

V SEMESTER

Scheme of Teaching and Examination
B.E., Instrumentation Technology

SI No	Subject Code	Title of the Subject	Teaching Dept.	Hours/week		Examination			
				Theory	Practical	Duration (Hrs)	Marks		
							IA	External Marks	Total
1	10AL51	Management and Entrepreneurship	@	04	-	03	25	100	125
2	10IT52	Advanced Microprocessor & Peripherals	IT	04	-	03	25	100	125
3	10IT53	Digital Signal Processing	IT	04	-	03	25	100	125
4	10IT54	Process Instrumentation	IT	04	-	03	25	100	125
5	10IT55	Biomedical Instrumentation	IT	04	-	03	25	100	125
6	10IT56	C++ & Data Structures	IT	04	-	03	25	100	125
7	10ITL57	Analog IC Lab	IT	-	03	03	25	50	75
8	10ITL58	8086 Microprocessor Lab	IT	-	03	03	25	50	75
Total				24	06	24	200	700	900

@ Any Engineering Department or Department of Business Studies.

VI SEMESTER

SCHEME OF TEACHING AND EXAMINATION
B.E., INSTRUMENTATION TECHNOLOGY

Sl No	Subject Code	Title of the Subject	Teaching Dept.	Hours/week		Examination			
				Theory	Practical	Duration (Hrs)	Marks		
							IA	External Marks	Total
1	10IT61	Communication Systems	IT	04	-	03	25	100	125
2	10IT62	Advanced Control Systems	IT	04	-	03	25	100	125
3	10IT63	Digital Image Processing	IT	04	-	03	25	100	125
4	10IT64	Process Control Systems	IT	04	-	03	25	100	125
5	10IT65	Analytical and Pharmaceutical Instrumentation	IT	04	-	03	25	100	125
6	10IT66x	Elective-I (Group-A)	IT	04	-	03	25	100	125
7	10ITL67	Control System & Data Converters Lab	IT	-	03	03	25	50	75
8	10ITL68	Instrumentation Lab	IT	-	03	03	25	50	75
Total				24	06	24	200	700	900

Electives – I (Group – A)		
Sl.No.	Subject Code	Title of the Subject
1	10IT661	Computer networks
2	10IT662	PIC Microcontroller

3	10IT663	Applied Numerical Methods
4	10IT664	Operating Systems