

# Course Structure

## M. Arch (Sustainable Architecture) 2018-19

### FIRST SEMESTER

S. No.	Code	Subject Title	Distribution of Marks				Distribution of Periods per week				Credits
			IA	EE	EJ	TM	L	S	T	TP	
1	10210101	PEOPLE, ENVIRONMENT AND BUILDINGS	50	50	-	100	2	-	-	2	2
2	10210102	CLIMATE AND BUILT FORM RESPONSES	50	50	-	100	2	-	-	2	2
3	10210103	TRADITIONAL WISDOM AND SUSTAINABILITY CONCEPTS	50	50	-	100	3	-	-	3	3
4	10210104	ENERGY AUDIT & ENVIRONMENTAL IMPACT ASSESSMENT	100	-	-	100	3	-	-	3	4
5	10210105	ENVIRONMENTAL CODES AND ENERGY RATINGS	50	50	-	100	2	-	-	2	2
6	10210106	SUSTAINABLE BUILT ENVIRONMENT, ISSUES & APPROACHES (SEMINAR)	100	-	-	100	4	-	-	4	5
7	10210107	DESIGN STUDIO - I	150	-	150	300	-	6	-	6	9
8	10210108	ELECTIVE - I	100	-	-	100	3	-	-	3	3
<b>TOTAL</b>			<b>650</b>	<b>200</b>	<b>150</b>	<b>1000</b>	<b>19</b>	<b>6</b>	<b>-</b>	<b>25</b>	<b>30</b>

ELECTIVES I: Energy Efficient Landscape Design, Post Occupancy Evaluation of Buildings etc.

<b>Cat</b>	Subject Category	<b>EE</b>	End Examination	<b>EJ</b>	External Jury	<b>TM</b>	Total Marks
<b>IA</b>	Internal Assessment	<b>S</b>	Studio/Lab/Practicals/Workshop Periods	<b>T</b>	Tutorial Periods	<b>TP</b>	Total Periods



**SECOND SEMESTER**

S. No.	Code	Subject Title	Distribution of Marks				Distribution of Periods per week				Credits
			IA	EE	EJ	TM	L	S	T	TP	
1	10210201	WASTE MANAGEMENT	50	50	-	100	2	-	-	2	2
2	10210202	WATER AND BUILT FORMS	50	50	-	100	2	-	-	2	3
3	10210203	LAND AND VEGETATION	50	50	-	100	2	-	-	2	2
4	10210204	SOLAR PASSIVE DESIGN (CONCEPTS, STRATEGIES & SERVICES)	100	-	-	100	3	-	-	3	3
5	10210205	ALTERNATIVE MATERIALS & TECHNOLOGIES	50	50	-	100	3	-	-	3	3
6	10210206	DAY LIGHTING + SEMINAR	100	-	-	100	4	-	-	4	5
7	10210207	DESIGN STUDIO - II (ENVELOPE DESIGN)	150	-	150	300	-	6	-	6	9
8	10210208	ELECTIVE – II	100	-	-	100	3	-	-	3	3
<b>TOTAL</b>			<b>650</b>	<b>200</b>	<b>150</b>	<b>1000</b>	<b>19</b>	<b>6</b>	<b>-</b>	<b>25</b>	<b>30</b>

ELECTIVE II: Healthy Buildings, Environment and Behaviour etc.

\* Summer Training for a period of ONE Month to be evaluated in III Semester.

Cat	Subject Category	EE	End Examination	EJ	External Jury	TM	Total Marks
IA	Internal Assessment	S	Studio/Lab/Practicals/Workshop Periods	T	Tutorial Periods	TP	Total Periods

**THIRD SEMESTER**

S. No.	Code	Subject Title	Distribution of Marks				Distribution of Periods per week				Credits
			IA	EE	EJ	TM	L	S	T	TP	
1	10210301	LIGHTING DESIGN	50	50	-	100	2	-	-	2	2
2	10210302	INTELLIGENT BUILDINGS	50	50	-	100	3	-	-	3	3
3	10210303	SOLAR ACTIVE DESIGN (CONCEPTS, STRATEGIES & SERVICES)	100	-	-	100	3	-	-	3	4
4	10210304	HVAC & IAQ DESIGN DIRECTIONS	50	50	-	100	3	-	-	3	3
5	10210305	ECO CITIES	50	-	-	50	2	-	-	2	2
6	10210306	SIMULATION STRATEGIES – STUDIO & LAB	150	-	150	300	-	6	-	6	9
7	10210307	ECO SENSITIVE ACCESSORIES & GREEN PRODUCTS	100	-	-	100	2	-	-	2	2
8	10210308	ELECTIVE – III	100	-	-	100	3	-	-	3	3
*		SUMMER TRAINING	50	-	-	50	-	-	-	-	2
<b>TOTAL</b>			<b>700</b>	<b>150</b>	<b>150</b>	<b>1000</b>	<b>18</b>	<b>6</b>	<b>-</b>	<b>24</b>	<b>30</b>

ELECTIVE III. Open Ended

\* Summer Training undertaken for a period of ONE Month at the end of II Semester.

\*\* Project work for a period of TWO weeks to be evaluated in IV Semester.

<b>Cat</b>	Subject Category	<b>EE</b>	End Examination	<b>EJ</b>	External Jury	<b>TM</b>	Total Marks
<b>IA</b>	Internal Assessment	<b>S</b>	Studio/Lab/Practicals/Workshop Periods	<b>T</b>	Tutorial Periods	<b>TP</b>	Total Periods

Handwritten signatures in blue ink, including the name 'Vijay J. Anand'.

**FOURTH SEMESTER**

S. No.	Code	Subject Title	Distribution of Marks				Distribution of Periods per week				Credits
			IA	EE	EJ	TM	L	S	T	TP	
1	10210401	THESIS	450	-	450	900	6	12	-	18	26
2	10210402	PROJECT FINANCE & MANAGEMENT	50	-	-	50	2	-	-	2	2
**		PROJECT WORK	50	-	-	50	-	-	-	-	2
<b>TOTAL</b>			<b>550</b>	<b>-</b>	<b>450</b>	<b>1000</b>	<b>8</b>	<b>12</b>	<b>-</b>	<b>20</b>	<b>30</b>

\*\* Project work undertaken for a period of TWO weeks at the end of III Semester.

Cat	Subject Category	EE	End Examination	EJ	External Jury	TM	Total Marks
IA	Internal Assessment	S	Studio/Lab/Practicals/Workshop Periods	T	Tutorial Periods	TP	Total Periods
L	Lecture Periods						