

VEER NARMAD SOUTH GUJARAT UNIVERSITY-EXAMINATION SCHEME

B.ARCH. V (SEM-IX)

Sr. No.	Subject Code	Subject Name	Sub Content/ Emphasis	Teaching Scheme		Cont. Evaluation	End Sem Evaluation/ Jury/ Viva/ Practical Test	Theory Exam		Grand Total (6+7+8)
				L + T (Hours)	S/W/P (Hours)			Marks	Duration	
1	2	3	4	5	6	7	8	9	10	
A. Core Subjects										
1	ARC-901	Architectural Design IX	1. Research on Architectural Design 2. Submission of a Research report is mandatory as part of this subject evaluation		6	630	270			900/450

Emphasis:

Students shall be guide to develop their abilities to conduct individual research on topics of architectural relevance in this course.

Contents:

This course aims to make students acquainted with the terms and principles of architectural research and to strengthen their knowledge in architectural academic writing and research methodology. The structure of the course is centred on the process of writing a graduation thesis on a chosen topic. This process is conducted by both the student and her/his supervisor from the initial phase of determining a research question to the completion of the academic paper. Improvement of certain abilities such as building up research strategies, developing a critical understanding of sources and findings, choosing appropriate methods of research and establishing an ethical manner in writing is as important as the final product.

All Credits for semester 9 could also be earned on campus and off campus by working as research associate/ research fellow/ co-researcher/exchange student under mentorship of an individual or institution with the prior permission from the institution. The student will have to submit evaluation (column no 6) and completion certificate as per the format prepared by institution/university and appeared for final evaluation (column no 7) at the parent institution.

References:

- Groat, Linda, Architectural research methods (New York: John Wiley, 2002)
- Denzin, N and Y. Lincoln, Handbook of Qualitative Research (London: Sage, 2000)
- Murray, Rowena, How to write a thesis (Columbus: Open University Press, 2002)
- Blaxter, L., Hughes, C., Tight, M. How to write a thesis (Columbus: Open University Press, 2002)
- Borden, I and Ray, K.R. (2006) The Dissertation: An Architecture Student's Handbook

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	1	2	3	4	5	6	7	8	9	10
A. Core Subjects										
2	ARC-902	Professional Practice		2		140	60			200/100

Emphasis:

Comprehensive introduction to architectural professional practice, office and project management, and standards of ethical and professional activity.

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Contents:

- Understanding of principles of architectural practice as a historical discipline and a contemporary profession.
- Overview of professional practice, as well as specific examples of the variety of practice types in place today.
- Role and function of the practicing architect in today's environment, and speculate and plan about future profession and society.
- Business and practices of architecture through the management principles of both office and project.

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	1	2	3	4	5	6	7	8	9	10
A. Core Subjects										
3	ARC-903	Universal Design		2		70	30			100/50

Emphasis:

Universal Design is the method to create the environment to be usable to the greatest extent possible by everyone, regardless of their age, ability, or status in life. Student will receive information on basic principles of the Universal design / Design for All and knowledge how to apply and implement these principles in the development of barrier free architecture design.

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Contents:

- Theoretical understanding of Universal Design as it is applied in architecture
- Legislative requirements for Universal Design through literature studies
- Case studies of the business and social benefits of Universal Design
- Case studies of development and application of new research concepts and advances in the field

References

- Universal Design Handbook: Preiser and Ostroff
- Building for Everyone 2010: National Disability Authority, Ireland.
- Inclusive Design for the Population: Keates and Clarkson
- Countering Design Exclusion: Keates and Clarkson
- Centre for Excellence in Universal Design website www.Universaldesign.ie

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A. Core Subjects										
4	ARE-904	Elective	1. Building Science 2. Social Science & Architecture 3. Humanities & Architecture 4. Art & Design	2		70	30			100/50

Emphasis:

The subject of Electives has been introduced in the syllabus with the specific intention of study of a particular subject of a student's liking in greater detail but in the larger context of overall scope of Architecture syllabus at undergraduate level. This will give students an opportunity to develop their skills in a subject they may opt, to make their career in future. The research-teaching link in architecture is likely to be particularly complex given the multidisciplinary nature of this elective. There is no single specific study methodology that might typically be used in this subject, rather this subject should utilize and apply the methods and knowledge base of other discipline areas, including the human and physical sciences, the humanities and the fine and applied arts. As with other built environment subjects, study is likely to relate to application of knowledge, rather than the generation of new knowledge. Students should apply principles from pure science, for instance by investigating how buildings respond to environmental and climatic influence, they may apply principles of philosophical thinking to architecture, or they may use techniques of the historian or social scientist.

The students are expected to study the selected topic, including the basic principles and their application in built projects by undertaking case studies, necessary site visits, and collecting all the relevant information to make it an exhaustive study and present it in a well-documented report in standard format.

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Contents:

Four principal subjects in which elective teaching of this elective should be carried out:

- Building Science,
- Social Science,
- Humanities,
- Art and Design.

References

- The Architecture Critic; A Survey of Newspaper Architecture Critics in America. New York: Columbia University, 2001.
- Bender, Thomas, "Architecture and the Journalism of Ideas" Design Book Review: DBR no. 15, 1988
- Morrone, Francis, "Do Architecture Critics Matter?" The New Criterion v.20. 2002
- Ockman, Joan, "Current Criticism" The Architect's Newspaper issue 19 (November 16, 2005) 1-8
- Joseph Williams, Style: Ten Lessons in Clarity and Grace Addison, Wesley Longman Co., 2000