

EXAMINATION SCHEME

**FACULTY OF ARCHITECTURE
SARVAJANIK COLLEGE OF ENGINEERING AND TECHNOLOGY**

VEER NARMAD SOUTH GUJARAT UNIVERSITY

PROPOSED FROM 1st April 2007

Revised on 24-07-2007

SCHEME FOR THE Syllabus

Introduction: The Scheme for the syllabus is based on the salient features from the Broad objectives and the Mission statement of the Department as an organisation of Architectural studies. The Emphasis and the contents of the Scheme have been derived from the observations of the changing world scenarios and the future trends to come up for which the students need to be trained and educated as an Architectural professional as well as a responsible citizen of the Nation. **The Qualitative living Environment (as mentioned in our broad objectives) as a focus** involves many aspects of the built environment which deals with responsiveness and sensitivity in dealing with issues towards the Nation, the World and the social concerns for humanistic values and environment/ ecology which can be preserved and conserved by Architects. This is possible by the way they are educated and trained to understand, investigate, conclude and implement those understanding as functional, usable, healthy spaces to achieve the level of “Qualitative living environment in a sustainable manner” when they learn to Design and implement their plans as Architects. Here sustainability of the local/ regional natural resources, culture and diversity is encouraged along with Global and International perspectives for a healthy environment.

This helps the students to be competent in the social complexities , environmental concerns and changing technology issues as mentioned in our Mission statement. The Scheme becomes self explanatory when read along with the Emphasis and Contents attached with the credits break up in the details attached.

Veer Narmad South Gujarat University

B.ARCH. I (SEM – I)

COURSE	COURSE NO.	EXAMINATION SCHEME									GRAND TOTAL
		TEACHING SCHEME			THEORY EXAMS		PRACTICAL EXAM				
		L Hours	S/P/W Hours (TW)	Credits	Duration Hours	Marks	Tutorial Marks	End Sem Marks	Conti. Eval Marks	Total (8+9+10)	
1	2	3	4	5	6	7	8	9	10	11	12
Studio – I Basic and Arch. Design	AR - 101	-	8 (5+3)	8	-	-	-	250/100	250	500/200	500
Technical Representation Drawing I (TRD)	AR – 102	-	5	5	-	-	-	150/60	150	300/144	300
Bldg. Materials Construction – I	AR – 103	3	2	5	3	100	-	30/12	20	50/24	150
Structures – I	C – 104	2	3	5	3	100	-	30/12	20	50/24	150
History of Culture – I	AR – 105	3	-	3	2	50	-	30/12	20	50/24	100
Photography & Graphical Representation Skills*	AR – 106	-	4	4	-	-	-	50/20	50	100/48	100
		09	21	30	-	-	-				
Total Contact Hours / Week		Total Hours - 30									1300
Comm. Skills				02							

* Graphical Skills will include any one skill e.g., Drawing and Painting, Sketching, etc.

B.ARCH. I (SEM – II)

COURSE	COURSE NO.	EXAMINATION SCHEME									GRAND TOTAL
		TEACHING SCHEME			THEORY EXAMS		PRACTICAL EXAM				
		L Hours	S/P/W Hours (TW)	Credits	Duration Hours	Marks	Tutorial Marks	End Sem Marks	Conti. Eval. Marks	Total (8+9+10)	
1	2	3	4	5	6	7	8	9	10	11	12
Studio – II Basic and Arch. Design	AR - 201	-	9 (3+4+2)	9	-	-	-	250/100	250	500/240	500
Technical Representatio n Drawing II (TRD)	AR – 202	-	5	5	-	-	-	150/60	150	300/144	300
Bldg. Materials & Construction – II	AR – 203	3	2	5	3	100	-	30/12	20	50/24	150
Structures – II	C – 204	2	3	5	3	100	-	30/12	20	50/24	150
History of Culture– II	AR – 205	3	-	3	2	50	-	30/12	20	50/24	100
Environment & Ecology	AR – 206	3	-	3	2	50	-	30/12	20	50/24	100
		12	18	30	-	-	-				
Total Contact Hours / Week		Total Hours - 30									1300
Comm. Skills				02							

Note: Communication skills is compulsory to pass but will not be added in Calculating the CPI

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B.ARCH. II (SEM – III)

COURSE	COURSE NO.	EXAMINATION SCHEME									GRAND TOTAL
		TEACHING SCHEME			THEORY EXAMS		PRACTICAL EXAM				
		L Hours	S/P/W Hours (TW)	Credits	Duration Hours	Marks	Tutorial Marks	End Sem Marks	Conti. Eval Marks	Total (8+9+10)	
1	2	3	4	5	6	7	8	9	10	11	12
Studio – III Architectural & Basic Design	AR - 301	-	10 (7+3)	10	-	-	-	250/100	250	500/240	500
History of Architecture– I	AR – 302	3		3	2	50/18	-	30/12	20	50/24	100
Bldg. Materials & Construction – III	AR – 303	2	2	4	3	100/36	-	60/24	40	100/48	200
Structures – III Theory of Structure	C – 304	3	2	5	3	100/36	-	60/24	40	100/48	200
History of Culture– III	AR – 305	2	-	2	2	50/18	-	30/12	20	50/24	100
Climatology	AR – 306	2	1	3	2	50/18	-	30/12	20	50/24	100
Surveying and Levelling	C – 307	2	1	3	2	50/18	-	30/12	20	50/24	100
		14	16	30							1300
Total Contact Hours / Week		Total Hours - 30									

B.ARCH. II (SEM – IV)

COURSE	COURSE NO.	EXAMINATION SCHEME									GRAND TOTAL
		TEACHING SCHEME			THEORY EXAMS		PRACTICAL EXAM				
		L Hours	S/P/W Hours (TW)	Credits	Duration Hours	Marks	Tutorial Marks	End Sem Marks	Conti. Eval Marks	Total (8+9+10)	
1	2	3	4	5	6	7	8	9	10	11	12
Studio – IV Arch. Design	AR - 401	-	10	10	-	-	-	200/80	200	400/192	400
History of Architecture– II	AR – 402	3	-	3	2	50/18	-	30/12	20	50/24	100
Bldg. Materials & Construction – IV	AR – 403	2	2	4	3	100/36	-	60/24	40	100/48	200
Structures – IV Structural Design I	C – 404	3	2	5	3	100/36	-	60/24	40	100/48	200
History of Culture– IV	AR – 405	2	-	2	2	50/18	-	30/12	20	50/24	100
Bldg. Services I	AR – 406	2	2	4	3	100/36	-	60/24	40	100/48	200
Electives	AR – 407	2	-	2	2	50/18	-	30/12	20	50/24	100
		14	16	30							1300
Total Contact Hours / Week		Total Hours - 30									

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B.ARCH. III (SEM – V)

COURSE	COURSE NO.	EXAMINATION SCHEME									GRAND TOTAL
		TEACHING SCHEME			THEORY EXAMS		PRACTICAL EXAM				
		L Hours	S/P/W Hours (TW)	Credits	Duration Hours	Marks	Tutorial Marks	End Sem Marks	Conti. Eval Marks	Total (8+9+10)	
1	2	3	4	5	6	7	8	9	10	11	12
Studio –V Arch. Design	AR – 501	-	11	11	-	-	-	200/80	200	400/192	400
History of Architecture– III	AR – 502	3	-	3	2	50/18	-	30/12	20	50/24	100
Building Materials & Construction – V	AR – 503	2	2	4	3	100/36	-	60/24	40	100/48	200
Structures – V	C – 504	2	2	4	3	100/36	-	60/24	40	100/48	200
Specifications	AR – 505	2	-	2	2	50/18	-	30/12	20	50/24	100
Building Services – II	AR – 506	2	2	4	3	100/36	-	60/24	40	100/48	200
Electives	AR – 507	2	-	2	2	50/18	-	30/12	20	50/24	100
		13	17	30							1300
Total Contact Hours / Week		Total Hours – 30									

B.ARCH. III (SEM – VI)

COURSE	COURSE NO.	EXAMINATION SCHEME									GRAND TOTAL
		TEACHING SCHEME			THEORY EXAMS		PRACTICAL EXAM				
		L Hours	S/P/W Hours (TW)	Credits	Duration Hours	Marks	Tutorial Marks	End Sem Marks	Conti. Eval Marks	Total (8+9+10)	
1	2	3	4	5	6	7	8	9	10	11	12
Studio –VI Arch. Design	AR – 601	-	11	11	-	-	-	200/80	200	400/192	400
History of Architecture– IV	AR – 602	3	-	3	2	50/18	-	30/12	20	50/24	100
Bldg. Materials & Construction – VI	AR – 603	2	2	4	3	100/36	-	60/24	40	100/48	200
Structures – VI	C – 604	2	2	4	3	100/36	-	60/24	40	100/48	200
Estimation	AR – 605	2	1	3	2	50/18	-	30/12	20	50/24	100
Bldg. Services – III	AR – 606	2	1	3	3	100/36	-	60/24	40	100/48	200
Landscape –I	AR – 607	2	-	2	2	50/18	-	30/12	20	50/24	100
		13	17	30							1300
Total Contact Hours / Week		Total Hours – 30									

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B.ARCH. IV (SEM – VII)

COURSE	COURSE NO.	EXAMINATION SCHEME									GRAND TOTAL	
		TEACHING SCHEME			THEORY EXAMS		PRACTICAL EXAM					
		L Hours	S/P/W Hours (TW)	Credits	Duration Hours	Marks	Tutorial Marks	End Sem Marks	Conti. Eval Marks	Total (8+9+10)		Marks (7+11)
1	2	3	4	5	6	7	8	9	10	11	12	
Studio –VII Professional Training	AR – 701	-	-	30	-	-	-	-	-	-	-	200/96
Total Contact Hours / Week		Total Hours – 30										200

Note: Students have to undergo professional training with a COA registered architect for a period of 1 semester (minimum 16 weeks). He / she has to submit a comprehensive report of the training supported by studio work and certificate from the concerned architect that the work carried out is satisfactory. The work is to be presented on the scheduled date as a part of the University exam, in the presence of three faculty members for the assessment. Note: Professional Training is compulsory to pass but will not be added in Calculating the CPI

B.ARCH. IV (SEM – VIII)

COURSE	COURSE NO.	EXAMINATION SCHEME									GRAND TOTAL	
		TEACHING SCHEME			THEORY EXAMS		PRACTICAL EXAM					
		L Hours	S/P/W Hours (TW)	Credits	Duration Hours	Marks	Tutorial Marks	End Sem Marks	Conti. Eval Marks	Total (8+9+10)		Marks (7+11)
1	2	3	4	5	6	7	8	9	10	11	12	
Studio –VIII Arch. Design	AR – 801	-	12	12	-	-	-	300/120	300	600/288	600	
High-tech Structure	AR- 802	3	1	4	3	100/36	-	60/24	40	100/48	200	
Urban Planning and Management	AR-803	3	1	4	3	100/36	-	60/24	40	100/48	200	
Landscape Design –II	AR-804	2	1	3	2	50/18	-	30/12	20	50/24	100	
Research Methodology	AR-805	2	2	4	-	-	-	50/20	50	100/48	100	
Elective-III	AR-806	2	1	3	2	50/18	-	30/12	20	50/24	100	
		12	18	30							1300	
Total Contact Hours / Week		Total Hours – 30										

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B.ARCH. V (SEM – IX)

COURSE	COURSE NO.	TEACHING SCHEME		Credits	EXAMINATION SCHEME						GRAND TOTAL
		L Hours	S/P/W Hours (TW)		THEORY EXAMS		PRACTICAL EXAM				
					Duration Hours	Marks	Tutorial Marks	End Sem Marks	Conti. Eval Marks	Total (8+9+10)	
1	2	3	4	5	6	7	8	9	10	11	12
Studio –IX ARCH. DESIGN	AR – 901	-	15	15	-	-	-	400/160	400	800/384	800
Contemporary Architecture	AR- 902	2	2	4	2	50/18	-	30/12	20	50/24	100
Housing and Community Planning	AR- 903	3	2	5	3	100/36	-	60/24	40	100/48	200
Construction Management	AR- 904	3	-	3	2	50/18	-	30/12	20	50/24	100
Elective-IV	AR-905	2	1	3	2	50/18	-	30/12	20	50/24	100
		10	20	30							1300
Total Contact Hours / Week		Total Hours – 30									

B.ARCH. V (SEM – X)

COURSE	COURSE NO.	TEACHING SCHEME		Credits	EXAMINATION SCHEME						GRAND TOTAL
		L Hours	S/P/W Hours (TW)		THEORY EXAMS		PRACTICAL EXAM				
					Duration Hours	Marks	Tutorial Marks	End Sem Marks	Conti. Eval Marks	Total (8+9+10)	
1	2	3	4	5	6	7	8	9	10	11	12
Studio –X ARCH. DESIGN	AR – 1001	-	26	26	-	-	-	500/200	500	1000/480	1000
Professional Practice	AR- 1002	4	-	4	3	100/36	-	60/24	40	100/48	200
Personal Work Portfolio (C.W.P. - Complete Works' Portfolio)	-	-	-	-	-	-	-	-	-	100/48	100
		4	26	30							1300
Total Contact Hours / Week		Total Hours - 30									

*** NOTE: Degree will be awarded only after completion of compulsory Three Study Tour Programmes (STP)**