

**VINAYAKA MISSIONS RESEARCH FOUNDATION,
SALEM**

FACULTY OF ARCHITECTURE

REGULATION – 2017

CURRICULUM

**Vinayaka Missions Research Foundation
School of Architecture and Planning, Chennai**

REGULATION 2017

B.Arch – Choice Based Credit System – CURRICULUM

Name of the Board: ARCHITECTURE

SEMESTER I							
Course Code	Name of the Course	Category	Offering Department	L	T	S	C
THEORY COURSES							
17AR110	HISTORY OF ARCHITECTURE - I	CFC	Architecture	2	1	0	3
17AR120	THEORY OF ARCHITECTURE	CFC	Architecture	2	1	0	3
17AR130	MATHEMATICS	CFC - ES	Mathematics	2	1	0	3
17AR140	COMMUNICATION SKILLS	CFC - IFC	English	2	1	0	3
THEORY CUM STUDIO COURSES							
17AR150	BUILDING MATERIALS AND CONSTRUCTION TECHNOLOGY - I	CFC -	Architecture	1	0	3	4
17AR160	ARCHITECTURAL GRAPHICS - I	CFC	Architecture	1	0	3	4
17AR170	ART STUDIO	CFC	Architecture	1	0	3	4
STUDIO COURSES							
17AR180	BASIC ARCHITECTURAL DESIGN - I	PCC	Architecture	0	0	6	6
TOTAL CREDITS : 30							

SEMESTER II							
Course Code	Name of the Course	Category	Offering Department	L	T	S	C
THEORY COURSES							
17AR210	HISTORY OF ARCHITECTURE - II	CFC	Architecture	2	1	0	3
17AR220	CLIMATOLOGY	CFC	Architecture	2	1	0	3
17AR230	MECHANICS OF STRUCTURES - I	CFC - ES	Civil	2	1	0	3
17AR240	ENVIRONMENTAL SCIENCE	CFC - ES	Architecture	2	1	0	3
THEORY CUM STUDIO COURSES							
17AR250	BUILDING MATERIALS AND CONSTRUCTION TECHNOLOGY - II	CFC	Architecture	1	0	3	4
17AR260	ARCHITECTURAL GRAPHICS - I	CFC	Architecture	1	0	3	4
17AR270	MODEL MAKING	CFC	Architecture	0	0	4	4
STUDIO COURSES							
17AR280	BASIC ARCHITECTURAL DESIGN - II	PCC	Architecture	0	0	6	6
TOTAL CREDITS: 30							

SEMESTER III						
Course Code	Name of the Course	Category	L	T	S	C
THEORY COURSES						
17AR310	HISTORY OF ARCHITECTURE - III	CFC - Architecture	2	1	0	3
17AR320	THEORY OF DESIGN	PC	2	1	0	3
17AR330	MECHANICS OF STRUCTURES – II	CFC - ES	2	1	0	3
THEORY CUM STUDIO COURSES						
17AR350	BUILDING MATERIALS AND CONSTRUCTION TECHNOLOGY - III	CFC - Architecture	1	0	3	4
17AR360	COMPUTER APPLICATION IN ARCHITECTURE - I	CFC - Architecture	1	0	3	4
17AR370	SITE SURVEYING AND PLANNING	CFC - ES	2	0	2	4
STUDIO COURSES						
17AR380	ARCHITECTURAL DESIGN - I	PCC	0	0	9	6
TOTAL CREDITS: 27						

SEMESTER IV						
Course Code	Name of the Course	Category	L	T	S	C
THEORY COURSES						
17AR410	CONTEMPORARY ARCHITECTURE	CFC - Architecture	2	0	0	2
17AR420	BUILDING SERVICES - I	CFC - ES	2	1	0	3
17AR430	DESIGN OF STRUCTURES – II	CFC - ES	2	1	0	3
	ELECTIVE - I	EL	2	0	0	2
THEORY CUM STUDIO COURSES						
17AR450	BUILDING MATERIALS AND CONSTRUCTION TECHNOLOGY - IV	CFC - Architecture	1	0	3	4
17AR460	COMPUTER APPLICATION IN ARCHITECTURE - II	CFC - Architecture	1	0	3	4
STUDIO COURSES						
17AR480	ARCHITECTURAL DESIGN - II	PCC	0	0	12	8
TOTAL CREDITS: 26						

SEMESTER V						
Course Code	Name of the Course	Category	L	T	S	C
THEORY COURSES						
17AR510	LANDSCAPE DESIGN	CFC - ES	2	1	0	3
17AR520	BUILDING SERVICES - II	CFC - ES	2	1	0	3
17AR530	DESIGN OF STRUCTURES – II	CFC - ES	2	1	0	3
	ELECTIVE - II	EL	2	0	0	2
THEORY CUM STUDIO COURSES						
17AR550	BUILDING MATERIALS AND CONSTRUCTION TECHNOLOGY - V	CFC - Architecture	1	0	3	4
17AR560	WORKING DRAWING - I	CFC - Architecture	1	0	3	4
STUDIO COURSES						
17AR580	ARCHITECTURAL DESIGN - III	PCC	0	0	12	8
TOTAL CREDITS: 27						

SEMESTER VI						
Course Code	Name of the Course	Category	L	T	S	C
THEORY COURSES						
17AR610	BUILDING ACOUSTICS	CFC - Architecture	2	1	0	3
17AR620	BUILDING SERVICES - III	PC	2	1	0	3
17AR630	DESIGN OF STRUCTURES – III	CFC - ES	2	1	0	3
	ELECTIVE - III	EL	2	0	0	2
THEORY CUM STUDIO COURSES						
17AR650	WORKING DRAWING - II	CFC - Architecture	1	0	3	4
STUDIO COURSES						
17AR680	ARCHITECTURAL DESIGN - IV	PCC	0	0	12	10
TOTAL CREDITS: 25						

SEMESTER VII						
Course Code	Name of the Course	Category	L	T	S	C
THEORY COURSES						
17AR710	ESTIMATION, QUANTITY SURVEYING AND SPECIFICATION	CFC - Architecture	2	1	0	3
17AR720	URBAN DESIGN	CFC - ES	2	1	0	3
17AR730	HUMAN SETTLEMENTS PLANNING	CFC - ES	2	1	0	3
	ELECTIVE - IV	EL	2	0	0	2
THEORY CUM STUDIO COURSES						
17AR750	ADVANCED COMPUTER APPLICATIONS IN ARCHITECTURE	CFC - Architecture	1	0	3	4
STUDIO COURSES						
17AR780	ARCHITECTURAL DESIGN - V	PCC	0	0	14	10
						TOTAL CREDITS: 25

SEMESTER VIII						
Course Code	Name of the Course	Category	L	T	S	C
17AR810	DISSERTATION	PCC	0	0	0	5
17AR820	PRACTICAL TRAINING	PCC	0	0	0	15
						TOTAL CREDITS: 20

SEMESTER IX						
Course Code	Name of the Course	Category	L	T	S	C
THEORY COURSES						
17AR910	PROFESSIONAL PRACTICE	CFC - Architecture	2	1	0	3
17AR920	URBAN HOUSING	CFC - Architecture	2	1	0	3
	ELECTIVE – V	EL	2	1	0	3
	ELECTIVE - VI	EL	2	0	0	2
THEORY CUM STUDIO COURSES						
17AR950	BUILDING INFORMATION MODELLING	CFC - Architecture	1	0	3	4
STUDIO COURSES						
17AR980	ARCHITECTURAL DESIGN - VI	PCC	0	0	16	11
TOTAL CREDITS: 26						

SEMESTER X						
Course Code	Name of the Course	Category	L	T	S	C
	ELECTIVE - VII	EL	2	1	0	3
	ELECTIVE - VIII	EL	2	1	0	3
17AR080	ARCHITECTURAL THESIS	PCC	0	0	23	17
TOTAL CREDITS: 23						

<u>ELECTIVE - 1 (4TH SEMESTER)</u>						
Course Code	Name of the Course	Category	L	T	S	C
17ARE101	THEORY OF DESIGN	PE	2	0	0	2
17ARE102	ERGONOMICS	PE	2	0	0	2
17ARE103	ART APPRECIATION	PE	2	0	0	2
TOTAL CREDITS:						2

<u>ELECTIVE - 2 (5TH SEMESTER)</u>						
Course Code	Name of the Course	Category	L	T	S	C
17ARE201	CONCEPTS AND APPROACH IN DESIGN	PE	2	0	0	2
17ARE202	VERNACULAR ARCHITECTURE	PE	2	0	0	2
17ARE203	ENERGY EFFICIENT ARCHITECTURE	PE	2	0	0	2
TOTAL CREDITS:						2

<u>ELECTIVE - 3 (6TH SEMESTER)</u>						
Course Code	Name of the Course	Category	L	T	S	C
17ARE301	GLASS AND STEEL IN ARCHITECTURE AND DESIGN	PE	2	0	0	2
17ARE02	BIOMIMETICS	PE	2	0	0	2
17ARE03	LATERAL THINKING TECHNIQUES	PE	2	0	0	2
TOTAL CREDITS:						2

<u>ELECTIVE - 4 (7TH SEMESTER)</u>						
Course Code	Name of the Course	Category	L	T	S	C
17ARE401	CONTEMPORARY PROCESS IN ARCHITECTURAL DESIGN	PE	2	0	0	2
17ARE402	CONTEMPORARY BUILDING MATERIALS	PE	2	0	0	2
17ARE403	SERVICES IN HIGH RISE BUILDINGS	PE	2	0	0	2
TOTAL CREDITS:						2

<u>ELECTIVE - 5 (9TH SEMESTER)</u>						
Course Code	Name of the Course	Category	L	T	S	C
17ARE501	REAL ESTATE AND VALUATION	PE	2	1	0	3
17ARE502	ADVANCED STRUCTURES	PE	2	1	0	3
17ARE503	SUSTAINABLE ARCHITECTURE AND PLANNING	PE	2	1	0	3
TOTAL CREDITS:						3

<u>ELECTIVE - 6 (9TH SEMESTER)</u>						
Course Code	Name of the Course	Category	L	T	S	C
17ARE601	ARCHITECTURAL CONSERVATION	PE	2	0	0	2
17ARE602	ARCHITECTURAL JOURNALISM AND PHOTOGRAPHY	PE	2	0	0	2
17ARE603	DISASTER MANAGEMENT	PE	2	0	0	2
TOTAL CREDITS:						2

<u>ELECTIVE - 7 (10TH SEMESTER)</u>						
Course Code	Name of the Course	Category	L	T	S	C
17ARE701	CONSTRUCTION AND PROJECT MANAGEMENT	PE	2	1	0	3
17ARE702	EARTHQUAKE RESISTANT ARCHITECTURE	PE	2	1	0	3
17ARE703	ADVANCED LANDSCAPE DESIGN	PE	2	1	0	3
TOTAL CREDITS:						3

<u>ELECTIVE - 8 (10TH SEMESTER)</u>						
Course Code	Name of the Course	Category	L	T	S	C
17ARE801	ENVIRONMENTAL IMPACT ASSESSMENT	PE	2	1	0	3
17ARE802	BUILDING ECONOMICS	PE	2	1	0	3
17ARE803	ARCHITECTURE AND URBANISM IN ASIA	PE	2	1	0	3
TOTAL CREDITS:						3