

**Rashtrasant Tukdoji Maharaj Nagpur University**

**Direction No.27 of 2012**

Direction issued under section 14(8) of the Maharashtra Universities Act, 1994, relating to B. Arch. I Year (Semester Pattern) for the award of Degree of Bachelor of Architecture Full Time in the Faculty of Engineering and Technology.

Whereas, the Maharashtra Universities Act No. XXXV of 1994 has come into force with effect from 22<sup>nd</sup> July, 1994.

AND

Whereas, the amendment to the said Act came to be effected from 12<sup>th</sup> September, 2006.

AND

Whereas, the Board of Studies in Architecture in the Faculty of Engineering and Technology at its meeting held on 30<sup>th</sup> April 2012, have decided to make amendment related to First year B. ARCH. in semester pattern for award of degree of Bachelor of Architecture of Full time in the Faculty of Engineering and Technology.

AND

Whereas, the Dean and the Faculty of Engineering and Technology has concurred with the recommendations of the Board of Studies in Architecture in the Faculty of Engineering and Technology on 30<sup>th</sup> January 2012 and 18<sup>th</sup> February 2012.

AND

Whereas, the Academic Council in its meeting held on 23<sup>rd</sup> February, 2012 vide item No. 325 and sub-committee constituted in the meeting of Board of Studies Architecture in the Faculty of Engineering and Technology at its meeting held on 14<sup>th</sup> September, 2011 and Faculty in its meeting held on 18<sup>th</sup> February, 2012 have considered and approved the scheme of examination of semester pattern with credit based system for B.Arch. First year in Faculty of Engineering & Technology and absorption scheme to be implemented from the academic session 2012-13.

AND

Whereas, the Management Council in its meeting held on 11<sup>th</sup> May,, 2012 vide item No. 102 has considered and approved the scheme of examination of semester pattern with credit based system for B.Arch. First year in Faculty of Engineering & Technology and absorption scheme to be implemented from the academic session 2012-13.

AND

Whereas, the recommendations made by the Board of Studies in Architecture as approved by the Vice Chancellor pertains to Examination leading to the B. Arch. First Year (semester-I and semester-II) for award of degree of Bachelor of Engineering in the Faculty of Engineering and Technology.

AND

Whereas, it is expedient to provide an Ordinance for the purposes of describing examination in the semester patten leading to the First and Second Semester for award of Degree of Bachelor of Engineering in the Faculty of Engineering and Technology, indicating therein the syllabus and scheme of examination including absorption scheme and award of grades.

AND

Whereas, an Ordinance is in existence for the award of the degree with yearly pattern scheme and the same is now changed in to semester pattern scheme and this could be done only by way of making amendment to the concerned ordinance and seems making of amendment to the concerned ordinance is time consuming process and it is not possible to make amendment in the time limit.

Now, therefore, I Dr. V.S. Sapkal, Vice Chancellor of Rashtrasant Tukdoji Maharaj Nagpur University, Nagpur in exercise of powers vested in me under section 14(8) of the Maharashtra Universities Act, 1994, do hereby issue the following Direction pertaining to the amendment as made for semester-I and Semester – II for the award of Bachelor of Architecture, in the Faculty of Engineering and Technology.

1. This Direction shall be called "Direction regarding Semester Pattern Scheme and Examination leading to B. Arch. First Year (Semester I and Semester II) to the Degree of Bachelor of Architecture in the Faculty of Engineering and Technology of Rashtrasant Tukdoji Maharaj Nagpur University, Nagpur.
2. Subject to the compliance with the provisions of this Direction and any other Ordinance which is in force from time to time shall be applicable
3. The Scheme of Examination for Semester-I and Semester – II shall be as mentioned in the Table below –

**SCHEME OF EXAMINATION FOR  
B. Arch. FIRST YEAR  
(SEMESTER – I)**

S. No	Sub. Name	Load Per Week					Credits					Paper/Sessional	Max. Marks	Total Marks	Min. Pass Marks
		L	T	D	S/P	Total	L	T	D	S/P	Total				
1	Basic Design & Visual Art	2	0	4	0	6	2	0	4	0	6	Sessional	200	200	100
2	Construction Technology & Materials - I	2	0	2	0	4	2	0	2	0	4	Sessional	150	150	75
3	Structural Design & Systems – I	1	1	0	0	2	1	1	0	0	2	Sessional	100	100	50
4	History of Art & Architecture –I	2	1	0	0	3	2	1	0	0	3	Sessional	100	100	50
5	Architectural Graphics I	3	0	0	2	5	3	0	0	2	5	Sessional	150	150	75
6	Workshop Practice- I	0	0	0	2	2	0	0	0	2	2	Sessional	50	50	25
7	Computer Application (NG)	0	0	1	1	2	0	0	1	1	2	Sessional	50	50	25
8	Elective a	1	2	0	0	3	1	2	0	0	3	Sessional	100	100	50
9	Elective b	1	2	0	0	3	1	2	0	0	3	Sessional	100	100	50
<b>TOTAL</b>		<b>12</b>	<b>6</b>	<b>7</b>	<b>5</b>	<b>30</b>	<b>12</b>	<b>6</b>	<b>7</b>	<b>5</b>	<b>30</b>		<b>1000</b>	<b>1000</b>	<b>500</b>

**Total Paper-0, Sessionals- 9 (Passing heads- 9)**

Elective a -Presentation Skills/Public Speaking/Sketching & Rendering/Communication Skills-I

Elective b -Mathematics/Mathematical Applications/Statistical Methods/Numerical Abilities/Scale & Proportion

**SCHEME OF EXAMINATION FOR  
B. Arch. FIRST YEAR  
(SEMESTER – II)**

S. No	Sub. Name	Load Per Week					Credits					Paper/Sessional	Max. Marks	Total Marks	Min. Pass Marks
		L	T	D	S/P	Total	L	T	D	S/P	Total				
1	Architectural Design I	2	0	0	4	6	2	0	0	4	6	Sessional Viva - Voce	100 50	100 50	75
2	Construction Technology & Materials -II	2	0	2	0	4	2	0	2	0	4	Sessional Paper	50 100	50 100	25 40
3	Structural Design & Systems- II	2	1	0	0	3	2	1	0	0	3	Sessional Paper	30 70	100	40
4	History of Art & Architecture -II	2	1	0	0	3	2	1	0	0	3	Sessional Paper	30 70	100	40
5	Architectural Graphics II	2	0	0	2	4	2	0	0	2	4	Sessional Paper	50 100	50 100	25 50
6	Workshop Practice - II	0	0	1	1	2	0	0	1	1	2	Sessional	50	50	25
7	Climatology	1	1	0	0	2	1	1	0	0	2	Sessional Paper	30 70	100	40
8	Elective a	1	2	0	0	3	1	2	0	0	3	Sessional	100	100	50
9	Elective b	1	2	0	0	3	1	2	0	0	3	Sessional	100	100	50
<b>TOTAL</b>		<b>13</b>	<b>7</b>	<b>3</b>	<b>7</b>	<b>30</b>	<b>13</b>	<b>7</b>	<b>3</b>	<b>7</b>	<b>30</b>		<b>1000</b>	<b>1000</b>	<b>460</b>

**Total Paper-5, Sessionals- 6, viva-voce- 1 (Passing heads- 12)**

Note : Sessional marks in studio subject shall be awarded by viva jointly conducted by external & internal examiner appointed by University.

Elective a - Presentation Skills-II/Public Speaking-II/Sketching & Rendering-II/Foreign Languages/Communication Skills-II

Elective b - Fundamentals of Painting/Fundamentals of Sculpture/Fundamentals of Drawing Techniques

## ABSORPTION SCHEME FOR BACHELOR OF ARCHITECTURE

### Back Log of Old Course (Annual Pattern)

### Absorption Scheme in Semester Pattern

Year	Subject Code	Subject Name	Semester	Subject Code	Subject Name
1st	1Y-A-1	Design - I	2nd	2S-A-1	Architectural Design – I
1st	1Y-A-2	Construction - I	2nd	2S-A-2	Construction Technology & Materials – II
1st	1Y-A-3	Graphics - I	2nd	2S-A-5	Architectural Graphics – II
1st	1Y-A-4	Structure - I	2nd	2S-A-3	Structural Design & Systems – II
1st	1Y-A-5	History of Architecture - I	2nd	2S-A-4	History of Art & Architecture –II
1st	1Y-A-6	Building Materials	1st	1S-A-2	Construction Technology & Materials - I
1st	1Y-A-7	English (Communication Skills)	1st	1S-AA-1	Elective a
1st	1Y-A-8	Mathematics	1st	1S-AA-2	Elective b
1st	1Y-A-9	Visual Arts - I	1st	1S-A-1	Basic Design & Visual Art
1st	1Y-A-10	Work Shop	2nd	2S-A-6	Workshop Practice – II

#### NOTE:

\* All sessional subjects to be submitted through an Institute.

\*\* Design Subject Viva voce to be appeared through an Institute under the guidance of the concerned faculty of that institute.

\*\*\* Subject having university exam in odd semester as well as sessional work in even semester to be appeared by the student.

4. The A.T.K.T. Rules shall be same as per the existing provisions in which First Year B. Arch. shall be read as First and Second Semester.
5. (i) The Scope of subject shall be as indicated in the syllabus  
(ii) The medium of instruction and examination shall be English
6. The provisions of Ordinance no. 7(a) relating to “condonation of deficiency of marks” for passing an examination and of Ordinance no. 10 as amended up-to-date relating to “exemptions and compartments” shall apply to the examination under this Ordinance.
7. An Examinee who does not pass or who fails to present himself/ herself for the examination shall be eligible for readmission to the same examination, on payment of a fresh fee and such other fees as may be prescribed from time to time. However, readmission to semester should be allowed only when a regular sessions is running for a particular semester.
8. The computation of Semester Grade Point Average (SGPA) and Cumulative Grade Point Average (CGPA) of an examinee shall be implemented progressively from the academic session 2012-13 and onwards as given below :-

The marks will be given in all examinations which will include college assessment marks and the total marks for each Theory / Practical shall be converted into Grades as per Table II.

SGPA shall be calculated based on Grade Points corresponding to Grade as given in Table II and the Credits allotted to respective Theory / Practical shown in the scheme for respective semester.

SGPA shall be computed for every semester and CGPA shall be computed only in VIII semester. The CGPA of VIII semester shall be calculated based on SGPA of VII and SGPA of VIII semester as per following computation :-

$$SGPA = \frac{C1 \times G1 + C2 \times G2 + \dots + Cn \times Gn}{C1 + C2 + \dots + Cn}$$

Where C1 = Credit of individual Theory / Practical  
G1 = Corresponding Grade Point obtained in the respective Theory / Practical

$$CGPA = \frac{(SGPA)_{VII} \times (Cr)_{VII} + (SGPA)_{VIII} \times (Cr)_{VIII}}{(Cr)_{VII} + (Cr)_{VIII}}$$

Where (SGPA)<sub>VII</sub> = SGPA of VII Semester  
(Cr)<sub>VII</sub> = Total Credits for VII Semester  
(SGPA)<sub>VIII</sub> = SGPA of VIII Semester  
(Cr)<sub>VIII</sub> = Total Credits for VIII Semester

CGPA equal to 6.00 and above shall be considered as equivalent to First Class which shall be mentioned on Grade Card of VIII Semester as a foot note.

TABLE II  
THEORY

Grade Percentage of Marks	Grade Points	
AA	80 ≤ Marks ≤ 100	10
AB	70 ≤ Marks < 80	9
BB	60 ≤ Marks < 70	8
BC	55 ≤ Marks < 60	7
CC	50 ≤ Marks < 55	6
CD	45 ≤ Marks < 50	5
DD	40 ≤ Marks < 45	4
FF	00 ≤ Marks < 40	0
ZZ	Absent in Examination	—

PRACTICAL

Grade Percentage of Marks	Grade Points	
AA	85 ≤ Marks ≤ 100	10
AB	80 ≤ Marks < 85	9
BB	75 ≤ Marks < 80	8
BC	70 ≤ Marks < 75	7
CC	65 ≤ Marks < 70	6
CD	60 ≤ Marks < 65	5
DD	50 ≤ Marks < 60	4
FF	00 ≤ Marks < 50	0
ZZ	Absent in Examination	—

9. As soon as possible, after the examination the Board of Examinations shall publish a list of successful examinees.
10. I, further direct that the aforesaid Direction shall come into force from the date of issuance and shall remain in force till the relevant Ordinance comes into being in accordance with the provisions of Maharashtra Universities Act, 1994 and the relevant provisions published by this Direction shall be physically repealed from the existing Ordinance.

Nagpur

Dated : 22/6/2012

Sd/-  
(Dr. V.S.Sapkal)  
Vice Chancellor