

**Course structure for Semester system**  
**M. Tech. Degree in Instrumentation & Control Engineering**  
**w. e. f. the academic year 2014-15**

**Semester I Examination**

**Theoretical**

PAPER NO.	SUBJECT	PERIODS			EVALUATION SCHEME				CREDITS
		L	T	P	TA	CT	ESE	TOTAL	
MIT11	Computational Methods	4			20	10	70	100	4
MIT12	Biomedical Measurement and Instrumentation	4			20	10	70	100	4
MIT13	Embedded Systems	4			20	10	70	100	4
MIT14	Elective Paper I	4			20	10	70	100	4

**Practical**

PAPER NO.	SUBJECT	PERIODS			EVALUATION SCHEME				CREDITS
		L	T	P	TA	CT	ESE	TOTAL	
MIP11	Advanced Measurement and Biomedical Instrumentation Lab	-	1	7	50		50	100	4
MIP12	Embedded Systems Lab	-	1	7	50		50	100	4

**Semester II Examination**

**Theoretical**

PAPER NO.	SUBJECT	PERIODS			EVALUATION SCHEME				CREDITS
		L	T	P	TA	CT	ESE	TOTAL	
MIT21	Data Communication & Industrial Networking	4			20	10	70	100	4
MIT22	Advanced Process control	4			20	10	70	100	4
MIT23	Advanced Digital Signal Processing	4			20	10	70	100	4
MIT24	Elective Paper II	4			20	10	70	100	4

**Practical**

PAPER NO.	SUBJECT	PERIODS			EVALUATION SCHEME				CREDITS
		L	T	P	TA	CT	ESE	TOTAL	
MIP21	Advanced process control Lab	-	1	7	50		50	100	4
MIP22	Communication Lab	-	1	7	50		50	100	4

**Semester III Examination**

PAPER NO.	SUBJECT	PERIODS			EVALUATION SCHEME				CREDITS
		L	T	P	TA	CT	ESE	TOTAL	
MIP31	Seminar	-	2	6	50	-	50	100	4
MIP32	Project Phase I	-	4	12	50	-	150	200	8
MIP33	General Viva Voce	-	-	-	-	-	-	100	4

**Semester IV Examination**

PAPER NO.	SUBJECT	PERIODS			EVALUATION SCHEME				CREDITS
		L	T	P	TA	CT	ESE	TOTAL	
MIP41	Project Phase II	-	8	24	100	-	300	400	16