

PROGRAMME STRUCTURE
FOR
DIPLOMA PROGRAMME IN
ARCHITECTURAL ASSISTANTSHIP
UNDER RATIONALISED SEMESTER SYSTEM
(IMPLEMENTED FROM ACADEMIC YEAR 2020-2021)



BOARD OF TECHNICAL EDUCATION, GOA STATE

DTE Building, Alto Porvorim, Bardez, Goa 403521

Ph. +91-832-2413571, +91-832-2412146

Fax +91-832-2413572

Email: dir-dte.goa@nic.in

March 2020

Directorate of Technical Education, Goa State

DIPLOMA IN ARCHITECTURAL ASSISTANTSHIP CURRICULUM STRUCTURE											
Semester	Code	Subjects	L	T	P	H	TH	TM	PR	TW	TOT
FIRST	GC101	Communication Skills	-	-	2	2	-	-	25	25	50
	AR101	Basic Architectural Drawing	-	-	6	6	-	-	50	50	100
	AR102	Building Carcass & Components	3	-	-	3	75	25	-	-	100
	AR103	Graphics-I	-	1	4	5	-	-	50	50	100
	AR104	Building Material-Construction	3	-	-	3	75	25	-	-	100
	AR105	Basic Model Making	-	-	2	2	-	-	25	25	50
	AR 106	Mathematics for Architecture	3	1	-	4	75	25	-	-	100
			9	2	14	25	225	75	150	150	600
SECOND	AR201	Basic Architectural Design	-	-	6	6	-	-	50	50	100
	AR202	Building Construction	3	-	-	3	75	25	-	-	100
	AR203	Graphics- II	-	-	5	5	-	-	50	50	100
	AR204	Building Material-Finishing	3	-	-	3	75	25	-	-	100
	AR205	Advanced Model Making	-	-	2	2	-	-	25	25	50
	AR206	CAD for Architecture	-	-	2	2	-	-	25	25	50
	GC203	Environmental Studies	4	-	-	4	75	25	-	-	100
			10	-	15	25	225	75	150	150	600
THIRD	AR301	Architectural Design -I	-	-	8	8	-	-	50	100	150
	AR302	Detailing in Construction	3	-	3	6	75	25	-	50	150
	AR303	Graphics-Presentation	-	-	4	4	-	-	50	50	100
	AR304	History of Architecture	3	-	-	3	75	25	-	-	100
	AR305	Measured Drawing	-	-	4	4	-	-	50	100	150
	AR306	Computer Graphics-I	-	-	4	4	-	-	50	50	100
			6	-	23	29	150	50	200	350	750

Directorate of Technical Education, Goa State

FOURTH	AR401	Architectural Design -II	-	-	8	8	-	-	50	75	125
	AR402	Building Construction systems	3	-	1	4	75	25	-	-	100
	AR403	Building Services –I	3	-	1	4	75	25	-	25	125
	AR404	Fundamentals of Structures	3	-	-	3	75	25	-	-	100
	AR405	Surveying	-	-	2	2	-	-	25	25	50
	AR406	Computer Graphics-II	-	-	4	4	-	-	50	50	100
	AR411, AR412, AR413, AR414	Elective Group E1	3	-	1	4	75	25	25	25	150
			12	-	17	29	300	100	150	200	750
FIFTH	AR501	Architectural Working Drawing	-	-	8	8	-	-	50	75	125
	AR502	Estimation and Costing	3	-	2	5	75	25	-	25	125
	AR503	Building Services-II	3	-	1	4	75	25	-	25	125
	AR504	Basics of Structural Design	3	-	-	3	75	25	-	-	100
	AR505	Town and Country Planning	3	-	-	3	75	25	-	-	100
	AR511,AR512,AR513, AR514	Elective Group E2	3	-	1	4	75	25	25	25	150
	CC501	Entrepreneurship Development	-	-	2	2	-	-	-	25	25
			15		14	29					750
SIXTH	TR601	Architectural Training	16 weeks						100	100	Grade
L- Lecturers T – Tutorial P – Practical C-Credits TH – Theory Marks TM – Test Marks PR – Practical Marks TW- Term Work Marks											

ELECTIVE GROUPS E1 & E2

Elective Group E1	
AR411	Interior design
AR412	Landscape development
AR413	Sustainable Architecture
AR414	Architectural Conservation

Elective Group E2	
AR511	Site Supervision & Management
AR512	Professional Practice
AR513	Building Services Management
AR514	Advanced Mathematics – Arch.