

Master of Architecture (Sustainable Architecture)

Course Structure for
Two Year Post Graduate Degree Programme in Architecture

(As Approved by 6th Senate meeting held on 2nd August 2019
and approved by 28th BoG meeting held on 6th August 2019)

Effective from the Academic Year 2019-20 onwards



योजना तथा वास्तुकला विद्यालय, विजयवाडा
School of Planning and Architecture, Vijayawada
An Institute of National Importance, MHRD, Govt. of INDIA.



FIRST SEMESTER

SL. NO.	SUBJECT CODE	SUBJECT TITLE	Distribution of Periods per week			Total Periods Per Week	CREDITS
			L	T	S/P		
1	MSAR111	Design Studio I (Simple Passive Strategies)	3	-	12	15	15
2	MSAR112	Building Physics and Sustainability	2	1	-	3	3
3	MSAR113	Appropriate Material and Construction Technique	2	1	-	3	3
4	MSAR114	Daylight and Lighting Design	1	-	2	3	3
5	MSAR115	Environmental Codes and Energy Ratings	2	1	-	3	3
6	MSAR116	Resource Conservation and Efficiency	2	1	-	3	3
TOTAL			12	4	14	30	30

SECOND SEMESTER

SL. NO.	SUBJECT CODE	SUBJECT TITLE	Distribution of Periods per week			Total Periods Per Week	CREDITS
			L	T	S/P		
1	MSAR121	Design Studio II (Advance Passive Strategies)	3	-	12	15	15
2	MSAR122	Solar Passive Design	2	1	-	3	3
3	MSAR123	Smart Materials for Green Buildings	2	1	-	3	3
4	MSAR124	HVAC & IAQ	1	-	2	3	3
5	MSAR125	Research Methodology	2	1	-	3	3
6		Elective I	2	1	-	3	3
	MBEM1211	Waste Management (MBEM)					
	MSAR1210	Eco Cities					
	MSAR1250	Open Elective					
TOTAL			12	4	14	30	30

THIRD SEMESTER

SL. NO.	SUBJECT CODE	SUBJECT TITLE	Distribution of Periods per week			Total Periods Per Week	CREDITS
			L	T	S/P		
1	MSAR211	Design Studio III (Whole Building Simulation and Evaluation)	3	-	12	15	15
2	MSAR212	People, Environment and Buildings	2	1	-	3	3
3	MSAR213	Eco sensitive accessories and Green materials	2	1	-	3	3
4	MSAR214	Dissertation	-	-	3	3	3
5	MSAR215	Traditional Wisdom and Sustainability Concepts	2	1	-	3	3
6		Elective II	2	1	-	3	3
	MBEM212	BIM Based Construction Management (MBEM)					
	MLAR213	Energy Efficient Landscape (MLAR)					
	MSAR2150	Open Elective					
TOTAL			11	4	15	30	30

FOURTH SEMESTER

SL. NO.	SUBJECT CODE	SUBJECT TITLE	Distribution of Periods per week			Total Periods Per Week	CREDITS
			L	T	S/P		
1	MSAR221	Thesis	3	-	21	24	24
2	MSAR222	Project Management	2	1	-	3	3
3		Elective III	1	-	2	3	3
	MSAR2210	Energy Audit and EIA					
	MSAR2211	Post Occupancy Evaluation of Buildings					
	MSAR2250	Open Elective					
TOTAL			6	1	23	30	30




