60 Marks	100 marks	160 Marks

• **Evaluation Pattern of 'Studio Viva' Type Courses of 16 CP**

SN	Description	Internal Examiner	External Examiner	Total Marks
Duration of End Exam: 240 minutes (4 hrs)		Batch size: 15 students		
a	Presentation of Assignments, drawings, Journal, Reports, etc. or Design portfolio, Case Study(ies), Reports, etc.	40 Marks	120 Marks	160Marks
b	Viva-Voice	80 Marks	80 Marks	160Marks
Total		120 Marks	200 marks	320 Marks

SEMESTER 01

A41011: URBAN AND REGIONAL PLANNING THEORIES

PROGRAMME INFORMATION

SN	Description	Details
1	University	Yashwantrao Chavan Maharashtra Open University Nashik - 422 222, Maharashtra, India Website: http://www.ycmou.com/
2	School	School of Architecture, Science and Technology
3	Discipline	Architecture
4	Level	PG
5	Course Used in	V44: M.Arch. (Urban & Regional Planning)

COURSE INFORMATION

Sem	Code	Course Name	CP	CST	CAT	ST	CA	EE	TM	Type
01	A41011	Urban and regional planning theories	2	20	2	60	10	40	50	TH

PRESUMED KNOWLEDGE AND LEARNING OBJECTIVES

Presumed Knowledge	Learning Objectives
For successful completion of this course, student should have successfully completed: <ul style="list-style-type: none">Passed the B.Arch.OR its equivalent examination.	After successful completion of this course, student should be able to: Develop an awareness of Urban and Regional Planning principles and Sociology & social science considerations, their interrelationship influencing human civilizations & settlements.

UNITS

UN	Name of the Unit	CSs	Questions
1-1	Urban and Regional Planning principles and considerations.	CP Block 01	Students have to answer '1 of 1' SAQ in CA and '1 of 1' SAQ & '1 of 2' LAQs in end exam on these units.
1-2	Sociology and social science and its relation to physical planning.	CSs 01-10	
2-1	Human Aspects of Urban Form	CP Block 02	Students have to answer '1 of 1' SAQ & '1 of 2' LAQs in end exam on these units.
2-2	Economics	CSs 11-20	

DETAILED SYLLABUS

UN	Detail Syllabus of the Unit	CP
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		Block
1-1	Urban and Regional Planning principles and considerations: Urban structure; Urban typology, density and sustainability - spatial types and morphologies related to intensity of use, consumption of resources and production and maintenance of viable communities; Accessibility –ease, safety and choice when moving to and through places; Legibility and way finding; Designing places to stimulate public activity; Function and fit; Complementary mixed uses- constructive interaction; Character and meaning; Order and incident; Continuity and change in time and place, contemporary culture; Civil society- building social capital	CP Block 01
1-2	Sociology and social science and its relation to physical planning. Various factors model and parameters of socio-economics; Sociology and its relation to planning: Sociological theories and concepts - Society, Community, Social Group, Culture and Sociological Theories of Urbanization Durkheim and Weber – Sociological theories- Adam Smith and Ricardo (Classical), Marx, , Early Modernists – Rostow, Lewis, Myrdal, Todaro, Core Periphery theories and Global Cities	
2-1	Human Aspects of Urban Form. Relationship of social, cultural and humane aspects to physical planning. Basic human psychology and its relation to planning.	CP Block 02
2-2	Economics: Introduction, Definition & scope of economics in Urban Planning, Regional planning macro and micro economics. Planning need, issues and five year plans, Economic uplift, backwardness, Poverty alleviation; Sustainable development, conservation measures, reduce recycle, reuse concept, care for future generation, carrying capacity and limits, study of water as a resource	

LEARNING RESOURCE DETAILS

LR Code	Title Author	Edition Year	ISBN Publisher
Text-Books			
_____ -TB1			
Reference-Books			
A41011-RB1			
A41011-RB2			
A41011-RB3			
CD / DVD			
_____ -CD1			
Web Links			
_____ -WL1			

A41012: URBAN AND REGIONAL PLANNING HISTORY

PROGRAMME INFORMATION

SN	Description	Details
1	University	Yashwantrao Chavan Maharashtra Open University Nashik - 422 222, Maharashtra, India Website: http://www.ycmou.com/
2	School	School of Architecture, Science and Technology
3	Discipline	Architecture
4	Level	PG
5	Course Used in	V44: M.Arch. (Urban & Regional Planning)

COURSE INFORMATION

Sem	Code	Course Name	CP	CST	CAT	ST	CA	EE	TM	Type
01	A41012	Urban and regional planning history	2	20	2	60	10	40	50	TH

PRESUMED KNOWLEDGE AND LEARNING OBJECTIVES

Presumed Knowledge	Learning Objectives
<p>For successful completion of this course, student should have successfully completed:</p> <ul style="list-style-type: none"> Passed the B.Arch. OR its equivalent examination. 	<p>After successful completion of this course, student should be able to:</p> <ul style="list-style-type: none"> To understand historical development of Cities in ancient and modern civilizations.

UNITS

UN	Name of the Unit	CSs	Questions
1-1	Cities in Asia, India, Africa, Europe and the Americas, Classical Chinese, Roman and Greek cultures	CP Block 01 CSs 01-10	Students have to answer '1 of 1' SAQ in CA and '1 of 1' SAQ & '1 of 2' LAQs in end exam on these units.
1-2	The Post-industrial City		
2-1	Industrialization and industrial development	CP Block 02 CSs 11-20	Students have to answer '1 of 1' SAQ & '1 of 2' LAQs in end exam on these units.
2-2	Concern for urban poverty		

DETAILED SYLLABUS

UN	Detail Syllabus of the Unit	CP Block
1-1	Ancient examples of carefully planned and designed cities in Asia, India, Africa, Europe and the Americas, Classical Chinese, Roman and Greek cultures (Hippodamus of Miletus). European Medieval cities- exemplars of un-designed or 'organic' city development, urban design in the Middle Ages. Beginning of modern urban design in Europe :the Renaissance- the Age of Enlightenment. Spanish colonial cities; the	CP Block 01

	Baroque design approach: French formal gardens such as Versailles extension into urban development and redevelopment. 18th and 19th centuries. Pre-Colonial Town and Cities in India	
1-2	The Post-industrial City. Detailed description with the various socio economic reasons and influences on physical planning highlighting the impact of industrialization on physical planning. Garden City and Regional Perspective, Neighborhood and Communities – Birth and development of the neighborhood idea, Urban renewal. Contributions of Ebenezer Howard, Patrick Geddes, Lewis Mumford, Le-Corbusier and others in planning. Concept of the informal sector. The biggest challenge for planners is to deal with issues of physical planning and informal sector. Rehabilitation policies and legal angle. Various schemes and case studies in India and abroad on the same.	
2-1	Industrialization and industrial development: Policy in India, Agriculture in India, industrial development. Socio economic implications of industrialization. Case studies of towns and concepts developed post war.	CP Book 02
2-2	Concern for urban poverty. Factors responsible for migration and informal sector. Why stress is required Regional development and not just urban centres. Socio political issues. Data on urban poverty and its analysis.	

LEARNING RESOURCE DETAILS

LR Code	Title Author	Edition Year	ISBN Publisher
Text-Books			
-TB1			
Reference-Books			
A41012-RB1			
A41012-RB2			
A41012-RB3			
CD / DVD			
-CD1			
Web Links			
-WL1			

A41013: TRAFFIC & TRANSPORT DESIGN

PROGRAMME INFORMATION

SN	Description	Details
1	University	Yashwantrao Chavan Maharashtra Open University Nashik - 422 222, Maharashtra, India Website: http://www.ycmou.com/
2	School	School of Architecture, Science and Technology
3	Discipline	Architecture
4	Level	PG
5	Course Used in	V44: M.Arch. (Urban & Regional Planning)

COURSE INFORMATION

Sem	Code	Course Name	CP	CST	CAT	ST	CA	EE	TM	Type
01	A41013	Traffic & Transport Design	4	56	4	120	20	80	100	STW

PRESUMED KNOWLEDGE AND LEARNING OBJECTIVES

Presumed Knowledge	Learning Objectives
<p>For successful completion of this course, student should have successfully completed:</p> <ul style="list-style-type: none"> Passed the B.Arch. OR its equivalent examination. 	<p>After successful completion of this course, student should be able to:</p> <p>Become aware of evaluation of Urban Structure, Transportation systems infrastructure and management</p>

UNITS

UN	Name of the Unit	CSs	Questions
Four Case studies with analysis The projects to be include:			
1-1	Evaluation of Urban Structure Transportation systems	CP Block 01 CSs 01-15	Students have to submit 'Report of Activities' in CA and 'Term Work' for end exam on these units.
1-2	Transportation survey and studies		
2-1	Management of Transportation system	CP Block 02 CSs 15-30	Students have to submit 'Report of Activities' in CA and 'Term Work' for end exam on these units.
2-2	Management techniques		
3-1	Regional Transport system	CP Block 03 CSs 31-45	Students have to submit 'Report of Activities' in CA and 'Term Work' for end exam on these units.
3-2	Transport and Environment		
4-1	Transport policies	CP Block 04 CSs 46-60	Students have to submit 'Report of Activities' in CA and 'Term Work' for end exam on these units.
4-2	Overviews of system technologies		

DETAILED SYLLABUS

UN	Detail Syllabus of the Unit	CP Block
1-1	Evaluation of Urban Structure Transportation systems: infrastructure and management, transportation systems and their types, design and operating characteristics, urban road hierarchy planning, engineering and management; criteria for road and junction improvements, arterial improvement techniques.	CP Block 01
1-2	Transportation survey and studies: Study area definitions, surveys and their types, sampling methods, survey techniques; designing O-D and other Traffic and transportation surveys, programming and scheduling, processing of travel data, analysis and interpretation of traffic studies	
2-1	Management of Transportation system: Existing organizational and legal framework, traffic and environmental management techniques.	CP Block 02
2-2	Management techniques, review of existing traffic management schemes. Framework for evaluation of system option, plan preparation	
3-1	Regional Transport system: Importance of accessibility in regional transport planning. Role of road, rail, air and water transport systems. Regional transport systems, planning road network, planning for micro regions.	CP Block 03
3-2	Transport and Environment: Traffic noise, factors affecting noise, noise abatement measures, standards. Air pollution standards, traffic safety, accident reporting and recording systems. Factors affecting road safety, transport planning for target groups, children, adults handicapped and women. Norms and guidelines for highway landscape, street lighting types, standards and design considerations, transport and environment, EIA of transport project	
4-1	Transport policies: Review of national, state and local level transport policies and their relevance in spatial and economic planning, pricing and funding of transport systems, transport technology, energy and environmental implication in transport planning in developing countries; planning for public transportation; planning for bicyclists and pedestrians. Regional road network planning, highway project planning and financing Public transportation planning.	CP Block 04
4-2	Overviews of system technologies: technological options, characteristics choice of technology corridor analysis integrated system plan concept, system selection, legal and institutional provisions, pricing and financing of public transport service	

LEARNING RESOURCE DETAILS

LR Code	Title Author	Edition Year	ISBN Publisher
Text-Books			
	..TB1		
Reference-Books			
A41013-RB1			
A41013-RB2			
A41013-RB3			
CD / DVD			

-CD1			
Web Links			
-WL1			

A41014: URBAN AND RURAL HOUSING

PROGRAMME INFORMATION

SN	Description	Details
1	University	Yashwantrao Chavan Maharashtra Open University Nashik - 422 222, Maharashtra, India Website: http://www.ycmou.com/
2	School	School of Architecture, Science and Technology
3	Discipline	Architecture
4	Level	PG
5	Course Used in	V44: M.Arch. (Urban & Regional Planning)

COURSE INFORMATION

Sem	Code	Course Name	CP	CST	CAT	ST	CA	EE	TM	Type
01	A41014	Urban and Rural housing	4	56	4	120	20	80	100	STW

PRESUMED KNOWLEDGE AND LEARNING OBJECTIVES

Presumed Knowledge	Learning Objectives
<p>For successful completion of this course, student should have successfully completed:</p> <ul style="list-style-type: none"> Passed the B.Arch. OR its equivalent examination. 	<p>After successful completion of this course, student should be:</p> <p>Introduced to the issues related to Rural Development, Understand basic elements, principles and techniques National housing Policy, Evolution of housing, Institutional mechanism for housing</p>

UNITS

UN	Name of the Unit	CSs	Questions
1	Introduction to Rural Development	CP Block 01 CSs 01-15	Students have to submit 'Report of Activities' in CA and 'Term Work' for end exam on these units.
2	National housing Policy	CP Block 02 CSs 15-30	Students have to submit 'Report of Activities' in CA and 'Term Work' for end exam on these units.
3	Evolution of housing	CP Block 03 CSs 31-45	Students have to submit 'Report of Activities' in CA and 'Term Work' for end exam on these units.

4	Institutional mechanism for housing	CP Block 04 CSs 46-60	Students have to submit 'Report of Activities' in CA and 'Term Work' for end exam on these units.
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DETAILED SYLLABUS

UN	Detail Syllabus of the Unit	CP Block
1	Introduction to Rural Development: Rural Situation in India, Indian Village from the Pre-British Period to 1947. Rural Society and Economy: Agriculture Under Five Year Plans, Marketable Surplus and Cropping Pattern, Land Reforms in India : Need and Scope of Reforms, Tenancy Reforms and Operation Barga, Rural Credit. Social Stratification Changes and Modernization. Community Development and Panchayt Raj. Area Development and Target Group Based Development	CP Block 01
2	National housing Policy: implication of main features and overall understanding, Five year plans. Rural Social Change: Rural Poverty and Poverty Studies. Anti-poverty Programmes and Their Performances.	CP Block 02
3	Evolution of housing: settlement patterns, design components. Housing need assessment, forecasting requirements, understanding qualitative and quantitative. Economics of housing, concept of affordability, housing finance, Housing for poor, slum and related policies	CP Block 03
4	Institutional mechanism for housing: PPP and other models. Innovative approach to solving India's housing problem	CP Block 04

LEARNING RESOURCE DETAILS

LR Code	Title Author	Edition Year	ISBN Publisher
Text-Books			
-TB1			
Reference-Books			
A41014-RB1			
A41014-RB2			
A41014-RB3			
A41014-RB4			
CD / DVD			
-CD1			
Web Links			
-WL1			

A41015: ELECTIVE 1 DISASTER MANAGEMENT

PROGRAMME INFORMATION

SN	Description	Details
1	University	Yashwantrao Chavan Maharashtra Open University Nashik - 422 222, Maharashtra, India Website: http://www.ycmou.com/
2	School	School of Architecture, Science and Technology
3	Discipline	Architecture
4	Level	PG
5	Course Used in	V44: M.Arch. (Urban & Regional Planning)

COURSE INFORMATION

Sem	Code	Course Name	CP	CST	CAT	ST	CA	EE	TM	Type
01	A41015	Elective 1: Disaster Management	4	56	4	120	20	80	100	STW

PRESUMED KNOWLEDGE AND LEARNING OBJECTIVES

Presumed Knowledge	Learning Objectives
<p>For successful completion of this course, student should have successfully completed:</p> <ul style="list-style-type: none"> Passed the B.Arch. OR its equivalent examination. 	<p>After successful completion of this course, student should be able to:</p> <p>Understand issues related to disaster and overcoming ways preventive as well as remedial measures.</p>

UNITS

UN	Name of the Unit	CSs	Questions
1	Causes of disaster on Construction sites	CP Block 01 CSs 01-15	Students have to submit 'Report of Activities' in CA and 'Term Work' for end exam on these units.
2	Response teams and training	CP Block 02 CSs 15-30	Students have to submit 'Report of Activities' in CA and 'Term Work' for end exam on these units.
3	Legalities and responsibility	CP Block 03 CSs 31-45	Students have to submit 'Report of Activities' in CA and 'Term Work' for end exam on these units.
4	Case study	CP Block 04 CSs 46-60	Students have to submit 'Report of Activities' in CA and 'Term Work' for end exam on these units.

DETAILED SYLLABUS

UN	Detail Syllabus of the Unit	CP Block
1	Causes of disaster on Construction sites: Natural and human made hazards. Foresee possible risks and preparedness. Principals of Emergency Management: Comprehensive, progressive, risk driven, integrated, collaborative, coordinated, flexible, professional. Safety precautions and standards in work environment	CP Block 01
2	Response teams and training: Emergency and casualty prediction. Disaster relief operations. Organizational response. Recovery rescue. Medical aid and First aid response. Organizations for emergency management. Emergency management information. Crowd control and precautions after a disaster	CP Block 02
3	Legalities and responsibility: of organization with reference to safety on work sites. Insurance, financial aid and compensation	CP Block 03
4	Case study of an accident on site and appraisal of the case in view of the above mentioned issues	CP Block 04

LEARNING RESOURCE DETAILS

LR Code	Title Author	Edition Year	ISBN Publisher
Text-Books			
-TB1			
Reference-Books			
A41015-RB1			
A41015-RB2			
A41015-RB3			
CD / DVD			
-CD1			
Web Links			
-WL1			

A42015: ELECTIVE 2 BARRIER FREE DESIGN

PROGRAMME INFORMATION

SN	Description	Details
1	University	Yashwantrao Chavan Maharashtra Open University Nashik - 422 222, Maharashtra, India Website: http://www.ycmou.com/
2	School	School of Architecture, Science and Technology
3	Discipline	Architecture
4	Level	PG
5	Course Used in	V44: M.Arch. (Urban & Regional Planning)

COURSE INFORMATION

Sem	Code	Course Name	CP	CST	CAT	ST	CA	EE	TM	Type
01	A42015	Elective 2: Barrier Free design	4	56	4	120	20	80	100	STW

PRESUMED KNOWLEDGE AND LEARNING OBJECTIVES

Presumed Knowledge	Learning Objectives
<p>For successful completion of this course, student should have successfully completed:</p> <ul style="list-style-type: none"> Passed the B.Arch. OR its equivalent examination. 	<p>After successful completion of this course, student should be:</p> <p>Able to understand importance of universal design, provisions of Equal Opportunities, Protection of Rights & Full Participation legislations and awareness about barrier free design.</p>

UNITS

UN	Name of the Unit	CSs	Questions
1	Introduction to Concept of Barrier free design	CP Block 01 CSs 01-15	Students have to submit 'Report of Activities' in CA and 'Term Work' for end exam on these units.
2	Type of Disabilities	CP Block 02 CSs 15-30	Students have to submit 'Report of Activities' in CA and 'Term Work' for end exam on these units.
3	Minimum Access Provisions	CP Block 03 CSs 31-45	Students have to submit 'Report of Activities' in CA and 'Term Work' for end exam on these units.

4	Recommendations and Model Building bye Laws	CP Block 04 CSs 46-60	Students have to submit 'Report of Activities' in CA and 'Term Work' for end exam on these units.
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DETAILED SYLLABUS

UN	Detail Syllabus of the Unit	CP Block
1	Introduction to Concept of Barrier free design – Universal design. Principles: Equitable use, Flexibility in use, Simple & intuitive, Perceptible information, Tolerance for error, Low physical effort, Size & space for approach & use. "Persons with Disabilities (Equal Opportunities, Protection. of Rights and Full Participation) Act, 1996 enacted by the Government of India on January 1, 1996 are to create barrier free environment for persons with disabilities and to make special provisions for the integration of persons with disabilities into the social mainstream	CP Block 01
2	Type of Disabilities: Mobility Devices, Controls, Construction and Maintenance Standards, Classification of Buildings	CP Block 02
3	Minimum Access Provisions: required in various types of buildings, Design Elements within the Building Premises (Public Buildings), Guiding/Warning floor Material, Other Facilities, Design Elements out-side the Building, Residential Buildings, Auditorium, Parks, Restaurant, Railway Stations, other public spaces	CP Block 03
4	Recommendations and Model Building bye Laws	CP Block 04

LEARNING RESOURCE DETAILS

LR Code	Title Author	Edition Year	ISBN Publisher
Text-Books			
____-TB1			
Reference-Books			
A42015-RB1			
A42015-RB2			
A42015-RB3			
CD / DVD			
____-CD1			
Web Links			
____-WL1			

A41016: URBAN REGIONAL PLANNING STUDIO 1

PROGRAMME INFORMATION

SN	Description	Details
1	University	Yashwantrao Chavan Maharashtra Open University Nashik - 422 222, Maharashtra, India Website: http://www.ycmou.com/
2	School	School of Architecture, Science and Technology
3	Discipline	Architecture
4	Level	PG
5	Course Used in	V44: M.Arch. (Urban & Regional Planning)

COURSE INFORMATION

Sem	Code	Course Name	CP	CST	CAT	ST	CA	EE	TM	Type
01	A41016	Urban Regional Planning Studio 1	8	112	8	240	40	160	200	SV

PRESUMED KNOWLEDGE AND LEARNING OBJECTIVES

Presumed Knowledge	Learning Objectives
<p>For successful completion of this course, student should have successfully completed:</p> <ul style="list-style-type: none"> Passed the B.Arch. OR its equivalent examination. 	<p>After successful completion of this course, student should be able to:</p> <p>Understanding and documenting an Urban component. Develop awareness in physical context about implications of limited sources in design decision making.</p>

UNITS

UN	Name of the Unit	CSs	Questions
1 to 8	<p>Understanding and documenting an Urban component such market place, organic and planned, residential districts, station areas, mill lands, urban villages, transport hubs, Book reviews.</p> <p>Baseline surveys for a small/ medium town</p> <p>Data collection and analysis, comparing with benchmark/standards. Graphic representation of the same.</p>	<p>CP Block 01 to 08 CSs 01-120</p>	<p>Students are expected to complete sufficient number of projects related to this course, with regular critical remarks and assessment from the counselor and peer students, during the semester. External and internal experts will jointly evaluate these projects for 100 marks with viva after presentation by the student for about 5-7 minutes</p>

DETAILED SYLLABUS

UN	Detail Syllabus of the Unit	CP Block
1 to 8	Understanding and documenting an Urban component such market place, organic and planned, residential districts, station areas, mill lands, urban villages, transport hubs, Book reviews. Baseline surveys for a small/ medium town Data collection and analysis, comparing with benchmark/standards. Graphic representation of the same.	CP Block 01 to 08

LEARNING RESOURCE DETAILS

LR Code	Title Author	Edition Year	ISBN Publisher
Text-Books			
_____ -TB1			
Reference-Books			
A41016-RB1	Planning and Architecture Edited by Dennis Sharp Editor		
A41016-RB2	Planning feasible learning places By Leggett S Bru Baker C. W. & Cohodes A.		
A41016-RB3	Methods in Architecture By. Town Health		
CD / DVD			
_____ -CD1			
Web Links			
_____ -WL1			

SEMESTER 02

A41021: URBAN AND REGIONAL PLANNING SOCIOLOGY

PROGRAMME INFORMATION

SN	Description	Details
1	University	Yashwantrao Chavan Maharashtra Open University Nashik - 422 222, Maharashtra, India Website: http://www.ycmou.com/
2	School	School of Architecture, Science and Technology
3	Discipline	Architecture
4	Level	PG
5	Course Used in	V44: M.Arch. (Urban & Regional Planning)

COURSE INFORMATION

Sem	Code	Course Name	CP	CST	CAT	ST	CA	EE	TM	Type
02	A41021	Urban and regional planning sociology	2	20	2	60	10	40	50	TH

PRESUMED KNOWLEDGE AND LEARNING OBJECTIVES

Presumed Knowledge	Learning Objectives
For successful completion of this course, student should have successfully completed: <ul style="list-style-type: none">Passed the B.Arch.OR its equivalent examination.	After successful completion of this course, student should be able to: Develop an awareness & Significance of Sociology & social science, and Human Aspects of Urban Form Natural Influences, Evaluation Techniques, Standards.

UNITS

UN	Name of the Unit	CSs	Questions
1-1	Introduction to Sociology and social science	CP Block	Students have to answer '1 of 1' SAQ in CA and '1 of 1' SAQ & '1 of 2' LAQs in end exam on these units.
1-2	Sociology and its relation to planning	01 CSs 01-10	
2-1	Human Aspects of Urban Form	CP Block	Students have to answer '1 of 1' SAQ & '1 of 2' LAQs in end exam on these units.
2-2	Participatory planning principles	02 CSs 11-20	

DETAILED SYLLABUS

UN	Detail Syllabus of the Unit	CP Block
1-1	Introduction to Sociology and social science: Sociology and its relation to planning: Sociological theories and concepts - Society, Community, Social Group, Culture and Sociological Theories of Urbanization. Difference between urban and rural life style.	CP Block 01
1-2	Sociology and its relation to planning: Physical implications of social sciences, which are basically important to sketch a picture of any given area of study. How the social aspects can have their direct influence on planning decisions. Sociological Theories and Concepts: Society, Community, Social Group, Culture and Sociological Theories of Urbanization	
2-1	Human Aspects of Urban Form: Ethnicities in urban Society, Migration and Adjustment. Neighborhood as Social Institution. Urban conflict, urban social movements and urban Politics. Case studies of some places.	CP Block 02
2-2	Participatory planning principles: community participation in planning, 73rd and 74th amendment, bottom up approach. Good governance, institutional mechanism, Importance of local bodies. Peri-urban interface of Indian Cities growth and local initiatives	

LEARNING RESOURCE DETAILS

LR Code	Title Author	Edition Year	ISBN Publisher
Text-Books			
_____ -TB1			
Reference-Books			
A41021-RB1			
A41021-RB2			
A41021-RB3			
CD / DVD			
_____ -CD1			
Web Links			
_____ -WL1			

A41022: URBAN AND REGIONAL ECONOMICS

PROGRAMME INFORMATION

SN	Description	Details
1	University	Yashwantrao Chavan Maharashtra Open University Nashik - 422 222, Maharashtra, India Website: http://www.ycmou.com/
2	School	School of Architecture, Science and Technology
3	Discipline	Architecture
4	Level	PG
5	Course Used in	V44: M.Arch. (Urban & Regional Planning)

COURSE INFORMATION

Sem	Code	Course Name	CP	CST	CAT	ST	CA	EE	TM	Type
02	A41022	Urban and regional economics	2	20	2	60	10	40	50	TH

PRESUMED KNOWLEDGE AND LEARNING OBJECTIVES

Presumed Knowledge	Learning Objectives
<p>For successful completion of this course, student should have successfully completed:</p> <ul style="list-style-type: none"> Passed the B.Arch. OR its equivalent examination. 	<p>After successful completion of this course, student should be able to:</p> <p>To understand issues related to Urban economics Market forces, Housing and public policy, and Economic uplift.</p>

UNITS

UN	Name of the Unit	CSs	Questions
1-1	Introduction to Urban economics	CP Block 01 CSs 01-10	Students have to answer '1 of 1' SAQ in CA and '1 of 1' SAQ & '1 of 2' LAQs in end exam on these units.
1-2	Market forces in the development of cities		
2-1	Housing and public policy.	CP Block 02 CSs 11-20	Students have to answer '1 of 1' SAQ & '1 of 2' LAQs in end exam on these units.
2-2	National income estimate, Planning need, issues and five year plans. Economic uplift		

DETAILED SYLLABUS

UN	Detail Syllabus of the Unit	CP Block
1-1	Introduction to Urban economics: the location theories, process of spatial economic analysis. Economics is the study of the allocation of scarce resources, the location decisions.	CP Block 01
1-2	Market forces in the development of cities and location decisions, size and economic	

	structure. Economic policy- Urban problems and public policy. Land use and spatial organization of activities within cities, land-use controls, such as zoning, Issues that tie urban transportation to urban economics include the deficit that most transit authorities have, and efficiency questions about proposed transportation developments	
2-1	Housing and public policy. Scope of economics and its importance in urban and regional planning, micro and macro economics. Theory of production, Costs types, concepts, estimate, cost payback, Cost benefit ratio, Revenue, Budget estimates.	CP Book 02
2-2	National income estimate, Planning need, issues and five year plans. Economic uplift, backwardness, Poverty alleviation. Environmental cost, Good ecology is good economics, Environmental Valuation. Statistics: Descriptive statistics, Distribution, frequency Statistical tests, Presentation and interpretation of data, Design of experiment, Research Methods, Types of research, Research Problem. Regional influences on economics, production and industry. Project finance	

LEARNING RESOURCE DETAILS

LR Code	Title Author	Edition Year	ISBN Publisher
Text-Books			
_____ -TB1			
Reference-Books			
A41012-RB1			
A41012-RB2			
A41012-RB3			
CD / DVD			
_____ -CD1			
Web Links			
_____ - WL1			

A41023: URBAN AND RURAL LANDSCAPE DESIGN

PROGRAMME INFORMATION

SN	Description	Details
1	University	Yashwantrao Chavan Maharashtra Open University Nashik - 422 222, Maharashtra, India Website: http://www.ycmou.com/
2	School	School of Architecture, Science and Technology
3	Discipline	Architecture
4	Level	PG
5	Course Used in	V44: M.Arch. (Urban & Regional Planning)

COURSE INFORMATION

Sem	Code	Course Name	CP	CST	CAT	ST	CA	EE	TM	Type
02	A41023	Urban and Rural landscape design	4	56	4	120	20	80	100	STW

PRESUMED KNOWLEDGE AND LEARNING OBJECTIVES

Presumed Knowledge	Learning Objectives
<p>For successful completion of this course, student should have successfully completed:</p> <ul style="list-style-type: none"> Passed the B.Arch. OR its equivalent examination. 	<p>After successful completion of this course, student should be able to:</p> <p>To develop Design approach to Site planning in landscapes, Water shed management, Land transformation, The structure and components of urban and rural landscapes</p>

UNITS

UN	Name of the Unit	CSs	Questions
Four Case studies with analysis The projects to be include:			
1	Site planning, history of designed landscapes	CP Block 01 CSs 01-15	Students have to submit 'Report of Activities' in CA and 'Term Work' for end exam on these units.
2	Land transformation and habitat fragmentation, patterns and processes	CP Block 02 CSs 15-30	Students have to submit 'Report of Activities' in CA and 'Term Work' for end exam on these units.
3	Water shed management	CP Block 03 CSs 31-45	Students have to submit 'Report of Activities' in CA and 'Term Work' for end exam on these units.

4	The structure and components of urban and rural landscapes	CP Block 04 CSs 46-60	Students have to submit 'Report of Activities' in CA and 'Term Work' for end exam on these units.
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DETAILED SYLLABUS

UN	Detail Syllabus of the Unit	CP Block
1	Site planning, history of designed landscapes. Regional landscapes – hydrology, geology, local topography, indigenous species-plant and animal biodiversity. Evolving design objectives for various regional landscapes.	CP Block 01
2	Land transformation and habitat fragmentation, patterns and processes along urban-rural gradients, the impacts of urbanization on biodiversity and strategies to mitigate them.	CP Block 02
3	Water shed management – river basins Forest cover and management - Forest types. importance, management, forest cover and biodiversity. Agriculture management- soil types, agricultural land, problems of intensive cultivation production, crop rotation, soil conservation, erosion, degradation	CP Block 03
4	The structure and components of urban and rural landscapes – documenting components such as parks, plazas, grounds, road dividers, traffic signals, dumping grounds, green belts etc	CP Block 04

LEARNING RESOURCE DETAILS

LR Code	Title Author	Edition Year	ISBN Publisher
Text-Books			
_____ -TB1			
Reference-Books			
A41023-RB1			
A41023-RB2			
A41023-RB3			
A41023-RB4			
CD / DVD			
_____ -CD1			
Web Links			
_____ -WL1			

A41024: COMPUTER AIDED DESIGN

PROGRAMME INFORMATION

SN	Description	Details
1	University	Yashwantrao Chavan Maharashtra Open University Nashik - 422 222, Maharashtra, India Website: http://www.ymcou.com/
2	School	School of Architecture, Science and Technology
3	Discipline	Architecture
4	Level	PG
5	Course Used in	V44: M.Arch. (Urban & Regional Planning)

COURSE INFORMATION

Sem	Code	Course Name	CP	CST	CAT	ST	CA	EE	TM	Type
02	A41024	Computer Aided Design	4	56	4	120	20	80	100	STW

PRESUMED KNOWLEDGE AND LEARNING OBJECTIVES

Presumed Knowledge	Learning Objectives
<p>For successful completion of this course, student should have successfully completed:</p> <ul style="list-style-type: none"> Passed the B.Arch. OR its equivalent examination. 	<p>After successful completion of this course, student should be:</p> <p>Introduced to various modern software used and methods used in design process.</p>

UNITS

UN	Name of the Unit	CSs	Questions
1 & 2	Introduction to software techniques used in modern surveying	CP Block 01 & 02 CSs 01-30	Students have to submit 'Report of Activities' in CA and 'Term Work' for end exam on these units.
3 & 4	Introduction to Information as resource elements in planning, data bank, census, planning.	CP Block 03 & 04 CSs 31-60	Students have to submit 'Report of Activities' in CA and 'Term Work' for end exam on these units.

DETAILED SYLLABUS

UN	Detail Syllabus of the Unit	CP Block
1 & 2	Introduction to software techniques used in modern surveying. Interpretation and inter conversion of data vector-raster images. Introduction to 3D topographic maps, reading, interpreting and creating using BIM, Solid modeling software	CP Block 01 & 02
3	Introduction to Information as resource elements in planning; cost and value of	CP

& 4	information systems in planning; data bank; census information related to planning; surveys and analyses of information systems; assessing information needs in planning; adjusting the information systems to planning needs; planning decision making and decision taking information systems; physical and socio-economic information systems.	Block 03 & 04
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LEARNING RESOURCE DETAILS

LR Code	Title Author	Edition Year	ISBN Publisher
Text-Books			
_____ -TB1			
Reference-Books			
A41024-RB1			
A41024-RB2			
A41024-RB3			
_____ -CD1			
Web Links			
_____ -WL1			

A41025: ELECTIVE 1 GEOGRAPHIC MAPPING SYSTEMS (GIS)

PROGRAMME INFORMATION

SN	Description	Details
1	University	Yashwantrao Chavan Maharashtra Open University Nashik - 422 222, Maharashtra, India Website: http://www.ycmou.com/
2	School	School of Architecture, Science and Technology
3	Discipline	Architecture
4	Level	PG
5	Course Used in	V44: M.Arch. (Urban & Regional Planning)

COURSE INFORMATION

Sem	Code	Course Name	CP	CST	CAT	ST	CA	EE	TM	Type
02	A41025	Elective 1: Geographic Mapping Systems (GIS)	4	56	4	120	20	80	100	STW

PRESUMED KNOWLEDGE AND LEARNING OBJECTIVES

Presumed Knowledge	Learning Objectives
<p>For successful completion of this course, student should have successfully completed:</p> <ul style="list-style-type: none"> Passed the B.Arch. OR its equivalent examination. 	<p>After successful completion of this course, student should be:</p> <p>Able to be aware of use GIS to create and analyze spatial data for environmental planning purposes</p>

UNITS

UN	Name of the Unit	CSs	Questions
1	Introduction to Geographic Information System	CP Block 01 CSs 01-15	Students have to submit 'Report of Activities' in CA and 'Term Work' for end exam on these units.
2	GIS Techniques & technology	CP Block 02 CSs 15-30	Students have to submit 'Report of Activities' in CA and 'Term Work' for end exam on these units.
3	Data representation	CP Block 03 CSs 31-45	Students have to submit 'Report of Activities' in CA and 'Term Work' for end exam on these units.
4	Data modeling, topological modeling	CP Block 04 CSs 46-60	Students have to submit 'Report of Activities' in CA and 'Term Work' for end exam on these units.

DETAILED SYLLABUS

UN	Detail Syllabus of the Unit	CP Block
1	Introduction to Geographic Information System. Application in resource management, urban planning, infrastructure assessment & development, etc	CP Block 01
2	GIS Techniques & technology. Relating information from different sources, map projections, CAD drawings	CP Block 02
3	Data representation: Raster – Vector. Data capture. Spatial analysis	CP Block 03
4	Data modeling, topological modeling, map overlay, geological information	CP Block 04

LEARNING RESOURCE DETAILS

LR Code	Title Author	Edition Year	ISBN Publisher
Text-Books			
_____ -TB1			
Reference-Books			
A41025-RB1			
A41025-RB2			
A41025-RB3			
CD / DVD			
_____ -CD1			
Web Links			
_____ -WL1			

A42025: ELECTIVE 2 REGIONAL LAND ECONOMICS

PROGRAMME INFORMATION

SN	Description	Details
1	University	Yashwantrao Chavan Maharashtra Open University Nashik - 422 222, Maharashtra, India Website: http://www.ycmou.com/
2	School	School of Architecture, Science and Technology
3	Discipline	Architecture
4	Level	PG
5	Course Used in	V44: M.Arch. (Urban & Regional Planning)

COURSE INFORMATION

Sem	Code	Course Name	CP	CST	CAT	ST	CA	EE	TM	Type
02	A42025	Elective 2: Regional Land Economics	4	56	4	120	20	80	100	STW

PRESUMED KNOWLEDGE AND LEARNING OBJECTIVES

Presumed Knowledge	Learning Objectives
<p>For successful completion of this course, student should have successfully completed:</p> <ul style="list-style-type: none"> Passed the B.Arch. OR its equivalent examination. 	<p>After successful completion of this course, student should be:</p> <p>Introduced to Regional Land Economics, History of development in real estate, Methods of revenue, land tenure ship and Real estate market.</p>

UNITS

UN	Name of the Unit	CSs	Questions
1-1	Introduction to Regional Land Economics:	CP Block 01 CSs 01-15	Students have to submit 'Report of Activities' in CA and 'Term Work' for end exam on these units.
1-2	Case studies, with respect to various cities		
2-1	History of development in real estate	CP Block 02 CSs 15-30	Students have to submit 'Report of Activities' in CA and 'Term Work' for end exam on these units.
2-2	Methods of revenue		
3-1	Informal and non-formal land tenure ship	CP Block 03 CSs 31-45	Students have to submit 'Report of Activities' in CA and 'Term Work' for end exam on these units.
3-2	Real estate market		
4	Criteria for assessing commercial property and Evaluation	CP Block 04 CSs 46-60	Students have to submit 'Report of Activities' in CA and 'Term Work' for end exam on these units.

DETAILED SYLLABUS

UN	Detail Syllabus of the Unit	CP Block
1-1	Introduction to Regional Land Economics: Definition, scope and content of Regional Planning. With a proper methods of region delineation based on geography or other factors. Various highlights of a region including sociological and cultural issues.	CP Block 01
1-2	Case studies, with respect to various cities / regions especially of key urban centres in India where real estate is very expensive and limited. Study of different policies and its effect on overall real estate market.	
2-1	History of development in real estate property and land. Prospect of real estate business and nature of services in India. Land record and information systems – Survey and mapping	CP Block 02
2-2	Methods of revenue land survey, of settlement as part of the settlement record-Registration Act. Various kinds of legal & non formal land tenure ship – Marketability	
3-1	Informal and non-formal land tenure ship (slums and squatters). Land Price & Appreciations; Factors that governs Land Price appreciation. Real Estate Development Services.	CP Block 04
3-2	Real estate market and its situation analysis, Market survey for overall real estate business, Assessing residential property demand	
4	Criteria for assessing commercial property. Evaluation sties for commercial actives, concepts of “area sales activities”, “level of competition”, “trade area analysis”, “catchments area analysis” and “regression analysis”. and “regression analysis”.	CP Block 04

LEARNING RESOURCE DETAILS

LR Code	Title Author	Edition Year	ISBN Publisher
Text-Books			
-TB1			
Reference-Books			
A42025-RB1			
A42025-RB2			
A42025-RB3			
CD / DVD			
-CD1			
Web Links			
-WL1			

A41026: ENVIRONMENTAL ARCHITECTURE STUDIO 2

PROGRAMME INFORMATION

SN	Description	Details
1	University	Yashwantrao Chavan Maharashtra Open University Nashik - 422 222, Maharashtra, India Website: http://www.ymcou.com/
2	School	School of Architecture, Science and Technology
3	Discipline	Architecture
4	Level	PG
5	Course Used in	V44: M.Arch. (Urban & Regional Planning)

COURSE INFORMATION

Sem	Code	Course Name	CP	CST	CAT	ST	CA	EE	TM	Type
02	A41026	Environmental Architecture Studio 2	8	112	8	120	40	160	200	SV

PRESUMED KNOWLEDGE AND LEARNING OBJECTIVES

Presumed Knowledge	Learning Objectives
<p>For successful completion of this course, student should have successfully completed:</p> <ul style="list-style-type: none"> Passed the B.Arch. OR its equivalent examination. 	<p>After successful completion of this course, student should be able to:</p> <p>Acquire a comprehensive base of knowledge required for the practice of architecture.</p> <p>Develop awareness in physical context about implications of limited sources in design decision making.</p>

UNITS

UN	Name of the Unit	CSs	Questions
1 to 8	<p>Preparing CDP for the same small/medium town for which baseline survey was done in first Semester</p> <p>Book reviews</p> <p>Studying and analyzing CDPs of some existing towns</p> <p>Policy and legal parameters pertaining to the context</p>	<p>CP</p> <p>Block 01 to 08</p> <p>CSs 01-120</p>	<p>Students are expected to complete sufficient number of projects related to this course, with regular critical remarks and assessment from the counselor and peer students, during the semester. External and internal experts will jointly evaluate these projects for 100 marks with viva after presentation by the student for about 5-7 minutes</p>

DETAILED SYLLABUS

UN	Detail Syllabus of the Unit	CP Block
1 to 8	Preparing CDP for the same small/medium town for which baseline survey was done in first Semester Book reviews Studying and analyzing CDPs of some existing towns Policy and legal parameters pertaining to the context	CP Block 01 to 08

LEARNING RESOURCE DETAILS

LR Code	Title Author	Edition Year	ISBN Publisher
Text-Books			
-TB1			
Reference-Books			
A41016-RB1	Planning and Architecture Edited by Dennis Sharp Editor		
A41016-RB2	Planning feasible learning places By Leggett S Bru Baker C. W. & Cohodes A.		
A41016-RB3	Methods in Architecture By. Town Health		
CD / DVD			
-CD1			
Web Links			
-WL1			

SEMESTER 03

A41031: URBAN AND REGIONAL PLANNING LEGISLATION

PROGRAMME INFORMATION

SN	Description	Details
1	University	Yashwantrao Chavan Maharashtra Open University Nashik - 422 222, Maharashtra, India Website: http://www.ycmou.com/
2	School	School of Architecture, Science and Technology
3	Discipline	Architecture
4	Level	PG
5	Course Used in	V44: M.Arch. (Urban & Regional Planning)

COURSE INFORMATION

Sem	Code	Course Name	CP	CST	CAT	ST	CA	EE	TM	Type
03	A41031	Urban and regional planning legislation	2	20	2	60	10	40	50	TH

PRESUMED KNOWLEDGE AND LEARNING OBJECTIVES

Presumed Knowledge	Learning Objectives
For successful completion of this course, student should have successfully completed: <ul style="list-style-type: none">Passed the B.Arch.OR its equivalent examination.	After successful completion of this course, student should be able to: Develop an awareness about Concept of legislation & Management, Legal Issues, Development and Finance

UNITS

UN	Name of the Unit	CSs	Questions
1-1	Introduction – Governance as a Concept of legislation & Management	CP Block 01	Students have to answer '1 of 1' SAQ in CA and '1 of 1' SAQ & '1 of 2' LAQs in end exam on these units.
1-2	Legal Issues	CSs 01-10	
2-1	Development – Decentralization and Participation, Urban Governance in the contemporary context	CP Block 02	Students have to answer '1 of 1' SAQ & '1 of 2' LAQs in end exam on these units.
2-2	Urban Government Finance:	CSs 11-20	

DETAILED SYLLABUS

UN	Detail Syllabus of the Unit	CP Block
1-1	Introduction – Governance as a Concept: Metropolitan government system in India: A review of major development authorities and a few small development authorities in terms of institutional and legal framework (functions, responsibilities, funding and planning). Urban Governance and	CP Block 01

1-2	<p>Management: Introduction to course and Urban Management, concepts, planning and management of Urban Government Issues in Urban Management, Need for urban local government. An overview of Municipal Act in terms of structure, functions and delegation of powers</p> <p>Legal Issues: Planning in India, Urbanization, Industrialization and Polices, Paradigm Shift, Study of relevant urban development laws and Acts. Case studies. Urban Governance and management: Organizational management techniques, Application of management techniques used by urban local bodies for improvement of organizational capacities.</p>	
2-1	<p>Development – Decentralization and Participation: Decentralization of work system: Departmental procedures, authority and responsibilities, departmental communications and co-ordinations. Need for decentralization strategy. Case study on Urban Development Department /Health and Education Department.</p>	CP Book 02
2-2	<p>Urban Governance in the contemporary context: Review of state local financing relationship policies and procedures, factions and financial relationships in urban local government issues in finances, management and schemes sectioning. Urban Government Finance: Municipal tax structure for recourse mobilization, main sources of revenue for local authorities: Property tax, issues and imperatives. Policies and procedure for raising financial resources and commercial accounting system, capital financing debt management</p>	

LEARNING RESOURCE DETAILS

LR Code	Title Author	Edition Year	ISBN Publisher
Text-Books			
-TB1			
Reference-Books			
A41031-RB1			
A41031-RB2			
A41031-RB3			
CD / DVD			
-CD1			
Web Links			
-WL1			

A41032: RESEARCH METHODOLOGY & STRATEGIES

PROGRAMME INFORMATION

SN	Description	Details
1	University	Yashwantrao Chavan Maharashtra Open University Nashik - 422 222, Maharashtra, India Website: http://www.ymcou.com/
2	School	School of Architecture, Science and Technology
3	Discipline	Architecture
4	Level	PG
5	Course Used in	V44: M.Arch. (Urban & Regional Planning)

COURSE INFORMATION

Sem	Code	Course Name	CP	CST	CAT	ST	CA	EE	TM	Type
03	A41032	Research Methodology & Strategies	2	20	2	60	10	40	50	TH

PRESUMED KNOWLEDGE AND LEARNING OBJECTIVES

Presumed Knowledge	Learning Objectives
<p>For successful completion of this course, student should have successfully completed:</p> <ul style="list-style-type: none"> Passed the B.Arch. OR its equivalent examination. 	<p>After successful completion of this course, student should be able to:</p> <ul style="list-style-type: none"> To understand importance of research in architecture and the theoretical and practical significance of research, types of research in process of formulating a research plan, various methods of research, their applications, data and simple statistical analysis, interpret and infer from the data. To understand methods of technical writing and presenting a research report.

UNITS

UN	Name of the Unit	CSs	Questions
1-1	Introduction to "research" and its significance in architecture.	CP Block 01 CSs 01-10	Students have to answer '1 of 1' SAQ in CA and '1 of 1' SAQ & '1 of 2' LAQs in end exam on these units.
1-2	Research Design: Components of research, Literature Study and Research		
1-3	Methods of Research in Architecture: Interview Techniques, Visual Techniques		
2-1	Analysis : Content Analysis, Data Documentation and Analysis.	CP Block 02 CSs 11-20	Students have to answer '1 of 1' SAQ & '1 of 2' LAQs in end exam on these units.
2-2	Introduction to the Statistics: Introduction to the simple statistical methods of analyzing numerical data, statistical data analysis, Presentation & Reporting, Reporting the Research.		

DETAILED SYLLABUS

UN	Detail Syllabus of the Unit	CP Block
1-1	Introduction to “research” and its significance in architecture – meaning of research. Relationship between design and research. Types of research in architecture, areas of research in architecture, qualitative and quantitative paradigms.	CP Block 01
1-2	Research Design: Components of research design – formulating the research questions, hypothesis, choosing the sample, methods of data collection, analyzing the data and inferring from the data. Concepts of dependent and independent variables, unit of analysis. Defining the scope and limitations of a research plan, significance of the research outcome. Preparing time schedule & budget for a research plan. Literature Study and Research: Significance of literature study in research, different sources of information such as books, journals, newspapers, internet, magazines, audio-recordings, etc. Referencing and documenting the bibliography.	
1-3	Methods of Research in Architecture: Interview Techniques: Questionnaires /Face to face Interviews / Internet survey. Designing a Questionnaire / Interview schedule. Visual Techniques: Observations (participant / non-participant / direct), activity mapping, accession/erosion trace observations, cognitive maps, etc	
2-1	Analysis : Content Analysis: Secondary data analysis: Understanding the relative advantages, disadvantages and application of various methods mentioned above and choosing a method appropriate for a research to achieve its objectives. Data Documentation and Analysis: Understanding the nature of data collected and methods of analysis suitable for that data (graphical / numerical / descriptive). Converting data into numerical form for data analysis.	CP Block 02
2-2	Introduction to the Statistics: Introduction to the simple statistical methods of analyzing numerical data – frequencies / percentages, mean / median / mode, correlation, chi square test – inferring from the data and interpreting the meaning of those inferences. Use of MS Excel for statistical data analysis. Presentation & Reporting: Presentation of the Data: Techniques of presenting the numerical data – graphical (pie charts, bar charts, line graphs etc.), tabulations, verbal qualitative data, architectural drawings / maps. Reporting the Research : Different sections of a research report, technical writing and language (tense, voice, etc.), formatting of a report.	

LEARNING RESOURCE DETAILS

LR Code	Title Author	Edition Year	ISBN Publisher
Text-Books			
TB1			
Reference-Books			
A41031-RB1	The Practice of Social Research Babbie, E.	3rd Ed.1983	Belmont :Wadsworth Publishing Co..
A41031-RB2	Research Design: Qualitative, quantitative and mixed methods approaches	2nd Ed 2003.	Thousand Oaks : Sage

	By Creswell, J. W.		
A41031-RB3	Research Design: Qualitative & Quantitative Approaches By Creswell, J. W.	1994	Thousand Oaks : Sage
A41031-RB4	Surveys in Social Research, Jaipur By De Vaus, D. A	2003	Rawat Publications
A41031-RB5	Qualitative Data Analysis : A User Friendly Guide for Social Scientists By Dey, I	1993	London : Routledge
A41012-RB6	Architectural Research Methods By Groat, L. & Wang, D.	2002	NY : John Wiley and Sons Inc.
A41012-RB7	Research Methodology : Methods and Techniques By Kothari, C.R.	2005	New Delhi : Wishwa Prakashan
A41012-RB8	Research Methods in the Social Sciences By Nachmias, C. F. and Nachmias, D.	5th Ed 1996	Great Britain: St. Martin's Press Inc
A41012-RB9	Handbook of Qualitative Research By Norman K Denzin and Yvonna S Lincoln (Eds.)	pp.377-392.1994.	Thousand Oaks : Sage Publications
A41012-RB10	Qualitative Evaluation Methods By Patton, M. Q.	1980	Sage Publications
A41012-RB11	Methods of Architectural Programming By Sanoff, H	1977	Dowden Hutchinson and Ross, Inc. Vol. 29, Community Development Series
A41012-RB12	Visual research methods in design By Sanoff, H	1991	USA : Van Nostrand Reinhold
A41012-RB13	Interpreting Qualitative Data : Methods for Analysing Talk, Text and Interaction By Silverman, D.	1993	, London: Sage Publication
A41012-RB14	Behavioral Methods in Environmental Design By William Michelson (ed.)	1982	Stroudsberg, Pennsylvania : Dowden Hutchinson and Ross. Inc.
CD / DVD			
-CD1			
Web Links			
-WL1			

A41033: INFRASTRUCTURE SERVICES

PROGRAMME INFORMATION

SN	Description	Details
1	University	Yashwantrao Chavan Maharashtra Open University Nashik - 422 222, Maharashtra, India Website: http://www.ymcou.com/
2	School	School of Architecture, Science and Technology
3	Discipline	Architecture
4	Level	PG
5	Course Used in	V44: M.Arch. (Urban & Regional Planning)

COURSE INFORMATION

Sem	Code	Course Name	CP	CST	CAT	ST	CA	EE	TM	Type
03	A41033	Infrastructure Services	4	56	4	120	20	80	100	STW

PRESUMED KNOWLEDGE AND LEARNING OBJECTIVES

Presumed Knowledge	Learning Objectives
<p>For successful completion of this course, student should have successfully completed:</p> <ul style="list-style-type: none"> Passed the B.Arch. OR its equivalent examination. 	<p>After successful completion of this course, student should be able to:</p> <p>Be aware of issues related to Infrastructure development of various kinds.</p>

UNITS

UN	Name of the Unit	CSs	Questions
Case study of an existing large scale project of one of the building typologies in view of the following aspects.			
1	Infrastructure development planning:	CP Block 01 CSs 01-15	Students have to submit 'Report of Activities' in CA and 'Term Work' for end exam on these units.
2	Water Supply: Water Cycle and Water Resources, System. Watershed Management, Drainage and Sanitation	CP Block 02 CSs 15-30	Students have to submit 'Report of Activities' in CA and 'Term Work' for end exam on these units.
3	Power (Electricity), Telecommunication	CP Block 03 CSs 31-45	Students have to submit 'Report of Activities' in CA and 'Term Work' for end exam on these units.
4	Civic Amenities	CP Block 04 CSs 46-60	Students have to submit 'Report of Activities' in CA and 'Term Work' for end exam on these units.

DETAILED SYLLABUS

UN	Detail Syllabus of the Unit	CP Block
	Case study of an existing large scale project of one of the building typologies like: High end hospitality industry, Super specialty hospitals, Airports & mass transportation terminals, Research laboratories, High end IT parks & establishments, High rise buildings, State Secretariat and assembly, Mass Housing Project of a large magnitude; In view of the following aspects, within the project:	
1	Infrastructure development planning: financing issues and emerging options. Demand, gap and issues, pricing policies.	CP Block 01
2	Water Supply: Water Cycle and Water Resources. Water Balance. Per capita water supply, norms, Water quality, Treatment of water. Storage of Water. Planning and Design criteria for Distribution. Block Cost Estimation of water Supply Scheme. Water Losses and Un-accounted for Water. Rain Water Harvesting concept. Water Supply System. Watershed Management. Role of micro-level water management committees. Drainage and Sanitation. Basic planning and design riteria, norm, etc. Re-use and recycling of waste water. Treatment of waste water (conventional). Low cost treatment, land based treatment methods	CP Block 02
3	Power (Electricity), Telecommunication, advanced communication services,	CP Block 03
4	Civic Amenities, Roads, Health care, Education, Recreation, Communication, Community halls, Markets, Security, Safety, (Fire station), etc	CP Block 04

LEARNING RESOURCE DETAILS

LR Code	Title Author	Edition Year	ISBN Publisher
Text-Books			
-TB1			
Reference-Books			
A41033-RB1			
A41033-RB2			
A41033-RB3			
A41033-RB4			
CD / DVD			
-CD1			
Web Links			
-WL1			

A41034: SUSTAINABLE COMMUNITY DEVELOPMENT

PROGRAMME INFORMATION

SN	Description	Details
1	University	Yashwantrao Chavan Maharashtra Open University Nashik - 422 222, Maharashtra, India Website: http://www.ymcou.com/
2	School	School of Architecture, Science and Technology
3	Discipline	Architecture
4	Level	PG
5	Course Used in	V44: M.Arch. (Urban & Regional Planning)

COURSE INFORMATION

Sem	Code	Course Name	CP	CST	CAT	ST	CA	EE	TM	Type
03	A41034	Sustainable community development	4	56	4	120	20	80	100	STW

PRESUMED KNOWLEDGE AND LEARNING OBJECTIVES

Presumed Knowledge	Learning Objectives
<p>For successful completion of this course, student should have successfully completed:</p> <ul style="list-style-type: none"> Passed the B.Arch. OR its equivalent examination. 	<p>After successful completion of this course, student should be:</p> <p>To develop awareness and understanding of importance of sustainable development.</p>

UNITS

UN	Name of the Unit	CSs	Questions
1	Natural resources: Renewable-Non-renewable	CP Block 01 CSs 01-15	Students have to submit 'Report of Activities' in CA and 'Term Work' for end exam on these units.
2	Carrying capacity: Meaning, Description, Calculations & significance	CP Block 02 CSs 15-30	Students have to submit 'Report of Activities' in CA and 'Term Work' for end exam on these units.
3	Community Based Management	CP Block 03 CSs 31-45	Students have to submit 'Report of Activities' in CA and 'Term Work' for end exam on these units.
4	Soil forest and living resources. Water as precious resource.	CP Block 04 CSs 46-60	Students have to submit 'Report of Activities' in CA and 'Term Work' for end exam on these units.

DETAILED SYLLABUS

UN	Detail Syllabus of the Unit	CP Block
1	Natural resources: Renewable, Non-renewable, Sources availability (India, world), Per capita consumption Individual resources: Minerals – metals, Water – sources, utilization, arability, fuels, fossil fuels, origin, availability, problems, Energy, consumption, efficiency, conservation soil sand, stone, forest. Renewable resources: Solar energy – photosynthesis, Biomass, Wind energy, Tidal energy, Recycling – solids, water, composting as natural mechanism	CP Block 01
2	Carrying capacity: Meaning, Description, Calculations & significance. Study these with relation to a case study. Understand sustainable development and concepts of carrying capacity. Give historic examples of settlements which were sustainable	CP Block 02
3	Community Based Management (CBRM), Common property resource management, Community Participation, Watershed development scheme. Participatory models and their advantages. Role of each player	CP Block 03
4	Soil forest and living resources: Forest types. importance, management, forest cover and biodiversity, soil types, agricultural land, problems of intensive cultivation production, soil conservation, erosion, degradation, waste land, land use pattern. Water as precious resource: Types of water and water uses (categories), domestic, agricultural, industrial, recreation etc. Water needs shortage, Water management, water harvesting, water sheds, water recycling, water conservation, optimal utilization	CP Block 04

LEARNING RESOURCE DETAILS

LR Code	Title Author	Edition Year	ISBN Publisher
Text-Books			
_____ -TB1			
Reference-Books			
A41024-RB1			
A41024-RB2			
A41024-RB3			
CD / DVD			
_____ -CD1			
Web Links			
_____ -WL1			

A41035: ELECTIVE 1 URBAN DESIGN DOCUMENTATION

PROGRAMME INFORMATION

SN	Description	Details
1	University	Yashwantrao Chavan Maharashtra Open University Nashik - 422 222, Maharashtra, India Website: http://www.ymcou.com/
2	School	School of Architecture, Science and Technology
3	Discipline	Architecture
4	Level	PG
5	Course Used in	V44: M.Arch. (Urban & Regional Planning)

COURSE INFORMATION

Sem	Code	Course Name	CP	CST	CAT	ST	CA	EE	TM	Type
03	A41035	Elective 1: Urban Design Documentation	4	56	4	120	20	80	100	STW

PRESUMED KNOWLEDGE AND LEARNING OBJECTIVES

Presumed Knowledge	Learning Objectives
<p>For successful completion of this course, student should have successfully completed:</p> <ul style="list-style-type: none"> Passed the B.Arch. OR its equivalent examination. 	<p>After successful completion of this course, student should be able to understand: Importance of documentation and various processes commonly used.</p>

UNITS

UN	Name of the Unit	CSs	Questions
1	Purpose of Documentation	CP Block 01 CSs 01-15	Students have to submit 'Report of Activities' in CA and 'Term Work' for end exam on these units.
2	Research: historical research related to Styles and contemporary works	CP Block 02 CSs 15-30	Students have to submit 'Report of Activities' in CA and 'Term Work' for end exam on these units.
3	Geodetic survey	CP Block 03 CSs 31-45	Students have to submit 'Report of Activities' in CA and 'Term Work' for end exam on these units.
4	The final presentation	CP Block 04 CSs 46-60	Students have to submit 'Report of Activities' in CA and 'Term Work' for end exam on these units.

DETAILED SYLLABUS

UN	Detail Syllabus of the Unit	CP Block
1	Purpose of Documentation: To Record Existing structure, to aim at conservation of the structure, etc. Selection of the project: Heritage documentation, Monograph of an Architect, Contemporary project, etc.	CP Block 01
2	Research: historical research related to Styles and contemporary works, influence of culture and technology, context etc.	CP Block 02
3	Geodetic survey: Topographic maps, road maps, site maps etc. Architectural survey: survey methodology, physical measure drawings, Photographic survey, Digital Architectural Photogrammetry, 2 D & 3D digital drawings, etc	CP Block 03
4	The final presentation shall be a document of a small Architectural example or part of the structure, where the content will cover various issues mentioned above.	CP Block 04

LEARNING RESOURCE DETAILS

LR Code	Title Author	Edition Year	ISBN Publisher
Text-Books			
_____ -TB1			
Reference-Books			
A41035-RB1			
A41035-RB2			
A41035-RB3			
CD / DVD			
_____ -CD1			
Web Links			
_____ -WL1			

A42035: ELECTIVE 2 CONSERVATION IN URBAN CONTEXT

PROGRAMME INFORMATION

SN	Description	Details
1	University	Yashwantrao Chavan Maharashtra Open University Nashik - 422 222, Maharashtra, India Website: http://www.ycmou.com/
2	School	School of Architecture, Science and Technology
3	Discipline	Architecture
4	Level	PG
5	Course Used in	V44: M.Arch. (Urban & Regional Planning)

COURSE INFORMATION

Sem	Code	Course Name	CP	CST	CAT	ST	CA	EE	TM	Type
03	A42035	Elective 2: Conservation in Urban Context	4	56	4	120	20	80	100	STW

PRESUMED KNOWLEDGE AND LEARNING OBJECTIVES

Presumed Knowledge	Learning Objectives
<p>For successful completion of this course, student should have successfully completed:</p> <ul style="list-style-type: none"> Passed the B.Arch. OR its equivalent examination. 	<p>After successful completion of this course, student should be:</p> <p>Introduced to the artistic and social movement form of architecture thus seeking a systematic and pattern-based understanding of past and present, and to determine the likelihood of conserving the heritage.</p>

UNITS

UN	Name of the Unit	CSs	Questions
1	Introduction to architectural conservation of Urban/rural centers or complexes of historical/cultural importance	CP Block 01 CSs 01-15	Students have to submit 'Report of Activities' in CA and 'Term Work' for end exam on these units.
2	Preparatory procedure for conservation :	CP Block 02 CSs 15-30	Students have to submit 'Report of Activities' in CA and 'Term Work' for end exam on these units.
3	Conservation procedure	CP Block 03 CSs 31-45	Students have to submit 'Report of Activities' in CA and 'Term Work' for end exam on these units.

4	Case study / appraisal of Conservation project	CP Block 04 CSs 46-60	Students have to submit 'Report of Activities' in CA and 'Term Work' for end exam on these units.
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DETAILED SYLLABUS

UN	Detail Syllabus of the Unit	CP Block
1	Introduction to architectural conservation of Urban/rural centers or complexes of historical/cultural importance - definition nature, purpose and scope. Values in conservation; Ethics of conservation building conservation legislation etc	CP Block 01
2	Preparatory procedure for conservation : Inventories, inspection, documentation; degree of intervention for prevention of deterioration, prevention of existing state, consolidation of the fabric, restoration, rehabilitation, reproduction, reconstruction etc. Structural aspects of buildings to study etc. Causes of dilapidation in buildings and surrounding spaces by natural and human factors, Disasters, Botanical, Biological and Microbiological causes	CP Block 02
3	Conservation procedure - the work of conservation Architect and his team of coworkers: inspection documentation and reports, Research, analysis, Preventive maintenance, fire and security, cost control, special skills in arts and crafts	CP Block 03
4	Case study / appraisal of Conservation project of a medium size in view of the above issues referred in block 1 to 3 above	CP Block 04

LEARNING RESOURCE DETAILS

LR Code	Title Author	Edition Year	ISBN Publisher
Text-Books			
-TB1			
Reference-Books			
A42035-RB1			
A42035-RB2			
A42035-RB3			
CD / DVD			
-CD1			
Web Links			
-WL1			

A41036: DESIGN STUDIO 3

PROGRAMME INFORMATION

SN	Description	Details
1	University	Yashwantrao Chavan Maharashtra Open University Nashik - 422 222, Maharashtra, India Website: http://www.ymcou.com/
2	School	School of Architecture, Science and Technology
3	Discipline	Architecture
4	Level	PG
5	Course Used in	V44: M.Arch. (Urban & Regional Planning)

COURSE INFORMATION

Sem	Code	Course Name	CP	CST	CAT	ST	CA	EE	TM	Type
03	A41036	Design Studio 2	8	112	8	240	40	160	200	SV

PRESUMED KNOWLEDGE AND LEARNING OBJECTIVES

Presumed Knowledge	Learning Objectives
<p>For successful completion of this course, student should have successfully completed:</p> <ul style="list-style-type: none"> Passed the B.Arch. OR its equivalent examination. 	<p>After successful completion of this course, student should be able to:</p> <p>Acquire a comprehensive base of knowledge required for the practice of architecture.</p> <p>Develop awareness in physical context about implications of limited sources in design decision making.</p>

UNITS

UN	Name of the Unit	CSs	Questions
1 to 8	<p>Understanding of a Region</p> <p>Preparing a Regional Plan – maybe extend the town for which CDP was done in previous semester</p> <p>Understanding of administrative and resource regions, delineation and deciding boundaries.</p> <p>Case studies and analysis of some regional plans</p>	<p>CP</p> <p>Block 01 to 08</p> <p>CSs 01-120</p>	<p>Students are expected to complete sufficient number of projects related to this course, with regular critical remarks and assessment from the counselor and peer students, during the semester. External and internal experts will jointly evaluate these projects for 100 marks with viva after presentation by the student for about 5-7 minutes</p>

DETAILED SYLLABUS

UN	Detail Syllabus of the Unit	CP Block
1 to 8	Understanding of a Region Preparing a Regional Plan – maybe extend the town for which CDP was done in previous semester Understanding of administrative and resource regions, delineation and deciding boundaries. Case studies and analysis of some regional plans	CP Block 01 to 08

LEARNING RESOURCE DETAILS

LR Code	Title Author	Edition Year	ISBN Publisher
Text-Books			
_____ -TB1			
Reference-Books			
A41016-RB1			
A41016-RB2			
A41016-RB3			
CD / DVD			
_____ -CD1			
Web Links			
_____ -WL1			

SEMESTER 04

A41041: M. ARCH. (URBAN & REGIONAL PLANNING)

DISSERTATION 1

PROGRAMME INFORMATION

SN	Description	Details
1	University	Yashwantrao Chavan Maharashtra Open University Nashik - 422 222, Maharashtra, India Website: http://www.ycmou.com/
2	School	School of Architecture, Science and Technology
3	Discipline	Architecture (Urban & Regional Planning)
4	Level	PG
5	Course Used in	V44:M.Arch. (Urban & Regional Planning)

COURSE INFORMATION

Sem	Code	Course Name	CP	CST	CAT	ST	CA	EE	TM	Type
04	A41041	M. Arch. (Urban & Regional Planning) Dissertation 1	8	112	8	240	40	160	200	SV

PRESUMED KNOWLEDGE AND LEARNING OBJECTIVES

Presumed Knowledge	Learning Objectives
For successful completion of this course, student should have successfully completed: <ul style="list-style-type: none">• Passed the B.Arch.• OR its equivalent examination.	After successful completion of this course, student should be able to: <ul style="list-style-type: none">• Pursue an idea of research with depth of inquiry, criticality and logic and carry out an in-depth investigation of an area of architecture that he/she is interested in.

UNITS

UN	Name of the Unit	CSs	Questions
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1 to 8	<p>Studio: The student will be guided in their work by their selected / appointed guides throughout the three courses to produce an illustrative, written dissertation. The dissertation calls for a substantial impetus on the quality and quantity of output, besides having a thrust on newer and more relevant areas of research / design and plan intervention / application of planning, design and analytical tools and techniques. The choice of subject, formulation of Design Programme, Site investigation and selection, and finally culmination in the concrete design demonstration shall depend upon many factors such as student's personal interest, circumstances and abilities. A careful check shall be made to see that access is available to relevant buildings and to appropriate libraries, record offices, laboratories and other technical resources. Students are expected to complete the project, with critical remarks and assessment from the counselor.</p> <p>Following is a list of few projects for reference that could be undertaken; the student is free to choose any other topic of their interest approved by the Faculty in charge.</p> <ol style="list-style-type: none"> 1. Development plan of a small town / a village, 2. Redevelopment plan of an area in an Urban agglomeration, 	<p>CP Block 01 to 08 CSs 01-120</p>	<p>Students have to submit 'Report of Activities' in CA and 'Term Work' for end exam on these units.</p>
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DETAILED SYLLABUS

UN	Detail Syllabus of the Unit	CP Block
1 to 8	<p>Studio: The student will be guided in their work by their selected / appointed guides through out the three courses to produce an illustrative, written dissertation. The dissertation calls for a substantial impetus on the quality and quantity of output, besides having a thrust on newer and more relevant areas of research / design and plan intervention / application of planning, design and analytical tools and techniques. The choice of subject, formulation of Design Programme, Site investigation and selection, and finally culmination in the concrete design demonstration shall depend upon many factors such as student's personal interest, circumstances and abilities. A careful check shall be made to see that access is available to relevant buildings and to appropriate libraries, record offices, laboratories and other technical resources. Students are expected to complete the project, with critical remarks and assessment from the counselor.</p>	<p>CP Block 01 - 08</p>

LEARNING RESOURCE DETAILS

LR Code	Title Author	Edition Year	ISBN Publisher
Text-Books			
A25084-TB1			
Reference-Books			
A25084-RB1			
A25084-RB2			

A25084-RB3			
CD / DVD			
A25084-CD1			
A25084-CD2			
Web Links			
A25084-WL1			

A41042: M. ARCH. (URBAN & REGIONAL PLANNING)

DISSERTATION 2

PROGRAMME INFORMATION

SN	Description	Details
1	University	Yashwantrao Chavan Maharashtra Open University Nashik - 422 222, Maharashtra, India Website: http://www.ycmou.com/
2	School	School of Architecture, Science and Technology
3	Discipline	Architecture (Urban & Regional Planning)
4	Level	PG
5	Course Used in	V44:M.Arch. (Urban & Regional Planning)

COURSE INFORMATION

Sem	Code	Course Name	CP	CST	CAT	ST	CA	EE	TM	Type
04	A41042	M. Arch. (Urban & Regional Planning) Dissertation 2	16	224	16	480	80	320	400	SV

PRESUMED KNOWLEDGE AND LEARNING OBJECTIVES

Presumed Knowledge	Learning Objectives
<p>For successful completion of this course, student should have successfully completed:</p> <ul style="list-style-type: none"> Passed the B.Arch. OR its equivalent examination. 	<p>After successful completion of this course, student should be able to Pursue an idea of research with depth of inquiry, criticality and logic and carry out an in-depth investigation of an area of architecture that he/she is interested in.</p>

UNITS

UN	Name of the Unit	CSs	Questions
1 To 16	Culmination of the post-graduate program in architecture.	CP Block 01 to 16 CSs 01-240	Students are expected to complete sufficient number of projects related to this course, with regular critical remarks and assessment from the counselor and peer students, during the semester. External and internal experts will jointly evaluate these projects for 100 marks with viva after presentation by the student for about 5-7 minutes.

DETAILS SYLLABUS

UN	Detail Syllabus of the Unit	CP Block
1 to 16	<p>Studio: The student will be guided in their work by their selected / appointed guides throughout the three courses to produce an illustrative, written dissertation. The dissertation calls for a substantial impetus on the quality and quantity of output, besides having a thrust on newer and more relevant areas of research / design and plan intervention / application of planning, design and analytical tools and techniques. The choice of subject, formulation of Design Programme, Site investigation and selection, and finally culmination in the concrete design demonstration shall depend upon many factors such as student's personal interest, circumstances and abilities. A careful check shall be made to see that access is available to relevant buildings and to appropriate libraries, record offices, laboratories and other technical resources. Students are expected to complete the project, with critical remarks and assessment from the counselor</p>	CP Block 01 to 16

LEARNING RESOURCE DETAILS

LR Code	Title Author	Edition Year	ISBN Publisher
Text-Books			
A25085-TB1			
A25085-TB2			
Reference-Books			
A25085-RB1	Design Methods by Jones C. J.	(1992)	John Willey and Sons, Inc. ISBN- 0-471- 28496-3
A25085-RB2	How Designers think: the design process demystified by Lawson B.	2005	Architectural Press, Oxford ISBN 13-978-0-7506- 6077-8
A25085-RB3	Elements of Design: Rowena Reed Kostellow and the Structure of Visual Relationships Hannah G.G	2002	Princeton Architectural Press, NY, USA ISBN 1-56898-329-8
A25085-RB4	Thinking Design By Prof S Balram		
A25085-RB5	Visual Thinking by Frank M. Young		
A25085-RB6	The Art of Looking Sideways		
A25085-RB7	Concepts and Responses		
CD / DVD			
A25085-CD1			
A25085-CD2			
Web Links			
A25085-WL1			
A25085-WL2			