GANPAT UNIVERSITY
FACULTY OF ARCHITECTURE DEISGN & PLANNING

Programme	Bachelor of Architecture		Branch/Spec.	INSTITUTE OF ARCHITECTURE		
Semester	VIII		Version	1.0.0.1		
Effective from Academic Year		2019-2020	Effective for the batch Admitted in			June 2015
Subject code	VIIIA02RSM	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	4	-	-	-	4	Theory	180	120	300
Hours	4	-	-	-	4	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.	22
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.	21
3	Application of components of Research Methodology. Submitting draft and working process, Presentation – project and report. Reference and bibliography.	21

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.
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