

Electronics and Instrumentation Engineering

SEMESTER-VI

S. No.	Subject Code	Subject Name	Maximum Marks Theory Slot			Maximum Marks (Practical Slot)		Total Marks	Periods/ hour/ week			Credits
			End Sem. Exam.	Mid Tests	Assignments/Quiz	End Sem. Practical & Viva	Practical Record /Assignment/ Quiz / Presentation		L	T	P	
1	EIA-601	Microcontroller & Microprocessor	60	30	10	30	20	150	2	1	2	4
2	EIA-602	Biomedical Instrumentation	60	30	10	30	20	150	2	1	2	4
3	EIA-603	Program Elective-II	60	30	10			100	3	1	0	4
4	EIA-604	Program Elective-III	60	30	10	-		100	3	0	0	3
5	EIA-605	Open Core Elective - II	60	30	10	-		100	3	0	0	3
6	EIA-606	Minor Project	-	-	-	180	120	300	-	-	4	2
TOTAL			300	150	50	240	160	900	13	3	8	20

Program Elective-II		
EIA-603	(A) Instrumentation in Aerospace and Navigation	(B) Reliability Engineering
Program Elective-III		
EIA-604	(A) Digital Image & Video Processing	(B) Speech and Audio Processing
Open Core Elective - II		
EIA-605	(A) Introduction to MEMS	(B) Digital System Design using HDL Verilog