

GANPAT UNIVERSITY									
FACULTY OF ARCHITECTURE DEISGN & PLANNING									
Programme		Bachelor of Architecture			Branch/Spec.		INSTITUTE OF ARCHITECTURE		
Semester		IX			Version		1.0.0.0		
Effective from Academic Year			2015-16		Effective for the batch Admitted in			June 2015	
Subject code		IXA01RT	Subject Name		Research Thesis				
Teaching scheme					Examination scheme (Marks)				
(Per week)	Lecture(DT)		Practical(Lab.)		Total		CE	SEE	Total
	L	TU	P	TW					
Credit	-	-	18	-	18	Theory	-	-	-
Hours	-	-	18	-	18	Practical	1080	720	1800
Pre-requisites:									
Research Thesis: To develop critical thinking based upon valid inquiry and logical structure in the field of Architecture.									
Learning Outcome:									
Theory syllabus									
Unit	Content								Hrs
1	Research Thesis: Validity of the hypothesis, strength of analysis, proper chapterisation, external references, quality of illustrations requisite to research work and such other.								
2									
Practical content									
Research: A Research thesis on subject of Architecture or other allied field that has direct implication on Architecture. The subject shall be approved by the thesis committee before finalization. The thesis shall be presented with not less than 10000 words and requisite illustrations, diagrams, sketches etc. The student shall propose the topic of research and get it approved in the beginning of the 9th semester. The research guide may be chosen from IOA or outside if one is better qualified person in the subject with the prior approval of IOA.									
Text Books									
1	NA								
Reference Books									
1	Architectural Research , Snyder, James								
2	Inquiry By Design: Tool For Environment – Behavior Research, Zeisel, John.								
3	Research Design: Quantitative And Qualitative Approaches, Creswell John.								
4	A Practical Guide To Graduate Research , Stock Molly.								
5	Architectural Research Methods, Linda Groat & David Wang.								

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Subject code		IXA02RSM	Subject Name		Research Skills and Methodology				
Teaching scheme					Examination scheme (Marks)				
(Per week)	Lecture(DT)		Practical(Lab.)		Total		CE	SEE	Total
	L	TU	P	TW					
Credit	3	-	-	-	3	Theory	180	120	300
Hours	6	-	-	-	6	Practical	-	-	-
Pre-requisites:									
To generate awareness in research and meaning of systematic search with comprehensive introduction of technical documentation. Understanding the need for scientific research in fundamental Architectural Design thoughts and methods and applied fields to architecture and built environment.									
Learning Outcome:									
Theory syllabus									
Unit	Content								Hrs
1	General understanding of what is research, its objectives, various methods of research. Designing research, Defining the problem, approach to research, Exploration of research topic. Research questions, questionnaire design, Data collection and hypothesis. Selection of subjects and researching.								
2	Use of theory, Review of literature, Initiation of case studies, Methods of study. Ethical consideration, Plagiarism. Qualitative, quantities and mix methods. Technical writing and documentation. Format for research paper, Structuring the project, writing proposals.								
3	Application of components of Research Methodology. Submitting draft and working process, Presentation – project and report. Reference and bibliography.								
Practical content									
Selecting an appropriate article and generate understanding through critical evaluation of the particulars. Introduction of selection of subject and writing a research paper on particular subject									
Text Books									
1	NA								
Reference Books									
1	Architectural Research , Snyder, James.								
2	Inquiry By Design: Tool For Environment – Behaviour Research, Zeisel, John.								
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Subject code		IXA03PP		Subject Name		Professional Practice – II			
Teaching scheme					Examination scheme (Marks)				
(Per week)	Lecture(DT)		Practical(Lab.)		Total		CE	SEE	Total
	L	TU	P	TW					
Credit	3	-	-	-	3	Theory	-	-	-
Hours	3	-	-	-	3	Practical	180	120	300
Pre-requisites:									
Ethics, Design Practice and Client communication									
Learning Outcome:									
Theory syllabus									
Unit	Content								Hrs
1	Professional Enterprise ☐ Branding and Marketing. Standards of acceptance as professional Architect. Apprenticeship. Code of Conduct and Ethics for professional Practice☐ guest Lectures and case studies.								
2	Opportunities for Recognition. Education and Certifications (additional accreditations). Establishing enterprise architecture practice. Growing Architecture Practice. Measuring the Practice. Legal Environment and Business Framework.								
3	Working jointly with other Architects on Mega projects coordination and communication. Working with clients and Corporate☐ communications practices for Design processes. Expert Reviews and examples.								
Practical content									
In class theory, assignments, submissions, presentations, guest faculty lectures, expert visitors and case examples.									
Text Books									
1	NA								
Reference Books									
1									

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Subject code		IXB04WS/EL E		Subject Name		Workshop/Elective-IX				
Teaching scheme					Examination scheme (Marks)					
(Per week)	Lecture(DT)		Practical(Lab.)		Total		CE	SEE	Total	
	L	TU	P	TW						
Credit	-	-	2	-	2	Theory	-	-	-	
Hours	-	-	9	-	9	Practical	120	80	200	
Pre-requisites:										
Garden history, types, evolution, Abstraction, concept development, Visual relationship, spatial definitions, Outdoor furniture: types, usage criteria. To understand urban design as an inter-dependence that unites all the built environment professions, including urban planning, landscape architecture, architecture, civil and municipal engineering.										
Learning Outcome:										
Theory syllabus										
Unit	Content								Hrs	
1	Garden landscape & street furniture. History of architecture, origin of gardens in history. Case study of all garden styles, Landform, grading, contour, etc.									
2	Landscape planning and assessment, visual analysis ,Site analysis criteria. Spatial definition and Space site volume understanding. Urban parks and contemporary notion of recreational spaces. Planting design, Circulation, Parking, Paving design, enclosures Etc, Street furniture and details in garden design, Landscape enrichment with tangible and intangible elements like water, lighting, sculpture, fountains, Living creatures, sounds, smells etc. Psychological factors in landscape architecture: Environmental perception and behavior, Guest lecture on practice in outdoor recreation spaces design.									
3	URBAN DESIGN Understanding the term Urban: Definitions and Approaches, looking at how various theorists have defined / understood the "urban" or the "city" as an object of investigation.									
4	Urbanism & New Urbanism Understanding the term Urban Design and inter-relation of Architecture and Urban Design. 'Urban Design' as a focus on physical improvement of the public environment. Public Realm, definition and understanding the design of Public realm. City Scapes / Town Scapes, understanding and analysis. Understanding of Terminologies viz; Tissue, Block, Grains, Porosity, Typology, District, Landmarks.									
Practical content										
Theory, Case Study, Analysis & Design based upon the selected Elective.										
Text Books										
1	NA									
Reference Books										
1	NA									

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Subject code		IXB05 RSP	Subject Name		Related Study Programme				
Teaching scheme					Examination scheme (Marks)				
(Per week)	Lecture(DT)		Practical(Lab.)		Total	CE	SEE	Total	
	L	TU	P	TW					
Credit	NA				Theory	NA			
Hours	1 Week Case Study				Practical	ATTENDANT/ NOT ATTENDANT			
Pre-requisites:									
Learning Outcome:									
Theory syllabus									
Unit	Content								Hrs
1									
Practical content									
Text Books									
1	NA								
Reference Books									
1	NA								
2	NA								

