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Course Code	2AR733
Course Title	Research Seminar

Course Learning Outcomes (CLO):

At the end of the course, students will be able to -

- Learn about various approaches to research in the field of Architecture
- Explore various aspects related to research
- Develop preliminary research proposal

Syllabus:

Total Teaching hours: 56 Hrs

Unit No.	Syllabus: Topic	Sub Topic	Teaching hours:
1	Introduction to Research	<ul style="list-style-type: none"> • What is research? • Types of research. • Social research and Architectural research. 	7 hours
2	Formation of research idea	<ul style="list-style-type: none"> • Literature Review • Formation of Aim and Objective. • Research scope and limitation. • Output of research. 	10.5 hours
3	Data collection and Analysis	<ul style="list-style-type: none"> • Exploration of various ideas, on area of interests • Qualitative and Quantitative Research • Data collection – process and methods. • Analysis of data (Qualitative and Quantitative) 	10.5 hours
4	Report writing	<ul style="list-style-type: none"> • Lettering Styles. • Bibliography writing • Citation, etc. • Presentation technique 	10.5 hours
5	Proposal Development	Developing the subject proposal <ul style="list-style-type: none"> • Literature • Aim and Objective • Data Requirement 	17.5 hours

Suggested Readings:

- Hammon , Michal and Jerry wellington .2013. Research Method :The key Concepts.NewYork :Routledge

- Creswell, John W. 2009. Research Design :Qualitative ,Quantitative and mix methods Approaches. 1000 oaks, SAGE
- Warburton, Nigel. 2006. The Basics of essay writing. New York: Routledge
- Turabian, Kate L 2007. A manual for Writer of Research Papers, Thesis and Dissertation, Seventh Edition Chicago: University of Chicago press.
- Wehrli, Robert, Environmental Design Research: How to Do It and How to Apply It, New York, Wiley: 1986
- Todd, Alden, Finding Facts Fast: How to Find Out What You want and Need to Know, Berkeley, Ten Speed Press: 1979
- Snyder, James, Architectural Research, New York, Van Nostrand Reinhold: 1984
- Zeisel, John, Inquiry by Design: Tool for Environment-Behavior Research, Cambridge, Cambridge University Press: 1981
- Sandoff, Henry, Visual Research Methods in Design, Van Nostrand Reinhold: 1991