

SOLAPUR UNIVERSITY , SOLAPUR

Revised Syllabus for Semester X

(W.E.F. 2016-17)

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Scheme of teaching and examinations of B.Arch. Final Year - Xth Semester

Subject Code	Title of Subject	No. of Weeks			Examination Scheme						
		Lecture	Studio	Total	Duration In Hrs.	Theory Marks	Sessional Work				Total
							Internal		External		
							Max	Min	Max	Min	
AR10-01	Professional Training II	-	-	16			150	75	150	68	300
AR10-02	Project -III	-	-	-	-	-	150	75	150	68	300
	Total			16			300		300		600

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REVISED Scheme of teaching and examinations of Final Year - Xth Semester B.Arch.

Subject Code	Title of Subject	No. of Weeks			Examination Scheme						
		Lecture	Studio	Total	Duration In Hrs.	Theory Marks	Sessional Work				Total
							Internal		External		
							Max	Min	Max	Min	
AR10-01	structural thesis	-	10	10			150	75	150	68	300
AR10-02	Project -III	-	10	10	-	-	150	75	150	68	300
	Total		20	20			300		300		600

X SEM**AR10- 01 : STRUCTURAL THESIS**

Lectures – NIL	Paper	Internal - 150
Studio - 10	Duration	External - 150
Total - 10	Theory	
		Total - 300

Objective:

To provide skills in the design of RCC structure to give a practical training in field of design using all the knowledge acquired in the structural subjects of previous semesters.

Outline:

Student should be given assignments in the class to design the various RCC structural elements of one G+2 story frame structure building
Structural design shall be done by using Indian Standards Code Book .

Submission:

The final output shall include a report including all structural drawings.
A hard and soft copy of report should be submitted .

AR10- 02 : PROJECT – III

Lectures –	Paper	Internal - 150
Studio - 10	Duration	External- 150
Total - 10	Theory	
		Total - 300

Objective :-

To demonstrate an ability to comprehend the nature of architectural problem & create a brief which sets the frame work for design.

To demonstrate an advanced level design ability.

Outline :

Students are expected to develop their conceptual designs & research into technical plans, elevations, sections, 3-D, view etc. for the project finalized in semester vii and viii.

Developing the concepts into full fledged technical design plans and revising it at every stage with the help of respective guides.

SUBMISSION REQUIREMENTS :-**A - DISSERTATION (BOOK)**

The typewritten dissertation must be presented in neatly bound 3 copies, two copies of which will be retained by the college and one returned to the candidate. The size of the dissertation volume must be A4 size on sunlit bound or equivalent paper with standard binding in black or brown cloth and embossed title on top and preferably on the spine.

The printed blank page of the certificate which will be supplied by the College will be bound along with other typewritten pages in the beginning of the dissertation. This will be certified and signed by the College authorities as authentication of the work and by the guide who has guided the work.

The index page must contain the following sequence and paging the volume must follow this sequence.

1. Introduction (the why & what of the project)
2. Synopsis
3. Research
4. Case Studies (3 total, 2 live & 1 book)
5. Site selection
6. Design Programme (Requirement listing)
7. Programme analysis

8. Site analysis
9. Data collection
10. Photocopies of conceptual drawings & block/concept model
11. reduced size Xerox or photocopies of final drawing (if legible) or prints neatly folded
12. photographs of model of the project

B. DRAWING REQUIREMENT

- a) Sheetwork from viith and viiiith sem. With remarks and assesement from the guides concerned
- b) Site plan.
- c) All Floor plans & detailed plans .
- d) sections : min.4
- e) elevations : min.4
- f) Details – as per discussion with guide.
- g) 3d Views - Walk through
- h) Models along with site development .