

Certificate Programme in Building Maintenance & ICD in Civil Engineering

Semester-I (ICD)							
S.No	Sub. Code	Subject Name	L	T	P	Hrs.	Credits
1	AM-111	Mathematics- I	4	1	0	5	5
2	PH -111	Physics-I	4	0	2	6	5
3	CY-111	Chemistry-I	4	0	2	6	5
4	HU-111	Communication Skills-I	2	0	0	2	2
5	WS-111	Workshop Practice-I	0	0	4	4	2
6	ME-111	Engineering Drawing	0	0	4	4	2
7	CS-111	Computer Fundamentals	3	0	2	5	4
		Total	17	1	14	32	25
Semester-II (ICD)							
S.No	Sub. Code	Subject Name	L	T	P	Hrs.	Credits
1	AM-121	Mathematics- II	4	1	0	5	5
2	PH-121	Physics-II	4	0	2	6	5
3	CY-121	Chemistry-II	4	0	2	6	5
4	HU-121	Communication Skills-II	1	0	2	3	2
5	WS-121	Workshop Practice-II	0	0	4	4	2
6	HU-122	Principles of Management and Industrial Psychology	3	0	0	3	3
7	CV-121	Building Materials	2	0	2	4	3
		Total	18	1	12	31	25
Semester –III A							
1	TO-201	Two Weeks Practical Training during Summer Vacation				80	S/US
Semester-III B(ICD)							
S.No	Sub. Code	Subject Name	L	T	P	Hrs.	Credits
1	AM-211	Applied Mathematics	3	1	0	4	4
2	EE-211	Fundamentals of Electrical Engineering	3	0	2	5	4
3	EC-211	Fundamentals of Electronics Engineering	3	0	2	5	4
4	CV-211	Surveying-I	2	0	2	4	3
5	CV-212	Building Construction and Drawing	2	0	2	4	3
6	CV-213	Concrete Technology	2	0	2	4	3
7	CV-214	Water Supply and Waste Water Engineering	2	0	2	4	3
		Total	17	1	12	30	24
Semester-IV							
S.No	Sub. Code	Subject Name	L	T	P	Hrs.	Credits
1	CV-221	Surveying-II	2	0	2	4	3
2	CV-222	Irrigation Engineering & Drawing	2	0	4	6	4
3	CV-223	Highway Engineering	3	0	2	5	4
4	CV-224	Quantity Surveying & Valuation	2	0	0	2	2
5	CV-225	Structural Mechanics	3	1	2	6	5
6	CV-226	Building Maintenance	2	0	4	6	4
7	MC-221	Moral values and Professional Ethics	1	0	0	1	0
		Total	15	1	14	30	22
Semester-V A							
	TP-301	Four Weeks Industrial Training/Surveying Camp during Summer				160	S/US
Semester-V B							
S.No	Sub. Code	Subject Name	L	T	P	Hrs.	Credits
1	CV-311	Construction Management and Accounts	3	0	0	3	3
2	CV-312	Soil and Foundation Engineering	2	1	4	7	5
3	CV-313	Fluid Mechanics	2	0	4	6	4
4	CV-314	Railways, Bridges and Tunnel Engineering	2	0	2	4	3
5	CV-315	CAD in Civil Engineering	2	1	2	5	4
6	CV-316	Design and Drawing of RCC Structures	2	0	4	6	4
7	TP-301E	Industrial Training (Evaluation only--S/US)					S/US
		Total	13	2	16	31	23
Semester-VI							
S.No	Sub Code	Subject Name	L	T	P	Hrs.	Credits
1	HU-321	Entrepreneurship	2	0	0	2	2
2	MC-321	Environmental Studies	2	0	0	2	2
3	CV-321	Architectural Practices and Interior Design	3	0	4	7	5
4	CV-322	Design and Drawing of Steel Structures	4	0	2	6	5
5	CV-323	Construction Machinery and Equipment	3	1	0	4	4
6	CV-324	Earthquake Resistant Building Construction	3	0	0	3	3
7	CV-325	Project	0	0	4	4	2
		Total	17	1	10	28	23