

**SREENIVASA INSTITUTE of TECHNOLOGY and MANAGEMENT STUDIES  
(AUTONOMOUS): CHITTOOR  
DEPARTMENT of ELECTRONICS and COMMUNICATION ENGINEERING**

**Course Structure**

II Year B.Tech I Semester

S.No	Subject code	Subject	L	T	P	Credits
1	16SAH 211	MATHEMATICS III	3	1	0	3
2	16SAH 213	ENVIRONMENTAL SCIENCE	3	1	0	3
3	16EEE 214	PRINCIPLES OF ELECTRICAL ENGINEERING	3	1	0	3
4	16ECE 211	ELECTRONIC DEVICES AND CIRCUITS	3	1	0	3
5	16ECE 212	SIGNALS & SYSTEMS	3	1	0	3
6	16ECE 213	SWITCHING THEORY AND LOGIC DESIGN	3	1	0	3
7	16ECE 214	ELECTRONIC DEVICES AND CIRCUITS LAB	0	0	3	2
8	16EEE 217	ELECTRICAL ENGINEERING LAB	0	0	3	2
		Contact periods/Week	19	5	06	
			Total/Week 30			
Total credits(6 Theory+2 Labs)						22

II Year B.Tech II Sem

S.No	Subject code	Subject	L	T	P	Credits
1	16SAH 221	MATHEMATICS IV	3	1	0	3
2	16MBA 218	BUSINESS MANAGEMENT	3	1	0	3
3	16ECE 221	ELECTRONIC CIRCUIT ANALYSIS	3	1	0	3
4	16ECE 222	PULSE AND DIGITAL CIRCUITS	3	1	0	3
5	16ECE 223	PROBABILITY THEORY & STOCHASTIC PROCESS	3	1	0	3
6	16ECE 224	ELECTROMAGNETIC WAVES & TRANSMISSION LINES	3	1	0	3
7	16ECE 225	ELECTRONIC CIRCUIT ANALYSIS LAB	0	0	3	2
8	16ECE 226	PULSE AND DIGITAL CIRCUITS LAB	0	0	3	2
9		Comprehensive Online Test-I	0	0	0	1
		Contact periods/Week	19	05	06	
			Total/Week 30			
Total credits(6 Theory+2 Labs)						23