

**7. STUDY AND EVALUATION SCHEME FOR DIPLOMA PROGRAMME IN  
ARCHITECTURAL ASSISTANTSHIP**

**FIRST SEMESTER**

Sr. No	Subject	STUDY SCHEME			EVALUATION SCHEME						Total Marks
					Internal Assessment		External Assessment (Examination)				
		Hrs/week			Theory	Practical	Written Paper		Practical		
		L	T	P	Max. Marks	Max. Marks	Max. Marks	Hrs	Max. Marks	Hrs	
1.1*	Communication Skills -I	3	-	2	25	25	100	3	50	2	200
1.2	Architectural Drawing-I	-	-	6	-	50	100	4	25 (Viva)	2	175
1.3	Free Hand Sketching	-	-	6	-	50	100	4	25 (Viva)	2	175
1.4	Theory of Design	3	-	-	50	-	100	3	-	-	150
1.5	Building Materials-I	5	-	-	50	-	100	3	-	-	150
1.6	Model Making	-	-	4	-	50	-	-	+100	3	150
1.7	Applied Sciences and Mathematics	7	-	-	50	-	100	3	-	-	150
	# Student Centred Activities	-	-	4	-	25	-	-	-	-	25
	<b>Total</b>	<b>18</b>	<b>-</b>	<b>22</b>	<b>175</b>	<b>200</b>	<b>600</b>	<b>-</b>	<b>200</b>	<b>-</b>	<b>1175</b>

\* Common with other diploma programmes

+ Includes 25 marks for Viva-voce

# Student Centred Activities will comprise of co-curricular activities like extension lectures, library studies, games, hobby clubs e.g. photography, painting, singing, seminars, declamation contests, educational field visits, N.C.C., NSS, Cultural Activities, Civil Defence/Disaster Management activities etc.

## SECOND SEMESTER (ARCHITECTURAL ASSISTANTSHIP)

Sr. No	Subject	STUDY SCHEME			EVALUATION SCHEME						Total Marks
					Internal Assessment		External Assessment (Examination)				
		Hrs/week			Theory	Practical	Written Paper		Practical		
		L	T	P	Max. Marks	Max. Marks	Max. Marks	Hrs	Max. Marks	Hrs	
2.1*	Communication Skills –II	3	-	2	25	25	100	3	50	2	200
2.2	Architectural Drawing-II	-	-	6	-	50	100	4	25 (Viva)	2	175
2.3*	Basics of Information Technology	-	-	4	-	50	-	-	100	3	150
2.4	Building Construction-I	-	-	8	-	50	100	4	25 (Viva)	2	175
2.5	Building Materials-II	3	-	-	50	-	100	3	-	-	150
2.6	History of Architecture-I	3	-	-	50	-	100	3	-	-	150
2.7**	Architectural Design-I	-	-	6	-	50	100	6	25 (Viva)	2	175
# Student Centred Activities		-	-	5	-	25	-	-	-	-	25
Total		9	-	31	125	250	600	-	225	-	1200

\* Common with other diploma programmes

\*\* Topic for Architectural Design will be displayed on the Notice Board one week before the examination

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### THIRD SEMESTER (ARCHITECTURAL ASSISTANTSHIP)

Sr. No	Subject	STUDY SCHEME			EVALUATION SCHEME						Total Marks
					Internal Assessment		External Assessment (Examination)				
		Hrs/week			Theory	Practical	Written Paper		Practical		
		L	T	P	Max. Marks	Max. Marks	Max. Marks	Hrs	Max. Marks	Hrs	
3.1	History of Architecture-II	3	-	-	50	-	100	3	-	-	150
3.2	Architectural Drawing-III	-	-	6	-	50	-	-	+100	3	150
3.3	Surveying	2	-	3	25	25	100	3	50	3	200
3.4	Climatology	3	-	-	50	-	100	3	-	-	150
3.5	Building Services	4	-	-	50	-	100	3	-	-	150
3.6	Building Construction-II	-	-	6	-	50	-	-	+100	3	150
3.7 **	Architectural Design-II	-	-	8	-	50	-	-	+100	3	150
# Student Centred Activities		-	-	5	-	25	-	-	-	-	25
<b>Total</b>		<b>12</b>	<b>-</b>	<b>28</b>	<b>175</b>	<b>200</b>	<b>400</b>	<b>-</b>	<b>350</b>	<b>-</b>	<b>1125</b>

+ Includes 25 marks for Viva-voce

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# Student Centred Activities will comprise of co-curricular activities like extension lectures, library studies, games, hobby clubs e.g. photography, painting, singing, seminars, declamation contests, educational field visits, N.C.C., NSS, Cultural Activities, Civil Defence/Disaster Management activities etc.

#### FOURTH SEMESTER (ARCHITECTURAL ASSISTANTSHIP)

Sr. No	Subject	STUDY SCHEME			EVALUATION SCHEME						Total Marks
					Internal Assessment		External Assessment (Examination)				
		Hrs/week			Theory	Practical	Written Paper		Practical		
		L	T	P	Max. Marks	Max. Marks	Max. Marks	Hrs	Max. Marks	Hrs	
4.1	History of Architecture -III	3	-	-	50	-	100	3	-	-	150
4.2	Structural Mechanics	5	-	-	50	-	100	3	-	-	150
4.3	Building Bye-Laws	3	-	-	50	-	100	3	-	-	150
4.4	Working Drawing-I	-	-	6	-	50	-	-	+100	3	150
4.5	Computer Applications in Architecture – I	-	-	4	-	50	-	-	+100	3	150
4.6	Building Construction –III	-	-	6	-	50	-	-	+100	3	150
4.7 **	Architectural Design-III	-	-	8	-	50	-	-	+100	3	150
# Student Centred Activities		-	-	5	-	25	-	-	-	-	25
<b>Total</b>		<b>11</b>	<b>-</b>	<b>29</b>	<b>150</b>	<b>225</b>	<b>300</b>	<b>-</b>	<b>400</b>	<b>-</b>	<b>1075</b>

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# Student Centred Activities will comprise of co-curricular activities like extension lectures, library studies, games, hobby clubs e.g. photography, painting, singing, seminars, declamation contests, educational field visits, N.C.C., NSS, Cultural Activities, Civil Defence/Disaster Management activities etc.

**Industrial Training** - After examination of 4<sup>th</sup> Semester, the students shall go for training in a relevant industry/field organization for a minimum period of 6 weeks and shall prepare a diary. It shall be evaluated during 5<sup>th</sup> semester by his/her teacher for 50 marks. The students shall also prepare a report at the end of training and shall present it in a seminar, which will be evaluated for another 50 marks. This evaluation will be done by HOD and lecturer incharge – training in the presence of one representative from training organization.

## FIFTH SEMESTER (ARCHITECTURAL ASSISTANTSHIP)

Sr. No	Subject	STUDY SCHEME			EVALUATION SCHEME						Total Marks
					Internal Assessment		External Assessment (Examination)				
		Hrs/week			Theory	Practical	Written Paper		Practical		
		L	T	P	Max. Marks	Max. Marks	Max. Marks	Hrs	Max. Marks	Hrs	
	Industrial Training	-	-	-	-	50	-	-	50	3	100
5.1 *	Employability Skills - I	-	-	2	25	-	-	-	50	3	75
5.2 *	Environmental Education	3	-	-	25	-	100	3	-	-	125
5.3	Reinforced Cement Concrete (RCC)	6	-	-	50	-	100	3	-	-	150
5.4	Working Drawing-II	-	-	6	-	50	-	-	+100	3	150
5.5	Computer Applications in Architecture - II	-	-	4	-	50	-	-	+100	3	150
5.6	Building Construction-IV	-	-	6	-	50	-	-	+100	3	150
5.7	Architectural Design-IV	-	-	8	-	50	-	-	+100	3	150
# Student Centred Activities including Personality Development Camp		-	-	5	-	25	-	-	-	-	25
<b>Total</b>		<b>9</b>	<b>-</b>	<b>31</b>	<b>100</b>	<b>275</b>	<b>200</b>	<b>-</b>	<b>500</b>	<b>-</b>	<b>1075</b>

\* Common with other diploma programmes

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+ Includes 25 marks for Viva-voce

# Student Centred Activities will comprise of co-curricular activities like extension lectures, library studies, games, hobby clubs e.g. photography, painting, singing, seminars, declamation contests, educational field visits, N.C.C., NSS, Cultural Activities, Civil Defence/Disaster Management activities etc.

## SIXTH SEMESTER (ARCHITECTURAL ASSISTANTSHIP)

Sr. No	Subject	STUDY SCHEME			EVALUATION SCHEME						Total Marks
					Internal Assessment		External Assessment (Examination)				
		Hrs/week			Theory	Practical	Written Paper		Practical		
		L	T	P	Max. Marks	Max. Marks	Max. Marks	Hrs	Max. Marks	Hrs	
6.1 *	Employability Skills - II	-	-	2	25	-	-	-	50	3	75
6.2 *	Entrepreneurship Development and Management	3	-	-	25	-	100	3	-	-	125
6.3	Quantity Surveying and Valuation	5	-	-	50	-	100	3	-	-	150
6.4	Elective-I	3	-	-	50	-	100	3	-	-	150
6.5	Elective-II	3	-	-	50	-	100	3	-	-	150
6.6 <sup>+++</sup>	Portfolio (Major Project) and Professional Training	-	-	19	-	50	-	-	<sup>+</sup> 100	3	150
# Student Centred Activities		-	-	5	-	25	-	-	-	-	25
<b>Total</b>		<b>14</b>	<b>-</b>	<b>26</b>	<b>200</b>	<b>75</b>	<b>400</b>	<b>-</b>	<b>150</b>	<b>-</b>	<b>825</b>

Elective:      6.4.1 Landscape Design;                      6.4.2 Building Maintenance;      6.4.3 Site Management  
                   6.5.1 Interior Design; (Practical)                      6.5.2. Town Planning;                      6.5.3 Advanced Computer Application  
 (Students will choose any one of the four electives, depending upon their interest and availability of faculty in the polytechnic)

\* Common with other diploma programmes

+ Includes 25 marks for Viva-voce

# Student Centred Activities will comprise of co-curricular activities like extension lectures, library studies, games, hobby clubs e.g. photography, painting, singing, seminars, declamation contests, educational field visits, N.C.C., NSS, Cultural Activities, Civil Defence/Disaster Management activities etc.