

FIVE YEAR INTEGRATED DEGREE PROGRAMME**(B.Tech + M.Tech)**

I Semester						
S No	Course Code	Course Title	L	T	P	Credits
1	11-HS101	English	2	0	2	3
2	11-HS103	Energy and Society	3	0	0	3
3	11-BS101	Engineering Mathematics	3	1	0	4
4	11-BS103	Engineering Physics	3	0	2	4
5	11-ES101	Problem Solving Through Programming	3	0	2	4
6	11-ES105	Workshop Practice	0	0	4	2
		Total Credits	14	1	10	20

II Semester						
S No	Course Code	Course Title	L	T	P	Credits
1	11-HS102	Technical communication Skills	2	0	2	3
2	11-BS102	Advanced Engineering Mathematics	3	0	2	4
3	11-ES102	Measurements	3	0	2	4
4	11-BS105	Ecology and Environment	2	0	0	2
5	11-BS104	Engineering Chemistry	3	0	2	4
6	11-ES103	Engineering Materials	3	0	0	3
7	11-ES104	Engg Graphics with CAD	0	0	4	2
8	11-MP101	Mini project -1	0	0	2	1
		Total Credits	16	0	14	23

III Semester						
S No	Course Code	Course Title	L	T	P	Credits
1	11-ES201	Engineering Science 1	3	1	0	4
2	11-ES202	Engineering Science 2	3	0	2	4
3	11-CS201	Core 1	3	1	0	4
4	11-ES203	Engineering Science 1	3	1	0	4
5	11-CS202	Core 2	3	0	2	4
6	11-CS203	Core 3	3	0	2	4
7	11-MP201	Mini Project – 2	0	0	2	1
8	-	Games Certificate	0	0	2	NC
Total Credits			18	3	8	25

IV Semester						
S No	Course Code	Course Title	L	T	P	Credits
1	11-BS201	Basic Science 1	3	1	0	4
2	11-BS202	Basic Science 2	3	1	0	4
3	11-CS204	Core 4	3	0	2	4
4	11-CS205	Core 5	3	0	2	4
5	11-CS206	Core 6	3	0	2	4
6	11-CS207	Core 7	3	0	0	4
7	HS 1	HS 1 (ELECTIVE)	3	0	0	3
8	-	Soft Skills	0	0	2	NC
Total Credits			21	3	6	27
Industrial Training (Minimum of 8 Weeks Compulsory)			0	0	0	*

V Semester						
S No	Course Code	Course Title	L	T	P	Credits
1	11-CS301	Core 8	3	0	2	4
2	11-CS302	Core 9	3	1	0	4
3	11-CS303	Core 10	3	0	2	4
4	11-CS304	Core 11	3	0	2	4
5	PC-1	Professional Elective 1	3	0	0	3
6	OE-1	Open Elective 1	3	0	0	3
7	HS 2	Humanities 1	3	0	0	3
Total Credits			21	1	6	25

VI Semester						
S No	Course Code	Course Title	L	T	P	Credits
1	11-CS305	Core 12	3	1	0	4
2	11-CS306	Core 13	3	0	2	4
3	11-CS307	Core 14	3	0	2	4
4	PC-2	Professional Elective 2	3	0	0	3
5	PC-3	Professional Elective 3	3	0	0	3
6	OE-2	Open Elective 2	3	0	0	3
7	HS-3	HS 3 (ELECTIVE)	3	0	0	3
8	11-MP301	Mini Project 3	0	0	2	1
Total Credits			21	1	6	25
Summer Term 2 – CDC, 1 – Elective 12-Credits						

VII Semester						
S No	Course Code	Course Title	L	T	P	Credits
1	11-CS401	Core 17	3	0	2	4
2	11-CS402	Core 18	3	0	2	4
3	PC-4	Professional Elective 5	3	0	0	3
4	PC-5	Professional Elective 6	3	0	0	3
5	OE-3	Open Elective 3	3	0	0	3
6	OE-4	Open Elective 4	3	0	0	3
7	OE-5	Open Elective 5	3	0	0	3
8		Seminar	0	0	4	2
Total Credits			21	0	8	25

VIII Semester						
S. No	Course Code	Course Title	L	T	P	Credits
1	11-CS403	Core 19	3	1	2	5
2	11-CS404	Core 20	3	1	2	5
3	11-CS405	Core 21	3	1	0	4
4	11-CS406	Core 22	3	1	0	4
5	PC-6	Elective 7	3	0	0	3
6	OE-6	Elective 8	3	0	0	3
7	11-TP401	Term paper	0	0	4	2
		Total Credits	18	4	8	26
Summer Term 2 – CDC, 1 – Elective						
						12-Credits

IX & X Semester			
S No	Course Code	Course Title	Credits
1		Dissertation Work	36

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