

IIT Kharagpur - Indian Institute of Technology

ARCHITECTURE (B.ARCH 5Y)

Semester : 1	Minimum Semester Credit Required : 27 Cumulative Semester Credit Required : 27			
Subject Type	Subject No	Subject Name	L-T-P	Credit
DEPTH	AR13201	BASIC DESIGN-I	1-0-5	4
DEPTH	AR12003	INTRODUCTION TO ARCHITECTURE	3-0-0	3
DEPTH	AR13205	GRAPHICS AND VISUAL COMMUNICATION	1-0-3	3
DEPTH	EA10001	EXTRA ACADEMIC ACTIVITY-I	0-0-3	0
DEPTH	ME19001	INTRODUCTION TO MANUFACTURING PROCESSES	0-0-3	2
DEPTH	HS13001	ENGLISH FOR COMMUNICATION	3-0-2	4
DEPTH	EA10005	INDUCTION PROGRAM	0-0-0	0
DEPTH	MA10001	MATHEMATICS-I	3-1-0	4
DEPTH	AR13203	DESCRIPTIVE GEOMETRY-I	1-0-3	3
Semester : 2	Minimum Semester Credit Required : 20 Cumulative Semester Credit Required : 47			
Subject Type	Subject No	Subject Name	L-T-P	Credit
DEPTH	CS10001	PROGRAMMING AND DATA STRUCTURES	3-0-0	3
DEPTH	EA10002	EXTRA ACADEMIC ACTIVITY-II	0-0-3	0
DEPTH	AR13204	DESCRIPTIVE GEOMETRY-II	1-0-3	3
DEPTH	AR12002	BUILDING MATERIALS	3-0-0	3
DEPTH	AR13202	BASIC DESIGN-II AND MODELING	1-0-5	4
DEPTH	CS19101	PROGRAMMING AND DATA STRUCTURES TUTORIAL AND LABORATORY	0-1-3	3
DEPTH	ME10001	MECHANICS	3-1-0	4
DEPTH	MA10002	MATHEMATICS-II	3-1-0	4
Semester : 3	Minimum Semester Credit Required : 26 Cumulative Semester Credit Required : 73			

Subject Type	Subject No	Subject Name	L-T-P	Credit
DEPTH	AR22005	HISTORY OF ARCHITECTURE-I	3-0-0	3
DEPTH	AR23205	PHOTOGRAPHY, ART AND ADVANCED VISUAL COMMUNICATION	1-0-3	3
DEPTH	AR22001	ADVANCED BUILDING MATERIALS AND COMPOSITES	3-0-0	3
DEPTH	AR23201	ARCHITECTURAL DESIGN I AND FIELD STUDY	1-0-5	4
DEPTH	AR23203	BUILDING CONSTRUCTION - I	1-0-3	3
DEPTH	HS20001	ECONOMICS	3-1-0	4
DEPTH	AR22007	ENVIRONMENTAL STUDIES	3-0-0	3
DEPTH	AR22003	CLIMATOLOGY AND SOLAR ARCHITECTURE	3-0-0	3
Semester : 4 Minimum Semester Credit Required : 25 Cumulative Semester Credit Required : 98				
Subject Type	Subject No	Subject Name	L-T-P	Credit
DEPTH	CE29002	SURVEYING PEACTICE	0-0-3	2
DEPTH	CE21004	STRUCTURAL ANALYSIS	3-1-0	4
DEPTH	AR23204	BUILDING CONSTRUCTION II	1-0-3	3
DEPTH	AR23202	ARCHITECTURAL DESIGN II AND FIELD STUDY	1-0-5	4
DEPTH	AR23206	COMPUTER AIDED DESIGN AND SIMULATION	1-0-3	3
DEPTH	AR22004	WATER SUPPLY AND SANITATION	3-0-0	3
DEPTH	AR22006	HISTORY OF ARCHITECTURE-II	3-0-0	3
ELECTIVE-I				

Semester : 5 Minimum Semester Credit Required : 27 Cumulative Semester Credit Required : 125				
Subject Type	Subject No	Subject Name	L-T-P	Credit
DEPTH	EE30024	ILLUMINATION AND ELECTRICAL SERVICES	3-0-0	3
DEPTH	CE39007	CONCRETE LABORATORY	0-0-3	2
DEPTH	CE31001	DESIGN OF RC STRUCTURE	3-1-0	4
DEPTH	AR33203	ARCHITECTURAL DETAILING	1-0-3	3
DEPTH	HS30003	SOCIOLOGY OF ARCHITECTURE	3-0-0	3
DEPTH	AR33201	ARCHITECTURAL DESIGN III AND FIELD STUDY	1-0-8	6
DEPTH	AR32003	SPECIFICATION	3-0-0	3
DEPTH	AR32001	DEVELOPMENT OF CONTEMPORARY ARCHITECTURE	3-0-0	3
Semester : 6 Minimum Semester Credit Required : 26 Cumulative Semester Credit Required : 151				
Subject Type	Subject No	Subject Name	L-T-P	Credit
DEPTH	AR33206	WORKING DRAWING	1-0-3	3
DEPTH	CE39006	STRUCTURAL DETAILING	0-0-3	2
DEPTH	AR32002	ESTIMATION AND COSTING	3-0-0	3
DEPTH	AR33202	ARCHITECTURAL DESIGN IV AND FIELD STUDY	1-0-8	6
DEPTH	CE31004	DESIGN OF STEEL STRUCTURES	3-0-0	3
DEPTH	AR33204	INTERIOR DESIGN	1-0-3	3
DEPTH	AR32004	HOUSING AND COMMUNITY PLANNING	3-0-0	3
IEM				

Semester : 7 Minimum Semester Credit Required : 24 Cumulative Semester Credit Required : 175				
Subject Type	Subject No	Subject Name	L-T-P	Credit
DEPTH	AR43203	MATERIAL TESTING LAB	1-0-3	3

DEPTH	ME40107	AIR CONDITIONING	3-0-0	3
DEPTH	AR42001	LANDSCAPE DESIGN AND SITE PLANNING	3-0-0	3
DEPTH	AR40023	BUILDING ACOUSTICS	3-0-0	3
DEPTH	AR43201	ARCHITECTURAL DESIGN - V AND FIELD STUDY	1-0-8	6
BREADTH-II				
<u>ELECTIVE-II</u>				

Semester : 8 Minimum Semester Credit Required : **12** Cumulative Semester Credit Required : **187**

Subject Type	Subject No	Subject Name	L-T-P	Credit
DEPTH	AR48014	DOCUMENTATION OF INNOVATIVE DETAILS	0-0-0	2
DEPTH	AR48008	OFFICE TRAINING	0-0-0	4
DEPTH	AR48018	SITE SUPERVISION	0-0-0	2
DEPTH	AR48016	FIELD OBSERVATION	0-0-0	2
DEPTH	AR48012	CRITICAL APPRAISAL	0-0-0	2

Semester : 9 Minimum Semester Credit Required : **25** Cumulative Semester Credit Required : **212**

Subject Type	Subject No	Subject Name	L-T-P	Credit
DEPTH	AR52003	PRINCIPLES OF TOWN PLANNING AND URBAN DESIGN	3-0-0	3
DEPTH	AR52001	CONSTRUCTION PROJECT MANAGEMENT	3-0-0	3
DEPTH	AR53201	ARCHITECTURAL DESIGN - VI AND FIELD STUDY	1-0-8	6
DEPTH	AR57101	PROJECT - I(THESIS)	0-0-6	4
<u>ELECTIVE-III</u>				
<u>ELECTIVE-V(OPEN)</u>				
HSS				

Semester : 10 Minimum Semester Credit Required : **21** Cumulative Semester Credit Required : **233**

Subject Type	Subject No	Subject Name	L-T-P	Credit
DEPTH	AR52002	PROFESSIONAL PRACTICE AND BUILDING BYELAWS	3-0-0	3
DEPTH	AR58102	SEMINAR	0-0-3	2
DEPTH	AR58004	COMPREHENSIVE VIVA-VOCE	0-0-0	2
DEPTH	AR57102	PROJECT -II(THESIS)	0-0-12	8
<u>ELECTIVE-IV</u>				
<u>ELECTIVE-VI(OPEN)</u>				