

GCS - Degree in Computer Science and Engineering							
Semester-VI (UG)							
S.No	Sub Code	Subject Name	L	T	P	Hrs	Credits
1	CS-621 (A-D)	Elective-I	3	0	0	3	3
2	CS-622	Automata and Formal Languages	2	2	0	4	3
3	CS-623	Computer Graphics and Multimedia	3	0	4	7	5
4	CS-624	Software Reliability and Testing	3	0	2	5	4
5	CS-625	Simulation and Modelling	2	0	0	2	2
6	CS-626	Network Programming	2	0	4	6	4
7	CS-627	Emerging Technologies Lab	0	0	4	4	2
Total			15	2	14	31	23

B.Tech.(Chemical Engineering)							
Semester-VI (UG)							
S.No	Sub Code	Subject Name	L	T	P	Hrs	Credits
1	CH-621	Elective-I	3	0	0	3	3
2	HU-621	Engineering Economics and Entrepreneurship	3	0	0	3	3
3	CH-622	Process Dynamics & Control	3	2	2	7	5
4	CH-623	Transport Phenomena	3	2	0	5	4
5	CH-624	Process Equipment Design	1	0	4	5	3
6	CH-625	Chemical Process Instrumentation	3	0	2	5	4
7	CH-626	Environmental Testing & Analysis Lab	0	0	2	2	1
Total			16	4	10	30	23

B.E. Electronics and Communication Engg							
Semester-VI (UG)							
S.No	Sub Code	Subject Name	L	T	P	Hrs	Credits
1	EC-621 (A-E)	Elective-I	3	0	0	3	3
2	EC-622	Microcontroller & Embedded System	3	0	2	5	4
3	EC-623	Antenna Wave Propagation	3	0	2	5	4
4	EC-624	Industrial Electronics & Application	3	0	2	5	4
5	EC-625	Wireless Communication	3	0	0	3	3
6	EC-626	Microelectronics	3	0	0	3	3
7	EC-627	Seminar	0	0	2	2	1
Total			18	0	8	26	22

FOUR YEAR DEGREE PROGRAM IN ELECTRICAL ENGINEERING**Semester-VI (UG)**

S.No	Sub Code	Subject Name	L	T	P	Hrs	Credits
1	EE-621(A-D)	Elective-I	3	0	0	3	3
2	EE-622	Power Electronics	3	2	2	7	5
3	EE-623	Non Linear and Discrete Control Systems	3	2	0	5	4
4	EE-624	Microprocessor and Applications	3	0	2	5	4
5	EE-625	Power System Protection	3	0	2	5	4
6	EE-626	Utilization of Electrical Energy	3	0	0	3	3
7	EE-627	Advance Simulation Lab-I	0	0	2	2	1
Total			18	4	8	30	24

Course Scheme for GFT**Semester-VI (UG)**

S.No	Sub Code	Subject Name	L	T	P	Hrs	Credits
1	FT-621	Elective-I	3	0	0	3	3
2	HU-621	Engineering Economics and Entrepreneurship	3	0	0	3	3
3	FT-622	Packaging Technology	3	0	2	5	4
4	FT-623	Technology of Fats and Oils	3	0	2	5	4
5	FT-624	Technology of Beverages	3	0	2	5	4
6	FT-625	Technology of Bakery and Confectionery Products	3	0	2	5	4
Total			18	0	8	26	22

FOUR YEAR DEGREE PROGRAM IN INSTRUMENTATION AND CONTROL ENGINEERING**Semester-VI (UG)**

S.No	Sub Code	Subject Name	L	T	P	Hrs	Credits
1	IE-621A-E	Elective-I	3	0	0	3	3
2	IE-622	Statistical and Optimization Techniques	3	2	0	5	4
3	IE-623	Data Communication and Networking	3	0	0	3	3
4	IE-624	Data Acquisition System	3	0	2	5	4
5	IE-625	Biomedical Instrumentation	3	0	2	5	4
6	IE-626	Computer Control of Processes	3	0	0	3	3
7	IE-627	Microcontroller and Embedded Systems	3	0	2	5	4
Total			21	2	6	29	25

UG- ME(Manufacturing Engineering) to be renamed as "Mechanical Engineering"**Semester-VI (UG)**

S.No	Sub Code	Subject Name	L	T	P	Hrs	Credits
1	ME-621 (A-C)	Elective-II	3	0	2	5	4
2	HU-621	Engineering Economics and Entrepreneurship	3	0	0	3	3
3	ME-622	Mechanical Design-II	3	2	0	5	4
4	ME-623	CAD/CAM	3	0	2	5	4
5	ME-624	Refrigeration & Air Conditioning	3	0	2	5	4
6	ME-625	Work Study & Ergonomics	3	0	2	5	4
7	ME-626	Seminar	0	0	2	2	1
		Total	18	2	10	30	24

UG- ME(Welding)**Semester-VI (UG)**

S.No	Sub Code	Subject Name	L	T	P	Hrs	Credits
1	ME-621 (D-E)	Elective-II	3	0	2	5	4
2	HU-621	Engineering Economics and Entrepreneurship	3	0	0	3	3
3	ME-622	Mechanical Design-II	3	2	0	5	4
4	ME-623	CAD/CAM	3	0	2	5	4
5	ME-624	Refrigeration & Air Conditioning	3	0	2	5	4
6	ME-625	Work Study & Ergonomics	3	0	2	5	4
7	ME-626	Seminar	0	0	2	2	1
		Total	18	2	10	30	24