



ADHIYAMAAN COLLEGE OF ENGINEERING

[An Autonomous Institution Affiliated to Anna University, Chennai]

[Accredited by NAAC]

Dr. M. G. R Nagar, HOSUR, KRISHNAGIRI (DT) – 635 130, TAMILNADU, INDIA

REGULATIONS 2018 CHOICE BASED CREDIT SYSTEM

B. ARCH - ARCHITECTURE

VISION

To nurture and equip young minds, who aspire to create a sustainable built environment that responds to climate, context and the changing needs of the society.

MISSION

Empowering individuals through a holistic and interdisciplinary approach to education thereby creating a social conscience, environmental sensibility and a sense of professional responsibility.

The Programme defines Programme Educational Objectives, Programme Outcomes and Programme Specific Outcomes as follows:

I. PROGRAM EDUCATIONAL OUTCOMES (PEOs)

- PEO 1** Perform standard competencies in accordance with the scope of the global and local practice of architecture.
- PEO 2** Instill understanding of the basic philosophy and fundamental principles of the multidimensional aspects of architecture, and the direct relationship between man and his environment.
- PEO 3** Show traits of professionalism, sense of responsibility, equality and patriotism.
- PEO 4** Receptiveness to new ideas and knowledge through scientific research.
- PEO 5** Direct and focus the thrust of architecture education to the needs and demands of society and its integration into the social, economic, cultural and environmental aspects of nation building.

II. PROGRAM OUTCOMES (POs)

- PO 1** Understanding concepts, theories and fundamentals that form the primary knowledge base of the architectural profession.
- PO 2** Creation of architectural solutions with analysis and design at all scales with innovative ideas and appropriate approach satisfying the current needs of the built environment.
- PO 3** Use of various graphical communication skills of architecture such as drawing, presentation techniques, and architectural drafting for solutions: both manual and computer aided.

- PO 4** Analyzing the existing situations and contribute to constructional aspects of building materials, model making, surveying, construction techniques and building services and structural design.
- PO 5** Understand through experiences with the current scenario of how architectural theory and design methodology leads to the solution of architectural design problems in a global society.
- PO 6** Understanding the structural concepts and behaviour of structural elements and relate the knowledge acquired to architectural design.
- PO 7** Acquisition of entrepreneurial and business acumen relevant to architecture practice enables the student ready through courses on professional practice, urban economics, estimation and surveying and an opportunity to learn through apprenticeship.
- PO 8** Understanding of various historical context with sensitivity of cultural, social aspects of architecture and as well as make meaningful and contextual design decisions.
- PO 9** Ability to think, plan and prepare solutions for an architectural project and design assessment criteria.
- PO 10** Understanding of the principles of sustainability, climatology, heritages sites in making architecture and urban design decisions that conserve natural and built resources and in the creation of sustainable buildings and communities.
- PO 11** Engage in the process of design and building in the discourse of social, ethical, and professional responsibility.
- PO 12** Acquisition of entrepreneurial and business acumen relevant to architecture practice and engage them to serve as a catalyst.

III. PROGRAM SPECIFIC OUTCOMES (PSOs)

- PSO 1** Design building forms that are based on foundational design principles and reflect the needs and desires of users, contexts, uses, and content.
- PSO 2** Understand key historical and contemporary concepts, people, artifacts, and tools and use them in the development of design work.
- PSO 3** Effectively communicate ideas orally, graphically, physically, and in writing throughout all stages of the design process.

IV. CORRELATION OF PEO'S WITH PO'S AND PSO'S

PEO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
1	3	1	2	2	2	1	3	2	1	3	3	1	3	2	
2	2	3	1			2		3		3			3	3	
3	2				1				3		2	3	3	3	
4	1	2			3			2	3	3			3	3	2
5		1		2	2		3	3		3	3	1	3	2	

3 – Strong, 2 – Medium, 1 – Low

V. CORRELATION OF CO'S WITH PO's AND PSO's

Sem	Course Code	Course Title	Category	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PSO 1	PSO 2	PSO 3
I	118ART01	Mathematics	BS	2	3	-	-	-	-	-	-	-	-	-	-	3	-	-
I	118ART02	History of Architecture I	HS	2	-	-	-	-	2	-	3	-	2	1	-	2	3	-
I	118ART03	Architectural Drawing I	ES	2	2	3	-	-	-	-	-	-	-	-	-	2	-	3
I	118ART04	Materials and Construction I	PC	2	3	3	3	3	3	2	1	3	3	3	2	1	3	1
I	118ARP05	Art Studio	PC	2	2	-	-	2	-	-	-	-	-	-	-	2	-	3
I	118ARP06	Basic Design	PC	1	3	3	2	3	2	-	1	3	-	-	-	3	1	3
I	118ARE01	Personality development	HE	2	-	-	-	-	-	-	-	-	-	2	2	-	-	3
I	118ARE02	Art appreciation	HE	2	-	-	-	2	-	-	-	-	-	-	-	-	-	3
I	118ARE03	Communication Skills	HE	2	-	-	-	-	-	-	-	-	-	2	2	-	-	3
I	118ARE04	Foreign Language	HE	2	-	-	-	-	-	-	-	-	-	2	2	-	-	3
II	218ART01	Mechanics of Structures I	ES	2	3	3	3	3	3	2	1	3	3	3	2	1	3	1
II	218ART02	Principles of Architecture	PC	3	-	-	-	2	-	-	-	3	-	1	-	3	1	1
II	218ART03	History of Architecture II	HS	2	-	-	-	-	2	-	3	-	2	1	-	2	3	-
II	218ART04	Architectural Drawing II	ES	2	2	3	-	-	-	-	-	-	-	-	-	2	-	3
II	218ART05	Materials and Construction II	PC	2	3	3	3	3	3	2	1	3	3	3	2	1	3	1
II	218ARP06	Architectural Design Studio I	PC	1	3	3	2	3	2	-	2	3	3	3	3	3	2	3
II	218ARE01	Clay Modeling	WE	2	-	3	-	-	-	-	-	-	-	-	-	3	-	2
II	218ARE02	Presentation and Rendering techniques	WE	2	-	3	-	-	-	-	-	-	-	-	-	3	-	2
II	218ARE03	Model Making	WE	2	-	3	-	-	-	-	-	-	-	-	-	3	-	2
II	218ARE04	Creative Workshop	WE	2	-	3	-	-	-	-	-	-	-	-	-	3	-	2
III	318ART01	Mechanics of Structures II	ES	2	3	3	3	3	3	2	1	3	3	3	2	1	3	1
III	318ART02	History of Architecture III	HS	2	-	-	-	-	2	-	3	-	2	1	-	2	3	-
III	318ART03	Climate Responsive Architecture	PC	2	2	3	3	3	2	-	3	3	3	3	-	2	3	3
III	318ART04	Materials and Construction III	PC	2	3	3	3	3	3	2	1	3	3	3	2	1	3	1
III	318ARP06	Computer Aided Design Studio	SEC	2	2	3	-	2	3	-	-	3	-	-	3	2	3	3
III	318ARP07	Architectural Design II	PC	1	3	3	2	3	2	-	2	3	3	3	3	3	2	3
III	318ARE01	Behavioral studies in Built Environment	PE	2	1	-	3	-	2	-	3	-	2	1	-	2	3	-
III	318ARE02	Modular Construction Techniques	PE	2	3	3	3	3	3	2	1	3	3	3	2	1	3	1
III	318ARE03	Vernacular	PE	2	1	-	3	-	2	-	3	-	3	1	-	2	3	1

		Architecture of India																
III	318ARE04	Theory of Design	PE	3	1	-	3	1	2	2	3	3	3	1	-	2	3	1
IV	418ART01	Analysis & Design of Structures I	ES	2	3	3	3	3	3	2	1	3	3	3	2	1	3	1
IV	418ART02	Environmental Science and Services	BS	2	2	3	3	3	2	-	3	3	3	3	-	2	3	3
IV	418ART03	Site Planning & Analysis	PC	2	2	3	3	3	2	-	3	3	3	3	-	2	3	3
IV	418ART04	Materials and Construction IV	PC	2	3	3	3	3	3	2	1	3	3	3	2	1	3	1
IV	418ARPO5	Architectural Design III	PC	1	3	3	2	3	2	-	2	3	3	3	3	3	2	3
IV	418ARE01	Energy Efficient Architecture	PE	2	2	3	3	3	2	-	3	3	3	3	-	2	3	3
IV	418ARE02	Traditional Indian Architecture	PE	2	1	-	3	-	2	-	3	-	3	1	-	2	3	1
IV	418ARE03	Ergonomics in Building Design	PE	2	3	3	3	3	3	2	1	3	3	3	2	1	3	1
IV	418ARE04	Spatial Planning Strategies	PE	2	1	-	3	-	2	-	3	-	2	1	-	2	3	-
V	518ART01	Analysis & Design of Structures II	ES	2	3	3	3	3	3	2	1	3	3	3	2	1	3	1
V	518ART02	History of Modern Architecture	HS	2	-	-	-	-	2	-	3	-	2	1	-	2	3	-
V	518ART03	Materials and Construction V	PC	2	3	3	3	3	3	2	1	3	3	3	2	1	3	1
V	518ART04	Building Services I (Electrical and Acoustic)	ES	2	3	3	3	3	3	-	-	2	-	-	-	3	3	-
V	518ARPO5	Architectural Design IV	PC	1	3	3	2	3	2	-	2	3	3	3	3	3	2	3
V	518ARE01	Structure and Architecture	PE	2	3	3	3	3	3	2	1	3	3	3	2	3	3	3
V	518ARE02	Waste management and recycling	PE	2	2	3	3	3	2	-	3	3	3	3	-	2	3	3
V	518ARE03	Safety systems and building management	PE	2	3	3	3	3	3	-	-	2	-	-	-	3	3	-
V	518ARE04	Contemporary Building Materials	PE	2	3	3	3	3	3	2	1	3	3	3	2	1	3	1
VI	618ART01	Specification Estimation & Budgeting	ES	2	3	3	3	3	3	2	1	3	3	3	2	1	3	1
VI	618ART02	Interior Design Principles	PC	2	1	2	-	-	-	1	-	2	2	-	2	3	2	-
VI	618ART03	Building Services – II (Mechanical & HVAC)	ES	2	3	3	3	3	3	-	-	2	-	-	-	3	3	-
VI	618ART04	Materials and Construction VI	PC	2	3	3	3	3	3	2	1	3	3	3	2	1	3	1
VI	618ARPO5	Architectural	PC	1	3	3	2	3	2	-	2	3	3	3	3	3	2	3

		Design V																
VI	618CEO01	Valuation and Real Properties	OE	2	3	3	3	3	3	2	1	3	3	3	2	1	3	1
VI	618ARE01	Digital Art	WE	2	2	3	1	3	3	1	2	3	1	2	2	1	2	3
VI	618ARE02	Product Design	WE	2	3	3	3	3	3	2	1	3	3	3	2	1	3	1
VI	618ARE03	BIM	WE	2	2	3	-	2	3	-	-	3	-	-	3	2	3	3
VII	718ART01	Landscape Architecture & Design	PC	2	3	3	-	-	-	3	3	3	3	2	2	3	3	3
VII	718ART02	Human Settlement Planning	PC	2	3	1	3	3	2	2	3	3	3	3	3	2	3	3
VII	718ARP03	Architectural Working Drawing & detailing	PAECC	2	3	3	3	3	3	2	1	3	3	3	2	1	3	1
VII	718ARP04	Architectural Design VI	PC	1	3	3	2	3	2	-	2	3	3	3	3	3	2	3
VII	718CEO01	Construction Management	OE	2	3	-	-	1	2	-	2	1	-	-	-	2	2	1
VII	718ARE01	Sustainable Planning and Architecture	PE	2	2	3	3	3	2	-	3	3	3	3	-	2	3	3
VII	718ARE02	Architectural Acoustics	PE	2	3	3	3	3	3	-	-	2	-	-	-	3	3	-
VII	718ARE03	Contemporary Process in Architecture	PE	2	-	-	-	3	2	-	3	2	1	-	-	2	3	1
VII	718ARE04	Services in High Rise buildings	PE	1	1	-	3	-	3	2	-	-	-	-	-	3	2	1
VIII	818ART01	Urban Design	PC	2	3	1	3	3	2	2	3	3	3	3	3	2	3	3
VIII	818ART02	Professional Practice & Ethics	PC	1	-	-	-	2	-	3	-	-	-	3	3	-	2	2
VIII	818ARP03	Dissertation	PAECC	1	3	3	2	3	2	-	2	3	3	3	3	3	2	3
VIII	818ARP04	Architectural Design VII	PC	1	3	3	2	3	2	-	2	3	3	3	3	3	2	3
VIII	818ARE01	Architectural Conservation	PE	2	2	3	3	3	2	-	3	3	3	3	-	2	3	3
VIII	818ARE02	Industrial Architecture	PE	1	1	-	3	-	3	2	-	-	-	-	-	3	2	1
VIII	818ARE03	Project Management	PE	2	3	-	-	1	2	-	2	1	-	-	-	2	2	1
VIII	818ARE04	Disaster Mitigation & Management	PE	2	2	3	3	3	2	-	3	3	3	3	-	2	3	3
VIII	818ARE05	Urban and Regional Planning	PE	2	3	1	3	3	2	2	3	3	3	3	3	2	3	3
VIII	818ARE06	Contemporary Housing	PE	2	3	3	3	3	3	2	3	3	3	3	2	1	3	1
VIII	818ARE07	Steel in Architecture Design	PE	2	3	3	3	3	3	2	1	3	3	3	2	1	3	1
VIII	818ARE08	Environmental Planning and Design	PE	2	2	3	3	3	2	-	3	3	3	3	-	2	3	3
IX	918ARP01	Internship Program	PAECC	3	3	3	2	3	3	3	2	3	3	3	3	3	2	3
X	1018ARP01	Thesis	EEC	3	3	3	2	3	3	3	2	3	3	3	3	3	2	3

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 CHOICE BASED CREDIT SYSTEM
 B. ARCH – ARCHITECTURE
CURRICULA AND SYLLABI FOR SEMESTER I TO X

SEMESTER I

S. NO	COURSE CODE	COURSE TITLE	CATEGORY	PERIODS PER WEEK			TOTAL CONTACT PERIODS	CREDITS
				L	T	P		
THEORY								
1.	118ART01	Mathematics	BS	2	2	0	4	3
2.	118ART02	History of Architecture I	HS	3	0	0	3	3
3.		Humanities Elective	HE	1	2	0	3	2
THEORY CUM STUDIO								
4.	118ART03	Architectural Drawing I	ES	1	0	4	5	3
5.	118ART04	Materials and Construction I	PC	1	0	4	5	3
STUDIO								
6.	118ARP05	Art Studio	PC	1	0	4	5	3
7.	118ARP06	Basic Design	PC	0	0	10	10	5
TOTAL				9	4	22	35	22

SEMESTER II

S. NO	COURSE CODE	COURSE TITLE	CATEGORY	PERIODS PER WEEK			TOTAL CONTACT PERIODS	CREDITS
				L	T	P		
THEORY								
1.	218ART01	Mechanics of Structures - I	ES	2	2	0	4	3
2.	218ART02	Principles of Architecture	PC	3	0	0	3	3
3.	218ART03	History of Architecture-II	HS	3	0	0	3	3
THEORY CUM STUDIO								
4.	218ART04	Architectural Drawing - II	ES	1	0	4	5	3
5.	218ART05	Materials and Construction - II	PC	1	0	4	5	3
STUDIO								
6.	218ARP06	Architectural Design Studio - I	PC	0	0	10	10	5
7.		Workshop Elective - I	WE	1	0	4	5	3
TOTAL				11	2	22	35	23

SEMESTER III

S. NO	COURSE CODE	COURSE TITLE	CATEGORY	PERIODS PER WEEK			TOTAL CONTACT PERIODS	CREDITS
				L	T	P		
THEORY								
1.	318ART01	Mechanics of Structures – II	ES	2	1	0	3	3
2.	318ART02	History of Architecture - III	HS	3	0	0	3	3
3.	318ART03	Climate Responsive Architecture	PC	2	1	0	3	3
4.		Professional Elective I	PE	3	0	0	3	3
THEORY CUM STUDIO								
5.	318ART04	Materials and Construction – III	PC	1	0	4	5	3
STUDIO								
6.	318ARP06	Computer Aided Design Studio	SEC	0	1	4	6	3
7.	318ARP07	Design Studio - II	PC	0	0	10	12	5
TOTAL				11	3	18	35	23

SEMESTER IV

S. NO	COURSE CODE	COURSE TITLE	CATEGORY	PERIODS PER WEEK			TOTAL CONTACT PERIODS	CREDITS
				L	T	P		
THEORY								
1.	418ART01	Analysis & Design of Structures – I	ES	2	2	0	3	3
2.	418ART02	Environmental Science and Services	BS	3	0	0	3	3
3.		Professional Elective II	PE	3	0	0	3	3
THEORY CUM STUDIO								
5.	418ART03	Site Planning & Analysis	PC	2	0	2	5	3
6.	418ART04	Materials and Construction – IV	PC	1	0	4	5	3
STUDIO								
7.	418ARP05	Architectural Design - III	PC	0	0	16	16	8
TOTAL				11	2	22	35	23

SEMESTER V

S. NO	COURSE CODE	COURSE TITLE	CATEGORY	PERIODS PER WEEK			TOTAL CONTACT PERIODS	CREDITS
				L	T	P		
THEORY								
1.	518ART01	Analysis and Design of Structures - II	ES	2	2	0	3	3
2.	518ART02	History of Modern	HS	3	0	0	3	3

		Architecture						
3.		Professional Elective - III	PE	3	0	0	3	3
THEORY CUM STUDIO								
4.	518ART03	Materials and Construction - V	PC	1	2	2	5	3
5.	518ART04	Building Services I (Electrical and Acoustic)	ES	2	0	2	4	3
STUDIO								
6.	518ARPO5	Architectural Design - IV	PC	0	0	16	16	8
TOTAL				11	4	20	35	23

SEMESTER VI

S. NO	COURSE CODE	COURSE TITLE	CATEGORY	PERIODS PER WEEK			TOTAL CONTACT PERIODS	CREDITS
				L	T	P		
THEORY								
1.	618ART01	Specification Estimation & Budgeting	ES	2	1	0	3	3
2.		Open Elective I	OE	3	0	0	3	3
THEORY CUM STUDIO								
5.	618ART02	Interior Design Principles	PC	2	0	2	4	3
6.	618ART03	Materials and Construction - VI	ES	1	0	4	5	3
7.	618ART04	Building Services – II (Mechanical & HVAC)	PC	1	0	2	3	3
STUDIO								
8.	618ARPO5	Architectural Design - V	PC	0	0	12	12	6
		Workshop Elective II	WE	1	0	4	5	3
TOTAL				10	1	24	35	24

SEMESTER VII

S. NO	COURSE CODE	COURSE TITLE	CATEGORY	PERIODS PER WEEK			TOTAL CONTACT PERIODS	CREDITS
				L	T	P		
THEORY								
1.	718ART01	Landscape Architecture & Design	PC	2	0	2	4	3
2.	718ART02	Human Settlement Planning	PC	3	0	0	3	3
3.		Professional Elective - IV	PE	3	0	0	3	3
4.		Open Elective - II	OE	3	0	0	3	3
STUDIO								
5.	718ARPO3	Architectural Working Drawing & detailing	PAECC	0	2	4	6	3
6.	718ARPO4	Architectural Design - VI	PC	0	0	14	16	7

TOTAL	11	2	20	35	22
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SEMESTER VIII

S. NO	COURSE CODE	COURSE TITLE	CATEGORY	PERIODS PER WEEK			TOTAL CONTACT PERIODS	CREDITS
				L	T	P		
THEORY								
1.	818ART01	Urban Design	PC	3	0	0	3	3
2.	818ART02	Professional Practice & Ethics	PC	3	0	0	3	3
3.		Professional Elective - V	PE	3	0	0	3	3
4.		Professional Elective - VI	PE	3	0	0	3	3
STUDIO								
5.	818ARP03	Dissertation	PAECC	0	0	8	8	4
6.	818ARP04	Architectural Design - VII	PC	0	0	12	15	6
TOTAL				12	0	20	35	22

SEMESTER IX

S. NO	COURSE CODE	COURSE TITLE	CATEGORY	PERIODS PER WEEK			TOTAL CONTACT PERIODS	CREDITS
				L	T	P		
1.	918ARP01	Internship Program	PAECC	0	0	0	-	12
TOTAL				0	0	12	-	12

SEMESTER X

S. NO	COURSE CODE	COURSE TITLE	CATEGORY	PERIODS PER WEEK			TOTAL CONTACT PERIODS	CREDITS
				L	T	P		
1.	1018ARP01	Thesis	EEC	0	0	36	36	16
TOTAL				0	0	36	36	16

PROFESSIONAL ELECTIVES (PE)

S. NO	COURSE CODE	COURSE TITLE	CATEGORY	PERIODS PER WEEK			TOTAL CONTACT PERIODS	CREDITS
				L	T	P		
PROFESSIONAL ELECTIVE - I								
1.	318ARE01	Behavioral studies in Built Environment	PE	3	0	0	3	3
2.	318ARE02	Modular Construction Techniques	PE	3	0	0	3	3
3.	318ARE03	Vernacular Architecture of India	PE	3	0	0	3	3
4.	318ARE04	Theory of Design	PE	3	0	0	3	3
PROFESSIONAL ELECTIVE - II								
5.	418ARE01	Energy Efficient Architecture	PE	3	0	0	3	3
6.	418ARE02	Traditional Indian Architecture	PE	3	0	0	3	3
7.	418ARE03	Ergonomics in Building Design	PE	3	0	0	3	3
8.	418ARE04	Spatial Planning Strategies	PE	3	0	0	3	3
PROFESSIONAL ELECTIVE - III								
9.	518ARE01	Structure and Architecture	PE	3	0	0	3	3
10.	518ARE02	Waste management and recycling	PE	3	0	0	3	3
11.	518ARE03	Safety systems and building management	PE	3	0	0	3	3
12.	518ARE04	Contemporary Building Materials	PE	3	0	0	3	3
PROFESSIONAL ELECTIVE - IV								
13.	718ARE01	Sustainable Planning and Architecture	PE	3	0	0	3	3
14.	718ARE02	Architectural Acoustics	PE	3	0	0	3	3
15.	718ARE03	Contemporary Process in Architecture	PE	3	0	0	3	3
16.	718ARE04	Services in High Rise buildings	PE	3	0	0	3	3
PROFESSIONAL ELECTIVE - V								
17.	818ARE01	Architectural Conservation	PE	3	0	0	3	3
18.	818ARE02	Industrial Architecture	PE	3	0	0	3	3
19.	818ARE03	Project Management	PE	3	0	0	3	3
20.	818ARE04	Disaster Mitigation & Management	PE	3	0	0	3	3
PROFESSIONAL ELECTIVE - VI								
21.	818ARE05	Urban and Regional Planning	PE	3	0	0	3	3
22.	818ARE06	Contemporary Housing	PE	3	0	0	3	3
23.	818ARE07	Steel in Architecture Design	PE	3	0	0	3	3
24.	818ARE08	Environmental Planning and Design	PE	3	0	0	3	3

OPEN ELECTIVES (OE)

S. NO	COURSE CODE	COURSE TITLE	CATEGORY	PERIODS PER WEEK			TOTAL CONTACT PERIODS	CREDITS
				L	T	P		
1.	618CE001	Valuation and Real Properties	OE	3	0	0	3	2
2.	718CE001	Construction Management	OE	3	0	0	3	3

HUMAN ELECTIVES (HE)

S. NO	COURSE CODE	COURSE TITLE	CATEGORY	PERIODS PER WEEK			TOTAL CONTACT PERIODS	CREDITS
				L	T	P		
1.	118ARE01	Personality development	HE	1	2	0	3	2
2.	118ARE02	Art appreciation	HE	1	2	0	3	2
3.	118ARE03	Communication Skills	HE	1	2	0	3	2
4.	118ARE04	Foreign Language	HE	1	2	0	3	2

WORKSHOP ELECTIVES (WE)

S. NO	COURSE CODE	COURSE TITLE	CATEGORY	PERIODS PER WEEK			TOTAL CONTACT PERIODS	CREDITS
				L	T	P		
WORKSHOP ELECTIVE - I								
1.	218ARE01	Clay Modeling	WE	3	0	0	3	3
2.	218ARE02	Presentation and Rendering techniques	WE	3	0	0	3	3
3.	218ARE03	Model Making	WE	3	0	0	3	3
4.	218ARE04	Creative Workshop	WE	3	0	0	3	3
WORKSHOP ELECTIVE - II								
5.	618ARE01	Digital Art	WE	1	0	4	3	3
6.	618ARE02	Product Design	WE	1	0	4	3	3
7.	618ARE03	BIM	WE	3	0	0	3	3

SKILL ENHANCEMENT COURSE (SEC)

S. NO	COURSE CODE	COURSE TITLE	CATEGORY	PERIODS PER WEEK			TOTAL CONTACT PERIODS	CREDITS
				L	T	P		
1.	318ARP06	Computer Aided Design Studio	SEC	0	1	4	6	3

HUMANITIES AND SOCIAL SCIENCE (HS)

S. NO	COURSE CODE	COURSE TITLE	CATEGORY	PERIODS PER WEEK			TOTAL CONTACT PERIODS	CREDITS
				L	T	P		
1.	118ART02	History of Architecture-I	HS	3	0	0	3	3
2.	218ART03	History of Architecture-II	HS	3	0	0	3	3
3.	318ART02	History of Architecture - III	HS	3	0	0	3	3
4.	518ART02	History of Modern Architecture	HS	3	0	0	3	3

BASIC SCIENCE (BS)

S. NO	COURSE CODE	COURSE TITLE	CATEGORY	PERIODS PER WEEK			TOTAL CONTACT PERIODS	CREDITS
				L	T	P		
1.	118ART01	Mathematics	BS	2	2	0	4	3
2.	418ART02	Environmental Science and Services	BS	3	0	0	3	3

ENGINEERING SCIENCE (ES)

S. NO	COURSE CODE	COURSE TITLE	CATEGORY	PERIODS PER WEEK			TOTAL CONTACT PERIODS	CREDITS
				L	T	P		
1.	118ART03	Architectural Drawing I	ES	1	0	4	5	3
2.	218ART01	Mechanics of Structures - I	ES	2	2	0	4	3
3.	218ART04	Architectural Drawing - II	ES	1	0	4	5	3
4.	318ART01	Mechanics of Structures – II	ES	2	1	0	3	3
5.	418ART01	Analysis & Design of Structures – I	ES	2	2	0	3	3
6.	518ART01	Analysis and Design of Structures - II	ES	2	2	0	3	3
7.	518ART04	Building Services I (Electrical and Acoustic)	ES	2	0	2	4	3
8.	618ART01	Specification Estimation & Budgeting	ES	2	1	0	3	3
9.	618ART03	Materials and Construction - VI	ES	1	0	4	5	3

PROFESSIONAL CORE (PC)

S. NO	COURSE CODE	COURSE TITLE	CATEGORY	PERIODS PER WEEK			TOTAL CONTACT PERIODS	CREDITS
				L	T	P		
1.	118ART04	Materials and Construction I	PC	1	0	4	5	3
2.	118ARP05	Art Studio	PC	1	0	4	5	3
3.	118ARP06	Basic Design	PC	0	0	10	10	5
4.	218ART02	Principles of Architecture	PC	3	0	0	3	3
5.	218ART05	Materials and Construction - II	PC	1	0	4	5	3
6.	218ARP06	Architectural Design Studio - I	PC	0	0	10	10	5
7.	318ART03	Climate Responsive Architecture	PC	2	1	0	3	3
8.	318ART04	Materials and Construction – III	PC	1	0	4	5	3
9.	318ARP07	Design Studio - II	PC	0	0	10	12	5
10.	418ART03	Site Planning & Analysis	PC	2	0	2	5	3
11.	418ART04	Materials and Construction – IV	PC	1	0	4	5	3
12.	418ARP05	Architectural Design - III	PC	0	0	16	16	8
13.	518ART03	Materials and Construction - V	PC	1	2	2	5	3
14.	518ARP05	Architectural Design - IV	PC	0	0	16	16	8
15.	618ART02	Interior Design Principles	PC	2	0	2	4	3
16.	618ART04	Building Services – II (Mechanical & HVAC)	PC	1	0	2	3	3
17.	618ARP05	Architectural Design - V	PC	0	0	12	12	6
18.	718ART01	Landscape Architecture & Design	PC	2	0	2	4	3
19.	718ART02	Human Settlement Planning	PC	3	0	0	3	3
20.	718ARP04	Architectural Design - VI	PC	0	0	14	16	7
21.	818ART01	Urban Design	PC	3	0	0	3	3
22.	818ART02	Professional Practice & Ethics	PC	3	0	0	3	3
23.	818ARP04	Architectural Design - VII	PC	0	0	12	15	6

PROFESSIONAL ABILITY ENHANCEMENT COMPULSORY CORE (PAECC)

S. NO	COURSE CODE	COURSE TITLE	CATEGORY	PERIODS PER WEEK			TOTAL CONTACT PERIODS	CREDITS
				L	T	P		
1.	118ART01	Mathematics	BS	2	2	0	4	3
2.	418ART02	Environmental Science and Services	BS	3	0	0	3	3
3.	718ARPO3	Architectural Working Drawing & detailing	PC	0	2	4	6	3
4.	818ARPO3	Dissertation	PAECC	0	0	8	8	4

SUMMARY

SEMESTER WISE CREDIT ALLOCATION AS PER SUBJECT AREA

2018 Regulation

S.No	SUBJECT AREA	CREDITS ALLOCATION										CREDITS TOTAL	
		I	II	III	IV	V	VI	VII	VIII	IX	X		
1	HS	3	3	3	-	3	-	-	-	-	-	12	
2	HE	2	-	-	-	-	-	-	-	-	-	02	
3	BS	3	-	-	3	-	-	-	-	-	-	06	
4	ES	3	6	3	3	6	6	-	-	-	-	27	
5	PC	11	11	11	14	11	12	13	12	-	-	95	
6	PE	-	-	3	3	3	-	3	6	-	-	18	
7	WE	-	3	-	-	-	3	-	-	-	-	06	
8	OE	-	-	-	-	-	3	3	-	-	-	06	
9	PAECC	-	-	-	-	-	-	3	4	12	16	35	
10	SEC	-	-	3	-	-	-	-	-	-	-	03	
	Total	22	23	23	23	23	24	22	22	12	16	210	
Mandatory course		Indian Constitution and Rights							Educational Tour				

COURSE CODE DEFINITION

SL.NO	COURSE CODE	DEFINITION
1.	HS	Humanities and Social Sciences
2.	BS	Basic Sciences
3.	ES	Engineering Sciences
4.	PC	Professional Core
5.	PE	Professional Elective
6.	OE	Open Elective
7.	SEC	Skill Enhancement Courses
8.	HE	Humanities Electives
9.	WE	Workshop Electives
10.	PAECC	Professional Ability Enhancement Compulsory Courses