

Faculty of Engineering & Technology

Syllabi for Fifth year of

# ARCHITECTURE

(Effective from A.Y.2006)

॥ अंतरी पेटवू ज्ञानज्योत ॥



**NORTH MAHARASHTRA UNIVERSITY,  
JALGAON**

2014  
29/10/06

**North Maharashtra University, Jalgaon**  
**Fifth Year Architecture (B.Arch.)**  
**Term -I**

Sr.No.	Subject	Teaching Scheme				Scheme of Examination			Paper
		Lectures	Tutorial	Studi	Total	Paper	Sectional	Total	Duration
1	Practical tanning	-	-	-	14 to 16 week	-	200 viva	200	-
	<b>Total</b>	-	-	-	14 to 16 week	-	200	200	-

**Fifth Year Architecture (B.Arch.)**  
**Term -II**

Sr.No.	Subject	Teaching Scheme				Scheme of Examination			Paper
		Lectures	Tutorial	Studi	Total	Paper	Sectional	Total	Duration
1	Professional practice-II	3	1	-	4	100	50	150	3 Hrs.
2	Elective-III	2	1	-	3	-	50	50	-
3	Dissertation project work	2	6	-	8	-	300	300	-
	<b>Total</b>	7	8	-	15	100	400	500	-

(1)

**NORTH MAHARASHTRA UNIVERSITY, JALGAON [M.S.]**  
**FACULTY OF ENGINEERING.**  
**FIFTH YEAR DEGREE COURSE IN ARCHITECTURE.**  
**FINAL (FIFTH) YEAR B. ARCH**  
**[TERM- I]**

**01. PRACTICAL TRAINING.**

**VIVA VOCE ONLY ON PRACTICAL TRAINING – 200 MARKS.**

The term –I of final year comprising of not less than 16 weeks of continuous

period which will be spent by student in an Architect's office /site office /research institute

engaged in research on building and maintain a close liaison with the professor

at college during this period the student will maintain a log book as prescribed and shall be signed by the proprietor of that office.

The candidate is expected to work in an architect's office or on site during this semester in accordance with the discipline of the organization where he is working. The candidate is also expected to utilize this time in collecting the data for the preparation of the dissertation topic that has got approved from the professor concerned. The candidate will enrol himself at the college by paying his fees and the successful completion of the term will be certified by the principal of the college in his logbook.

On the successful completion of the practical training, one internal and one external examiner on the training he has undergone and the report submitted by the employer will conduct a viva voce jointly.

**PROFORMA OF THE LOG BOOK :-**

Name of the candidate and address –

Roll no –

Dissertation subject –

Name of the employer /firm and address with telephone no-

- Nature of the business
- Attendance performance
- Nature of the work
- Work carried out by the candidate in office
- Work carried out by the candidate on site
- Performance of the candidate
- Office
- Site
- Date of joining
- Date of leaving.

Seal

Signature of the employer.

(2)

**FINAL YEAR B.A.R.C.H  
(TERM -II)**

**01.PROFESSIONAL PRACTICE**

PAPER – 3HOURS            100 MARKS  
SESSIONAL WORK - 50 MARKS  
LECTURE PERIODS – 3 / WEEK  
STUDIO PERIODS - 1 /WEEK

**OBJECTIVE:-**

To acquaint the student with documentation and procedures for the execution of projects and managerial aspects of the same .

**COURSE OUTLINE –**

- 1) Type of tendering ,tender document ,tender notice and selection of the contractor for the work / project, letter of intent to the contractor.
- 2) Articles of agreement and conditions of contract ( study of conditions stipulated by i.i.a ./c o a ).
- 3) Site visit report ,provision of price escalation in government projects .
- 4) Study of managerial skills to extract time bound quality performance from the selected contractor.
- 5) Introduction to arbitrator proceedings .

**RECOMMENDED READINGS :-**

- 1) handbook of professional practice by i.i.a
- 2) council of architecture publication .
- 3) architectural practice and procedures- Hamilton turner.
- 4) Professional practice by-R.H.Namavati
- 5) Private architectural practice –Tayer.

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**02.ELECTIVE III**

PAPER –NIL  
SESSIONAL WORK – GRADATION  
LECTURE PERIODS PER WEEK- 2  
STUDIO PERIODS PER WEEK - NIL.

**OBJECTIVES: –**

To introduce student to possible specializations in various fields in architecture in view of career development avenues available.

**COURSE OUTLINE: -**

The following courses shall be available.

- 1) G.S.I.application in architecture.
- 2) Cost effective architecture.

- 4) Application of non-conventional energy in architecture.
- 4) Barrier free architecture.
- 5) Hotel architecture.
- 5) Architectural conservation.
- 7) Non-conventional building materials and techniques of construction.
- 8) Traffic and transportation.

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### 03. DISSERTATION

PER- NIL

SIONAL WORK – 150 MARKS.

CTURE PERIODS – 1/WEEK

IL PERIODS – 2/ WEEK

JECTIVE :-

inculcate in students an awareness and ability to undertake methodical search for original and /or comprehensive assessment of needs and design solutions to problems in social, cultural or environmental contract.

COURSE OUTLINE :-

- 1) The topic to be of architectural relevance and approved by the college.
- 2) The topic should possess at least two executed examples for case studies one of which to be preferably such as student can physically examine.
- 3) The dissertation should be laboured in the form of an architectural design solution and presented vide a written report and copies of drawings.

ECOMMONDED READINGS :-

- 1) How to write assignments, research papers ,dissertation and thesis by- Bedekar.
- 2) Thesis and assignment writing by – Anderson and Others.
- 3) Design competitions by- Spreiregen.
- 4) Design for the real world – Papanek
- 5) Modern buildings –John Winter.
- 6) Behavioral Architecture – Heimsath.
- 7) Lived in architecture – Boudon
- 8) Periodicals and journals on aarchitecture.

