

# **SAVITRIBAI PHULE PUNE UNIVERSITY**

**[Formerly the University of Pune]**



## **Ph. D COURSE WORK SYLLABUS**

### **ARCHITECTURE**

**[TO BE IMPLEMENTED FROM 2019-20]**

**BOARD OF STUDIES IN ARCHITECTURE  
FACULTY OF SCIENCE AND TECHNOLOGY**

**COURSE WORK SYLLABUS FOR  
Ph.D. IN ARCHITECTURE  
FACULTY OF SCIENCE AND TECHNOLOGY**

**Table-1  
Structure for Ph.D. Course Work for Architecture**

CODE	NAME OF COURSE	CONTACT HOURS	EXAMINATION SCHEME			CREDITS
			CONTINUOUS ASSESSMENT	END SEMESTER EXAM	TOTAL	
700001	<b>Research Methodology</b>	4	50	100	150	4
700002	<b>Seminar</b>	4	50	100	150	4
700003	<b>Subject specific courses</b> Part-A (700003-A) Architectural Research	6	75	150	225	6
	Part-B (700003-B) Independent Research	2	25	50	75	2
		16	200	400	600	16

**CONTINUOUS ASSESSMENT: [CA]**

The continuous assessment of all the courses of Ph.D. course work shall be done by concerned and appropriate faculty of the Research Centre.

**THEORY COURSES:**

The continuous assessment of theory course shall be evaluated on the basis of the class tests/assignments/case studies/quizzes. There shall be minimum two class tests/assignments/case studies/quizzes for each theory course.

**SEMINAR:** The continuous assessment of seminar shall be based on the following heads;

- a. Performance of the student in the collection of the reference material and its understanding for seminar
- b. Punctuality, Enthusiasm and aptitude of student in preparing seminar / completing the report –

**THE END SEMESTER EXAMINATION: [ESE]**

The end semester exam shall be of three hours duration.

<b>70001</b>	<b>Research Methodology</b>	<b>Credits</b>	<b>4</b>
<b>Contact Hours</b>	<b>4 hours per week</b>	<b>CA – 50 Marks</b>	<b>ESE – 100 Marks</b>

<b>UNIT I</b>	Scope of Doctoral Research in Architecture, Defining the research problem, aims and objectives.
<b>UNIT II</b>	Research Paradigms in Architectural Research and Research Design
<b>UNIT III</b>	Conceptual, theoretical, Analytical and Methodological framework in Research.
<b>UNIT IV</b>	Qualitative data Collection processing and Analysis
<b>UNIT VI</b>	Quantitative data Collection processing and Analysis

<b>70002</b>	<b>Writing Proposal and Review and Seminar</b>	<b>Credits</b>	<b>4</b>
<b>Contact Hours</b>	<b>4 hours per week</b>	<b>CA – 50 Marks</b>	<b>End semester Seminar 100 Marks</b>

<b>UNIT I</b>	:	Writing a research proposal
<b>UNIT II</b>	:	Literature survey Overview & developing a bibliography. Data bases.
<b>UNIT III</b>	:	Academic /scientific paper writing
<b>UNIT IV</b>	:	Research and Publication ethics
<b>UNIT V</b>	:	Documentation and presentation tools

**Seminar** : Presentation based on Literature study/ Pilot study/ Review Paper.

<b>700003-A</b>	<b>Research in Architecture</b>	<b>Credits</b>	<b>6</b>
<b>Contact Hours</b>	<b>6 hours per week</b>	<b>CA – 75 Marks</b>	<b>End semester Seminar 150 Marks</b>

**A candidate has to take any three units from the following 14 units. [total 6 credits]**

<b>Sr.NO.</b>	<b>Unit Code</b>	<b>Title</b>
<b>1</b>	<b>AR01</b>	<b>Theories in Architectural Research.</b>
<b>2</b>	<b>AR02</b>	<b>Behavioral Research Methods</b>
<b>3</b>	<b>AR03</b>	<b>Statistics in Architectural research.</b>
<b>4</b>	<b>AR04</b>	<b>Visual Research methods</b>
<b>5</b>	<b>AR05</b>	<b>Experimental research</b>
<b>6</b>	<b>AR06</b>	<b>Historical research</b>
<b>7</b>	<b>AR07</b>	<b>Simulation and Modeling research.</b>
<b>8</b>	<b>AR08</b>	<b>Concepts and Research in Environmental Psychology</b>
<b>9</b>	<b>AR09</b>	<b>Phenomenological Research: Concepts and Methods</b>
<b>10</b>	<b>AR10</b>	<b>Architectural Anthropology</b>
<b>11</b>	<b>AR11</b>	<b>Architectural Conservation: Methods and Tools</b>
<b>12</b>	<b>AR12</b>	<b>Research in Landscape Architecture</b>
<b>13</b>	<b>AR13</b>	<b>Art and Architecture</b>
<b>14</b>	<b>AR14</b>	<b>Urban Design Research : Concepts and Methods</b>

**Independent Study courses:** In consultation of research guide and Approval of Research Monitoring Committee the student has to undertake in depth study of a topic related to his/her research.

<b>700003-B</b>	<b>Independent Research</b>	<b>Credits</b>	<b>2</b>
<b>Contact Hours</b>	<b>2 hours per week</b>	<b>CA – 25 Marks</b>	<b>End semester Seminar 50 Marks</b>

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