

Jadavpur University
Department of Architecture
Curriculum and Syllabi
Semesters I to X

FIRST YEAR FIRST SEMESTER								
C. no.	Subject	Pds/week			Credit		Marks	
		L	T	S	L	S	Exam	Sessional
Arch/T/111	Materials & Methods of Construction I	3		0	3	0	100	
Arch/T/112	Design Fundamentals	3		0	3	0	100	
Arch/CE/T/113	Structural Mechanics I	3		0	3	0	100	
Arch/Math/T/114	Mathematics I	3		0	3	0	100	
Arch/S/111	Materials & Methods of Construction I	0		3	0	3		100
Arch/S/112	Architectural Graphics I	0		6	0	6		200
Arch/S/113	Basic Design	0		6	0	3		100
Arch/S/114	Freehand Drawing	0		3	0	3		100
WS/ME/S/6A	Workshop Practice	0		3	0	3		100
	Sub – Total			21	12	18	400	600
		1						
		2						
	Total		33		30		1000	

FIRST YEAR SECOND SEMESTER#								
C. no.	Subject	Pds/week			Credit		Marks	
		L	T	S	L	S	Exam	Sessional
Arch/T/121	Materials & Methods of Construction II	3		0	3	0	100	
Hum/T/122	Humanities	4		0	3	0	100	
Arch/CE/T/123	Structural Mechanics II	3		0	3	0	100	
Arch/MATH/T/124	Mathematics II	3		0	3	0	100	
Arch/S/121	Materials & Methods of Construction II	0		3	0	3		100
Arch/S/122	Architectural Graphics II	0		6	0	6		200
Arch/S/123	Architectural Design I	0		9	0	6		200
Arch/S/124	Field work & Study I*	0			0	3		100
	Sub – Total	13		18	12	18	400	600
	Total		31		30		1000	

*Field work & Study I of 10 days duration.

#NOTE:

The FIRST YEAR SECOND SEMESTER curriculum is applicable from 2015-'16 as well as through 2016- '17 onwards



SECOND YEAR FIRST SEMESTER								
C. no.	Subject	Pds/week			Credit		Marks	
		L	T	S	L	S	Exam	Sessional
Arch/T/211	Architectural Construction I	3		0	3	0	100	
Arch/T/212	Evolution of Architecture I	3		0	3	0	100	
Arch/T/213	Theory of Architecture I	3		0	3	0	100	
Arch/T/214	Climate & Architecture	3		0	3	0	100	
Arch/CE/T/215	Theory of Structures I	3		0	3	0	100	
Arch/CE/T/216	Surveying	3		0	3	0	100	
Arch/S/211	Architectural Construction I	0		3	0	3		100
Arch/S/212	Architectural Design IIA	0		9	0	6		200
Arch/S/213	Computer Aided Delineation	0		3	0	3		100
	Sub – Total	18		15	18	12	600	400
	Total		33			30		1000

SECOND YEAR SECOND SEMESTER								
Code no.	Subject	Pds/week			Credit		Marks	
		L	T	S	L	S	Exam	Sessional
Arch/T/221	Architectural Construction II	3		0	3	0	100	
Arch/T/222	Evolution of Architecture II	3		0	3	0	100	
Arch/T/223	Theory of Architecture II	3		0	3	0	100	
Arch/T/224	Structure for architects	3		0	3	0	100	
Arch/CE/T/225	Theory of Structures II	3		0	3	0	100	
Arch/S/221	Architectural Construction II	0		3	0	3		100
Arch/S/222	Architectural Design IIB	0		9	0	6		200
Arch/CE/S/223	Survey Practical**				0	3		100
Arch/S/224	Field work & study II*				0	3		100
	Sub – Total	15		12	15	15	500	500
	Total		27			30		1000

*Field work & study II of 10 days duration.

**Continuous training, evaluation and viva-voce of at least 6 days.

THIRD YEAR FIRST SEMESTER								
C. no.	Subject	Pds/week			Credit		Marks	
		L	T	S	L	S	Exam	Sessional
Arch/T/311	Architectural Construction III	3		0	3	0	100	
Arch/T/312	Services & Equipment I	3		0	3	0	100	
Arch/T/313	Landscape Architecture I	3		0	3	0	100	
Arch/T/314	Evolution of Architecture III	3		0	3	0	100	
Arch/CE/T/315	Design of Structures I	3		0	3	0	100	
Arch/S/311	Architectural Construction III	0		3	0	3		100
Arch/S/312	Architectural Services I	0		3	0	3		100
Arch/S/313	Architectural Design IIIA	0		9	0	6		200
Arch/S/314	Interior Design	0		3	0	3		100
	Sub – Total	15		18	15	15	500	500
	Total	33			30		1000	

THIRD YEAR SECOND SEMESTER								
C. no.	Subject	Pds/week			Credit		Marks	
		L	T	S	L	S	Exam	Sessional
Arch/T/321	Services & Equipment II	3		0	3	0	100	
Arch/T/322	Quantity Surveying & Specifications	3		0	3	0	100	
Arch/CE/T/323	Design of Structures II	3		0	3	0	100	
Arch/T/324	Evolution of Architecture IV	3		0	3	0	100	
Arch/S/321	Architectural Services II	0		3	0	3		100
Arch/S/322	Working Drawing	0		6	0	3		100
Arch/S/323	Architectural Design IIIB	0		9	0	6		200
Arch/CE/S/324	Civil Engineering Lab	0		3	0	3		100
Arch/S/325	Field work & study III*				0	3		100
	Sub – Total	12		21	12	18	400	600
	Total	33			30		1000	

*Field work & study III of 10 days duration.



FOURTH YEAR FIRST SEMESTER								
Code no.	Subject	Pds/week			Credit		Marks	
		L	T	S	L	S	Exam	Sessional
Arch/S/411	Practical Training***					18		600
Arch/S/412	Training* Report					6		200
Arch/S/413	General Seminar					6		200
	Sub – Total					30		1000
	Total					30		1000

*** Practical Training at any reputed organization of 24 weeks duration.

FOURTH YEAR SECOND SEMESTER								
Code no.	Subject	Pds/week			Credit		Marks	
		L	T	S	L	S	Exam	Sessional
Arch/T/421	Services & Equipment III	3		0	3	0	100	0
Arch/T/422	Building Maintenance & Management	3		0	3	0	100	0
Arch/T/423	Introduction to Housing	3		0	3	0	100	0
Arch/T/424	Introduction to Urban Design	3		0	3	0	100	0
Arch/T/425	Introduction to Urban & Regional Planning	3		0	3	0	100	0
Arch/S/421	Architectural Services III	0		3	0	3	0	100
Arch/S/422	Architectural Design IV	0		9	0	6	0	200
Arch/S/423	Landscape Architecture II	0		3	0	3	0	100
Arch/S/424	Elective I	0		3	0	3	0	100
	Sub – Total	15		18	15	15	500	500
	Total			33		30		1000

Elective-I subjects:

1. Advanced Computer Application
2. Application of Quantitative methods in Architecture
3. Architectural Conservation and Restoration
4. Disaster Resistant Buildings
5. Environmental Science
6. Glass Architecture & Design
7. Studies in Indian Architecture.

FIFTH YEAR FIRST SEMESTER								
Code no.	Subject	Pds/week			Credit		Marks	
		L	T	S	L	S	Exam	Sessional
Arch/T/511	Architectural Acoustics ✓	3		0	3		100	
Arch/T/512	Professional Practice	3		0	3		100	
Arch/T/513	Building Economics & Valuation	3		0	3		100	
Arch/T/514	Project Management ✓	3		0	3		100	
Arch/T/515	Building Science & Sustainability ✓	3		0	3		100	
Arch/S/511	Dissertation leading to Architectural Thesis	0		3		3		100
Arch/S/512	Architectural Design V	0		9		6		200
Arch/S/513	Elective II	0		3		3		100
Arch/S/514	General Viva Voce	0		0		3		100
	Sub – Total	15		15	15	15	500	500
	Total			30		30		1000

Elective-II subjects:

1. Advanced Landscape Architecture
2. Advanced Materials
3. Architectural Design theory
4. Infrastructure Planning
5. Interior and Furniture Design
6. Studies on Urban Environment, Development and Sustainability

FIFTH YEAR SECOND SEMESTER								
Code no.	Subject	Pds/week			Credit		Marks	
		L	T	S	L	S	Exam	Sessional
Arch/S/521	Architectural Thesis			15		24		800
Arch/S/522	Architectural Thesis Viva Voce					6		200
	Sub – Total			15		30		1000
	Total			15		30		1000