

National Institute of Technology Raipur												
Course of Study and Scheme of Examination							B. Tech. 3rd Semester				Branch: ECE	
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	EC103101EC	Network Analysis and Synthesis	3	1	0	20	30		50		100	4
2	EC103102EC	Microelectronics Devices and Circuits	3	1	0	20	30		50		100	4
3	EC103103EC	Signal and Systems	3	1	0	20	30		50		100	4
4	EC103104EC	Digital Logic Design	3	1	0	20	30		50		100	4
5	EC103105EC	Electronic Measurement and Instruments	3	1	0	20	30		50		100	4
6	MA103001MA	Mathematics III	4	0	0	20	30		50		100	4
7	EC103401EC	Devices & Circuit Laboratory	0	0	2	40		20		40	100	1
8	EC103402EC	Digital Logic Design Laboratory	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: ECE	
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	EC104101EC	Electro-Magnetic Field Theory	3	1	0	20	30		50		100	4
2	EC104102EC	Digital Signal Processing	3	1	0	20	30		50		100	4
3	EC104103EC	Computer System Architecture	3	0	0	20	30		50		100	3
4	EC104104EC	Linear Integrated Circuits and Applications	3	0	0	20	30		50		100	3
5	EC104105EC	Analog Communication	3	1	0	20	30		50		100	4
6	MA104001MA	Mathematics IV	4	0	0	20	30		50		100	4
7	EC104401EC	DSP Laboratory	0	0	2	40		20		40	100	1
8	EC104402EC	Analog Communication Laboratory	0	0	2	40		20		40	100	1
9	EC104403EC	Computer System Architecture Laboratory	0	0	2	40		20		40	100	1
10	EC104404EC	Linear Integrated Circuits & Applications Laboratory	0	0	2	40		20		40	100	1
												26

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