TEACHING SCHEME AND COURSES CONTENTS

FOR

Master of Architecture

in

SUSTAINABLE ARCHITECTURE

w.e.f. from 2012 Batch onwards

Syllabus approved in the 16th Senate meeting held on 17-05-2012. The marks redistributed as per the decision taken in the 17th Senate meeting held on 27-08-12.

The dissertation of 3rd & 4th Semester to be evaluated as per the official letter no. NIT/HMR/Acad – 38/ 6454-66 dated 04.10.2012.



DEPARTMENT OF ARCHITECTURE
National Institute of Technology,
Hamirpur (HP) - 177 005

Syllabus approved in the 16th Senate meeting held on 17-05-2012. The marks redistributed as per the decision taken in the 17th Senate meeting held on 27-08-12.

Table 1:
Courses

S. No	CODE	Title Core course	L	T	P/ D	Hours/ week	Cre dit	Exam duration (Hours)
1.	AR-600	Sustainable Architecture Theory and Principles.	3	-	-	3	3	3
2.	AR-601	Fundamentals of Ecology	3	-	-	3	3	3
3.	AR-602	Urban & Regional Planning	3	-	-	3	3	3
4.	AR-603	Design Studio-I	-	-	6	6	3	Comprehensive Viva Voce
5.	AR-604	Landscape Architecture	3	-	-	3	3	3
6.	AR-605	Urban Design	3	-	-	3	3	3
7	AR-606	Energy Efficient Architecture	3	-	-	3	3	3
8	AR-607	Design Studio-II	-	-	6	6	3	Comprehensive Viva Voce
9.	AR-799	Self Study	-	-	-	3	2	3
10.	AR-800	Seminar	-	-	-	3	2	Comprehensive Viva Voce
11.	AR-801	Dissertation (to be continued in IVth Sem)	-	-	-	24	12	Comprehensive Viva Voce
12.	AR-801	Dissertation (continued from IIIrd Sem)	-	-	-	40	20	Comprehensive Viva Voce
ELECTIVE COURSES (to be taken two in 1st Semester & One in 2nd semester ; Total = 03)								
1.	AR-700	Housing	3	-	-	3	3	3
2.	AR-701	Planning for Eco-Tourism	3	-	-	3	3	3
3.	AR-702	GIS Applications in Architecture	1	-	4	5		3
4.	AR-703	Architectural Conservation	3	-	-	3	3	3
5.	AR-704	Traffic & Transportation Planning	3	-	-	3	3	3
6.	AR-705	Disaster Mitigation & Management	3	-	-	3	3	3
7.	AR-706	Intelligent Buildings & Futuristic Architecture	3	-	-	3	3	3
8.	AR-707	Computer Applications in Architecture	1	-	4	5	3	3
OPEN ELECTIVE COURSES One in 2nd semester : Total = 01)								
1.	AR-750	Infrastructure Planning	3	-	-	3	3	3
2.	AR-751	Developmental Impact Assessment	3	-	-	3	3	3
3.	AR-752	Earthquake Resistance buildings Design	3	-	-	3	3	3
4.	AR-753	Project Management	3	-	-	3	3	3
	Note:All the above courses are of 3 credits each							

Syllabus approved in the 16th Senate meeting held on 17-05-2012. The marks redistributed as per the decision taken in the 17th Senate meeting held on 27-08-12.

Table 3:
TEACHING SCHEME FOR M. ARCH. IN SUSTAINABLE ARCHITECTURE.

S. No.	Subject Code	Course Title	L	T	P/ D	Hours / week	Credits	Exam Duration (Hours)
1st Year			Semester – I					
1.	AR-600	Sustainable Architecture Theory & Principle.	3	0	0	3	3	3
2.	AR-601	Fundamentals of Ecology	3	0	0	3	3	3
3.	AR-602	Urban & Regional Planning	3	0	0	3	3	3
4.		Elective-I	3	0	0	3	3	3
5.		Elective-II	3	0	0	3	3	3
6.	AR-603	Design Studio-I	-	-	6	6	3	Comprehensive Viva Voce
		Sub Total			**18**			
			Semester – II					
1.	AR-604	Landscape Architecture	3	0	0	3	3	3
2.	AR-605	Urban Design	3	0	0	3	3	3
3.	AR-606	Energy Efficient Architecture	3	0	0	3	3	3
4.		Elective–III	3	0	0	3	3	3
5.		Open Elective–I	3	0	0	3	3	3
6.	AR-607	Design Studio-II	-	-	6	6	3	Comprehensive Viva Voce
		Sub Total			**18**			
2nd Year			**Semester – III**					
1.	AR-799	Self Study** Broad areas for the Special study to be selected by candidate OR Any other course/area approved by DPGC	-	-	-	3	2	3
2.	AR-800	Seminar*	-	-	-		2	Comprehensive Viva Voce
3	AR-801	Dissertation** (To be continued in IVth Sem)	-	-	-	24	12	Comprehensive Viva Voce
		Sub Total					**16**	
			Semester – IV					
1.	AR-801	Dissertation (Continued from IIIrd Semester)	-	-	-	40	**20**	Comprehensive Viva Voce
			Total		**70**			

* Seminar presentation-cum-report should be on a recent topic in various aspects of Sustainability in Architecture.

** The dissertation topic & Course contents of the Self Study course are to be approved by the DPGC. Candidate is required to submit a report and make presentation of the concerned course and any other additional requirement as decided by DPGC. The student will be assigned a faculty member for the dissertation. The final evaluation will be done by a committee constituted for this purpose in the various stages as decided in the DPGC.