

UNIVERSITY OF PUNE

RULES

FOR

Five years degree course

Of

**BACHELOR OF ARCHITECTURE
(CONSTRUCTION MANAGEMENT)**

(To be implemented from 2011-12)

FACULTY OF ENGINEERING

BOARD OF STUDIES IN ARCHITECTURE.

**BACHELOR OF ARCHITECTURE
(CONSTRUCTION MANAGEMENT)**

UNIVERSITY OF PUNE

Rules for structure of First to Fifth Year B.Arch. (Construction Management)

Rule No.1: ELIGIBILITY FOR ADMISSION.

Eligibility Criteria: Students seeking admission to First year of Bachelor's degree course in Architecture (Construction Management) 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 (Construction Management.) will be required to appear for and pass examinations as under.

No.	Examination	Consisting of
STAGE -I		
1.	First Examination in Architecture(C.M.)]	[I B.Arch.(C.M.)]Term I & II
2.	Second Examination in Architecture(C.M.)]	[II B.Arch.(C.M.)] Term I & II
3.	Third Examination in Architecture(C.M.)]	[III.B.Arch. (C.M.)]Term I & II
STAGE –II		
4.	Fourth Examination in Architecture(C.M.)]	[IV B.Arch.(C.M.)] Term I & II
5.	Bachelor of Architecture (Construction Management)	[V B.Arch.(C.M.)] 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 internal teacher during the term and jointly assessed at the end of academic year by the internal and external examiners.

The candidate will be permitted to appear for annual examination **only** if he/she keeps term 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: PRE-REQUISITES 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 & 50% marks in each sessional / sessional & viva-voce head.

For admission to **stage II** of the course:

- Candidate 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 the 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. (C.M)
- 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.(C.M.) 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.M.)
- c) A student shall be allowed to keep term for the Fourth Year only if he/she has no backlog Second Year B. Arch.(C.M.) 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.(C.M.)
- d) Fourth & 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 the Fourth Year.

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

Rule No.6: EXAMINATIONS.

At each examination,

- i. Paper
- ii. Sessional
- iii. Sessional and viva-voce based on sessional work, as prescribed in the subjects, for both the terms together, shall constitute the heads of passing.

Rule No.7: CONDUCT OF EXAMINATION:

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

The examination for the Third, Fourth & Fifth Year B.Arch (C.M) shall be conducted by the University of Pune.

Rule No.8: SESSIONAL WORK ASSESSMENT.

a. In respect of Sessional work at F.Y. B.Arch.(C.M), S.Y. B.Arch(C.M.), T.Y. B.Arch.(C.M.), Fourth Yr. B.Arch(C.M.). & Fifth Year B.Arch (.C.M). 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 internal teacher during Term I and Term II.

b. At the end of the each Term sessional work shall be assessed jointly by the internal and external examiner 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, 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 & 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, and Third, External Examiner means a teacher who is not teaching in the college for which the examination is being conducted.

i. For Fourth & Final 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 4th & 5th year examination, the professional shall have a minimum of Ten years professional experience.

Rule No.9: CRITERIA FOR PASSING

To pass the F.Y./S.Y./T.Y./Fourth Yr. / Fifth Year 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 shall 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 : First class
but less than 66%
- c) Aggregate 55% or more marks : Higher Second class
but less than 60%
- d) Aggregate 50% or more marks : Second class
but less than 55%.
- e) Aggregate less than 50% : Pass class.
subject to criteria of passing

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 YEAR EXAMINATIONS TAKEN TOGETHER.

The pass percentage shall not be less than 50% in the aggregate marks of Fourth Year & 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 & 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. (Construction Management) will be introduced gradually as under:

- a) First Yr. B.Arch. (Construction Management.) Course from June 2011
- b) Second Yr. B.Arch. (Construction Management) course from June 2012
- c) Third Yr. B.Arch. (Construction Management) course from June 2013
- d) Fourth Yr. B.Arch. (Construction Management) course from June 2014
- e) Final Yr. B.Arch. (Construction Management) course from December 2015.

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.

UNIVERSITY OF PUNE

COURSE STRUCTURE

FIVE YEARS DEGREE COURSE

BACHELOR OF ARCHITECTURE (CONSTRUCTION MANAGEMENT)

A total of 40 periods per week per Term shall be conducted for the course. In addition to the 36 period specified below, 4 period 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, TH= Theory.

FIRST YEAR B.ARCH (Construction Management)

Sr. No.	Subject Code	Name of the Subject	Head	Teaching Scheme			Examination Scheme		
				Load/Week		Total	Term I	Term II	Total
				L	S/P	Load	Marks	Marks	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	113451	Arch. Drg,Graphics & Model Making -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	TH				---	100	100
6	113426	Theory of Structures-I	SS	2	2	4	50	50	100
7	113427	Theory of Structures-I	TH				---	100	100
8	113428	H.A. & H.S.-I	SS	3	---	3	50	50	100
9	113429	H.A. & H.S.-I	TH				---	100	100
10	113430	Design Fundamentals of Arch-I	SS	2	---	2	100	100	200
11	113431	Design Fundamentals of Arch-I	TH				---	100	100
12	113452	Intro. To Construction Mgmt.	SS	1	2	3	50	50	100
		TOTAL		13	23	36	800	1200	2000

SECOND YEAR B.ARCH (Construction Management)

Sr. No.	Subject Code	Name of the Subject	Head	Teaching Scheme			Examination Scheme		
				Load/Week		Total	Term I	Term II	Total
				L	S/P	Load	Marks	Marks	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	TH				---	100	100
6	213451	Theory of Structures-II	TH	1	1	2	---	100	100
7	213428	H.A. & H.S.-II	SS	3	---	3	50	50	100
8	213429	H.A. & H.S.-II	TH				---	100	100
9	213430	Building Services-I	SS	2	---	2	100	100	200
10	213431	Building Services-I	TH				---	100	100
11	213432	Building Sciences	SS	1	3	4	50	50	100
12	213452	Materials Management	SS	1	1	2	50	50	100
TOTAL				14	22	36	800	1200	2000
STAGE – I - LEGEND - SS- SESSIONAL, V-VIVA VOCE , TH-THEORY PAPER									

THIRD YEAR B.ARCH ((Construction Management)

Sr. No.	Subject Code	Name of the Subject	Head	Teaching Scheme			Examination Scheme		
				Load/Week		Total	Term I	Term II	Total
				L	S/P	Load	Marks	Marks	Marks
1	313421	Architectural Design-III	SV	4	6	10	250	250	500
2	313422	Architectural Design-III	TH				--	100	100
3	313423	Bldg. Tech & Materials - III	SV	2	5	7	150	150	300
4	313424	Bldg. Tech & Materials - III	TH				--	100	100
5	313425	Theory of Structures-III	SS	2	1	3	50	50	100
6	313426	Theory of Structures-III	TH				--	100	100
7	313451	Building Services -II	SS	2	2	4	100	100	200
8	313452	Building Services -II	TH				--	100	100
9	313429	Landscape Arch & 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
		TOTAL		16	20	36	800	1200	2000
STAGE – I - LEGEND - SS- SESSIONAL, V-VIVA VOCE , TH-THEORY PAPER									

STAGE II

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

Intensive study of the subjects of Construction Management 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 (Construction Management)

Sr. No.	Subject Code	Name of the Subject	Head	Teaching Scheme			Examination Scheme		
				Load/Week		Total	Term I	Term II	Total
				L	S/P	Load	Marks	Marks	Marks
1	413451	Architectural Design-IV	SV	2	8	10	300	300	600
2	413452	Advanced Const.Materials & Equip. Mgmt.	SV	2	5	7	150	150	300
3	413423	Design & Tech Elective.	SS	1	1	2	50	50	100
4	413424	Quantity Surveying & Estimation.	SS	1	3	4	50	50	100
5	413425	Quantity Surveying & Estimation.	TH				---	100	100
6	413453	Specification Writing	TH	2	---	2	---	100	100
7	413428	Town Planning	SS	1	3	4	50	50	100
8	413429	Town Planning	TH				---	100	100
9	413430	Professional Practice	SS	2	---	2	50	50	100
10	413431	Professional Practice	TH				---	100	100
11	413432	Dissertation & Architectural Project Part I	SS	1	2	3	100	100	200
12	413454	Const. Mgmt. Theory& Practices	SS	1	1	2	50	50	100
		TOTAL		13	23	36	800	1200	2000
STAGE –II - LEGEND - SS- SESSIONAL, V-VIVA VOCE , TH-THEORY PAPER									

FIFTH YEAR B.ARCH (Construction Management)

Sr. No.	Subject Code	Name of the Subject	Head	Teaching Scheme			Examination Scheme		
				Load/Week		Total	Term I	Term II	Total
				L	S/P	Load	Marks	Marks	Marks
1	513421	Practical Training-I	SV	--	--	--	100	--	100
2	513451	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
		TOTAL		4	12	16	100	500	600
STAGE -II - LEGEND - SS- SESSIONAL, V-VIVA VOCE , TH-THEORY PAPER									