

UNIVERSITY OF PUNE

SYLLABUS

FOR

**Five years Degree Course
of
BACHELOR OF ARCHITECTURE
And
BACHELOR OF ARCHITECTURE
(INTERIOR DESIGN)**

And

**Three Years Degree Course
of
BACHELOR OF BUILDING SCIENCES
(Stage I of B.Arch.)**

(to be implemented from 2008-09)

FACULTY OF ENGINEERING

BOARD OF STUDIES IN ARCHITECTURE

BACHELOR OF ARCHITECTURE
And
BACHELOR OF ARCHITECTURE
(INTERIOR DESIGN)

And

BACHELOR OF BUILDING SCIENCES
(Stage I of B.Arch.)

UNIVERSITY OF PUNE

Rules of structure for First to Fifth year B.Arch.

Rule no.1: ELIGIBILITY FOR ADMISSION.

Eligibility Criteria: Students seeking admission to First year of Bachelor's degree course in Architecture must fulfill the eligibility criteria laid down by University of Pune / Govt. of Maharashtra / Council of Architecture as applicable from time to time.

Rule no.2: SCHEME OF ASSESSMENT.

A candidate to be eligible for the degree of Bachelor of Architecture will be required to appear for and pass examinations as under:

Examination	Consisting of
STAGE I	
1. First Examination in Architecture	(I B.Arch.) Term I & II
2. Second Examination in Architecture	(II.B.Arch.)Term I & II
3. Third Examination in Architecture	(III.B.Arch.) Term I & II
STAGE II	
4. Fourth Examination in Architecture	(IV B.Arch.) Term I & II
5. Bachelor of Architecture	(V B.Arch.) Term I & II

Rule no. 3: GRANTING OF TERM.

Academic year shall consist of two terms of 90 teaching days each. Sessional work completed by the students shall be continuously assessed by the teacher during the term and assessed at the end of the academic term jointly by the internal and external examiners.

The candidate will be permitted to appear for annual examination **only if** he/she keeps term for that part at a College affiliated to the University and produces testimonials from the Principal of the College for :

1. 75% attendance in each head of passing of theory and/ or sessional work as prescribed by the University.
2. Satisfactory completion of the sessional work prescribed for each subject and securing at least 50% marks in the Internal assessment for the same.
3. Good Conduct.

Rule no. 4: PREREQUISITES FOR ADMISSION TO HIGHER CLASSES.

A student shall be promoted to higher class only if he has scored minimum 45 % marks in each theory head and 50 % marks in each sessional / sessional and viva-voce head.

For admission to Stage II of the course:

- Candidates admitted to the course shall complete the first stage within five years of admission to the course.
- The pass percentage shall not be less than 50% in the aggregate marks of F.Y, S.Y., and T.Y. at the end of Stage I.

Rule no. 5 : RULES OF A.T.K.T.

As a general rule a student shall be allowed to keep term for the next year of study of the course if he/she has a backlog of not more than **FOUR HEADS** of passing in the preceding year.

a) A student shall be allowed to keep term for Second Year B.Arch. course if he/ she has a backlog of not more than **FOUR HEADS** of passing in Theory / sessional / Viva-voce examination at First Year B.Arch.

b) A student shall be allowed to keep term for the Third Year B.Arch. Course, if he/she has no backlog of First Year B.Arch. and if he/she has a backlog of not more than **FOUR HEADS** of passing in Theory /Sessional / Viva-voce examination at Second Year B.Arch.

c) A student shall be allowed to keep term for the Fourth Year B.Arch. Course, if he/she has no backlog of Second Year B.Arch. and if he/she has a backlog of not more than **FOUR HEADS** of passing in Theory /Sessional / Viva-voce examination at Third Year B.Arch.

d) Fourth Year and Final Year are considered as integrated Stage II of the course and hence students will be allowed to take admission to Fifth year irrespective of the number of subjects in which they are failing at Fourth Year.

The pass percentage shall not be less than 50% in the aggregate marks of Fourth Year and Fifth Year at the end of Stage II.

Rule no. 6: EXAMINATIONS.

At each examination,

- i. Paper
- ii. Sessional / Sessional and Viva-voce based on sessional work, as prescribed in the subjects, for both the terms together, shall constitute one head of passing.

Rule no. 7: CONDUCT OF EXAMINATIONS.

The examinations for First and Second Year B.Arch shall be conducted by individual institution offering the course. The results shall be declared within 45 days of completion of the examination and shall be conveyed to the University accordingly.

The examinations for Third, Fourth and Fifth Year B.Arch shall be conducted by Pune University.

Rule no. 8: SESSIONAL WORK ASSESSMENT.

a. In respect of Sessional work at F. Y. B.Arch., S. Y. B.Arch., T. Y. B.Arch. Fourth Yr. B.Arch and Fifth Year B.Arch. target date shall be fixed for the completion of each assignment and the same shall be collected on the target date. All assignments shall be continuously assessed by the teacher during Term I and Term II.

b. At the end of each Term sessional work shall be assessed jointly by the internal and external examiners from amongst the panel approved by the University for the subject. If the student fails in the First Term Sessional assessment, he / she will have to make up in the second term assessment and have to pass in the combined marks obtained by the candidate in the particular subject in both terms taken together as it is considered as one subject head.

c. Performance of Sessional / Viva-voce Examination shall be assessed on the basis of the depth of understanding of the principles involved and not on the basis of mere correctness or results of ornamental or colorful presentation.

d. Students may use computers for preparing sessional work where nature of work is unique to an individual and stress is on content rather than skill. For common form of work, drawings and reports/ notes shall be manually prepared.

e. At First, Second and Third year examination, external assessment shall be carried out by the examiner external to the college. i.e. teacher from college other than one whose students are being examined.

f. For Fourth and Final year examination external assessment shall be carried out by professional not teaching in any of the colleges under University of Pune.

g. Internal Examiner : Internal Examiner is one who is teaching that particular subject in the same/any other college under University of Pune.

h. External Examiner: For First, Second, Third and Fourth year, External Examiner at a center means a teacher who is not teaching in the college for which the examination is being conducted.

i. For Fourth and Fifth year examination an external examiner means a professional not teaching in any of the colleges under University of Pune.

j. An Examiner for any of the subjects of examination from 1st year to 3rd Year Architecture, shall have a minimum of 3 years teaching / professional experience in his/her field of study.

k. To qualify for the External Examiner at Fourth and Fifth year examination, the professional shall have a minimum of five years professional experience.

Rule no. 9 : CRITERIA FOR PASSING.

To pass the F.Y. / S.Y./ T.Y./ Fourth Yr./ Fifth Yr B.Arch. Examination, a candidate must obtain minimum 45% marks in each paper and 50% marks in each sessional / sessional and Viva-voce head.

Rule no. 10: GRADING SYSTEM.

The class at the end of each Year should be awarded to the student on the aggregate marks obtained by him. The award of class shall be as follows:-

- | | | |
|----|--|--------------------------------|
| a) | Aggregate 66% or more marks | : First class with Distinction |
| b) | Aggregate 60% or more marks but less than 66% | : First class |
| c) | Aggregate 55% or more marks but less than 60% | : Higher Second class |
| d) | Aggregate 50% or more marks but less than 55% | : Second class |
| e) | Aggregate less than 50% subject to criteria of passing | : Pass class |

The pass percentage shall not be less than 50% in the aggregate marks of F.Y, S.Y., and T.Y. at the end of Stage I.

CLASS OF STAGE II EXAMINATION SHALL BE AWARDED ON THE BASIS OF PERFORMANCE OF FOURTH AND FIFTH YEARS TAKEN TOGETHER.

The pass percentage shall not be less than 50% in the aggregate marks of Fourth Year and Fifth Year at the end of Stage II.

Rule no. 11: EXEMPTIONS & SUPPLEMENTARY EXAMINATION.

In case a candidate fails in an examination but desires to appear again,

a) He/She may be exempted from appearing in the head/s of passing in which he/she has passed.

b) Supplementary examination will be held in Oct./Nov.

c) Only those candidates who appeared but failed / failed with A.T.K.T. in the combined result of Term I and Term II examination taken together will be allowed to appear for the supplementary examination. The candidate failing in sessional / sessional and viva-voce head shall have to improve upon and present the sessional work of term I and term II both at the time of supplementary examination

Rule no. 12: INTRODUCTION OF THIS CURRICULUM.

The new curriculum for the Degree course in Architecture B.Arch and B.Arch (Interior Design) will be introduced gradually as under:

- a) First Yr. B. Arch. course from June 2008
- b) Second Yr. B. Arch. course from June 2009
- c) Third Yr. B. Arch. course from June 2010
- d) Fourth Yr. B. Arch. course from June 2011
- e) Final Yr. B. Arch. course from December 2012.

Rule no. 13 : DEGREE OF BACHELOR IN BUILDING SCIENCES

A Degree of Bachelor in Building Sciences shall be awarded to candidates after successful completion of Stage I in case he / she is unable to complete the first stage within five years of admission to the course and / or wants to opt out of the course at this stage.

Completion of only Stage I shall not qualify the candidates for registration as an Architect.

Rule no. 14: OTHER RULES.

University / affiliated colleges may frame additional rules and regulations or modify these regulations if needed and once approved by the University of Pune, they would be binding on the students.

COURSE STRUCTURE

FIVE YEARS DEGREE COURSE

BACHELOR OF ARCHITECTURE & BACHELOR OF ARCHITECTURE (INTERIOR DESIGN)

And

THREE YEARS DEGREE COURSE - BACHELOR OF BUILDING SCIENCES (Stage I of B.Arch.)

A total of 40 periods per week per term shall be conducted for the course. In addition to the 36 periods specified below, 4 periods per week are given to the institution to orient the course as per their own philosophy. Intensive study as per the institution's philosophy may also be done in addition to the detail syllabus in each subject.

STAGE I

Legend : SV = Sessional & Viva-voce, SS = Sessional.

FIRST YEAR B.ARCH, FIRST YEAR B.ARCH (I.D.), FIRST YEAR B.B.S.

Sr. No.	Subject Code	Name of Subject	Head	Teaching Scheme			Examination Scheme		
				Lecture Periods	Studio Periods	Total Periods	Term I Marks	Term II Marks	Total Marks
1	113421	Basic Design I	SV	1	5	6	150	150	300
2	113422	Architectural Design I	SS	1	5	6	150	150	300
3	113423	Arch. Drg. & Graphics I	SS	1	5	6	100	100	200
4	113424	Bldg. Tech. & Materials I	SV	2	4	6	150	150	300
5	113425	Bldg. Tech. & Materials I	Theory				--	100	100
6	113426	Theory of Structures I	SS	2	2	4	50	50	100
7	113427	Theory of Structures I	Theory				--	100	100
8	113428	H.A. & H.S. I	SS	3	--	3	50	50	100
9	113429	H.A. & H.S. I	Theory				--	100	100
10	113430	Design Fundamentals of Arch I	SS	2	--	2	100	100	200
11	113431	Design Fundamentals of Arch I	Theory				--	100	100
12	113432	Workshop and Model Making	SS	--	3	3	50	50	100
		T O T A L		12	24	36	800	1200	2000

SECOND YEAR B.ARCH, SECOND YEAR B.ARCH (I.D.), SECOND YEAR B.B.S.

Sr. No.	Subject Code	Name of Subject	Head	Teaching Scheme			Examination Scheme		
				Lecture Periods	Studio Periods	Total Periods	Term I Marks	Term II Marks	Total Marks
1	213421	Basic Design II	SS	1	4	5	150	150	300
2	213422	Architectural Design II	SV	2	5	7	150	150	300
3	213423	Arch. Drg. & Graphics II	SS	1	4	5	100	100	200
4	213424	Bldg. Tech. & Materials II	SV	2	4	6	150	150	300
5	213425	Bldg. Tech. & Materials II	Theory				--	100	100
6	213426	Theory of Structures II	SS	2	2	4	50	50	100
7	213427	Theory of Structures II	Theory				--	100	100
8	213428	H.A. & H.S. II	SS	3	--	3	50	50	100
9	213429	H.A. & H.S. II	Theory				--	100	100
10	213430	Building Services I	SS	2	--	2	100	100	200
11	213431	Building Services I	Theory				--	100	100
12	213432	Building Sciences	SS	1	3	4	50	50	100
		T O T A L		14	22	36	800	1200	2000

THIRD YEAR B.ARCH, THIRD YEAR B.ARCH (I.D.), THIRD YEAR B.B.S.

Sr. No.	Subject Code	Name of Subject	Head	Teaching Scheme			Examination Scheme		
				Lecture Periods	Studio Periods	Total Periods	Term I Marks	Term II Marks	Total Marks
1	313421	Architectural Design III	SV	4	6	10	250	250	500
2	313422	Architectural Design III	Theory				--	100	100
3	313423	Bldg. Tech. & Materials III	SV	2	5	7	150	150	300
4	313424	Bldg. Tech. & Materials III	Theory				--	100	100
5	313425	Theory of Structures III	SS	2	1	3	50	50	100
6	313426	Theory of Structures III	Theory				--	100	100
7	313427	Building Services II	SS	2	2	4	100	100	200
8	313428	Building Services II	Theory				--	100	100
9	313429	Landscape Architecture & Environmental Sciences	SS	1	2	3	50	50	100
10	313430	Seminar on Contemporary Arch	SS	2	-	2	50	50	100
11	313431	Working Drawing	SS	2	3	5	100	100	200
12	313432	Technical Communication	SS	1	1	2	50	50	100
		T O T A L		16	20	36	800	1200	2000

STAGE II

Legend : SV = Sessional & Viva-voce, SS = Sessional.

Intensive Study of the subjects of Interior Design for B.Arch (I.D.) shall be carried out additionally under the subjects having heads of SS or SV as per the curriculum framed by the affiliated institution offering the course after the approval of the University.

FOURTH YEAR B.ARCH AND FOURTH YEAR B.ARCH (I.D.)

Sr. No.	Subject Code	Name of Subject	Head	Teaching Scheme			Examination Scheme		
				Lecture Periods	Studio Periods	Total Periods	Term I Marks	Term II Marks	Total Marks
1	413421	Architectural Design II	SV	2	10	12	300	300	600
2	413422	Adv. Bldg. Tech. & Services	SV	2	5	7	150	150	300
3	413423	Design & Tech. Elective	SS	1	1	2	50	50	100
4	413424	Quantity Surveying and Est.	SS	1	3	4	50	50	100
5	413425	Quantity Surveying and Est.	Theory				--	100	100
6	413426	Specification Writing	SS	2	-	2	50	50	100
7	413427	Specification Writing	Theory				--	100	100
8	413428	Town Planning	SS	1	3	4	50	50	100
9	413429	Town Planning	Theory				--	100	100
10	413430	Professional Practice	SS	2	-	2	50	50	100
11	413431	Professional Practice	Theory				--	100	100
12	413432	Dissertation & Architectural Project Part I	SS	1	2	3	100	100	200
		T O T A L		12	24	36	800	1200	2000

FIFTH YEAR B.ARCH AND FIFTH YEAR B.ARCH (I.D.)

Sr. No.	Subject Code	Name of Subject	Head	Teaching Scheme			Examination Scheme		
				Lecture Periods	Studio Periods	Total Periods	Term I Marks	Term II Marks	Total Marks
1	513421	Practical Training	SV	--	--	--	100	--	100
2	513422	Architectural Project Part II	SV	2	10	12	--	400	400
3	513423	Management Elective	SS	1	1	2	--	50	50
4	513424	Allied Elective	SS	1	1	2	--	50	50
		T O T A L		4	12	16	100	500	600