

National Institute of Technology Raipur

Course of Study and Scheme of Examination

B. Tech. 3rd Semester

Branch:

S. No.	Subject Code	Subject Name	Periods per Week			TA	Examination Scheme				Total Marks	Credits
			L	T	P		MSE/MTR		ESE/ESVE			
							Theory	Prac.	Theory	Prac.		
1	BM103101BM	Signal and System	3	1	0	20	30		50		100	4
2	BM103102BM	Analog Electronic Circuits	3	1	0	20	30		50		100	4
3	BM103103BM	Biomedical Transducers and Sensors	3	1	0	20	30		50		100	4
4	BM103104BM	Network Analysis	3	1	0	20	30		50		100	4
5	BM103105BM	Anatomy and Physiology	3	1	0	20	30		50		100	4
6	BM103003MA	Mathematics III	4	0	0	20	30		50		100	4
7	BM103401BM	Biomedical Electronics Lab	0	0	2	40		20		40	100	1
8	BM103402BM	Anatomy and Physiology Lab	0	0	2	40		20		40	100	1
												26

National Institute of Technology Raipur

Course of Study and Scheme of Examination

B. Tech. 4th Semester

Branch:

S. No.	Subject Code	Subject Name	Periods per Week			TA	Examination Scheme				Total Marks	Credits
			L	T	P		MSE/MTR		ESE/ESVE			
							Theory	Prac.	Theory	Prac.		
1	BM104106BM	Biomedical Signal Processing	3	1	0	20	30		50		100	4
2	BM104107BM	Digital Electronics	3	1	0	20	30		50		100	4
3	BM104108BM	Microprocessor	3	1	0	20	30		50		100	4
4	BM104109BM	Biomedical Instrumentation and Measurement	3	1	0	20	30		50		100	4
5	BM104110BM	Biomechanics	3	1	0	20	30		50		100	4
6	BM104004MA	Mathematics IV (Numerical Methods in Biomedical Engineering)	4	0	0	20	30		50		100	4
7	BM104403BM	Biomedical Signal Processing Lab	0	0	2	40		20		40	100	1
8	BM104404BM	Biomedical Instrumentation and Measurement Lab	0	0	2	40		20		40	100	1
												26