For	Faculty	Dept.	Course	Year	Sem
BE Odd Sem	Engg.	EE	BE	1	1

New Curriculum									Subject type (eg. Theory, Practical, Sessional)
Sl. No.	Course Id	Category (elective or regular)	Subject code	Subject name	Lecture credit	Sessional or Practical	Theory full marks	Sessional full marks	
1	BEE	Regular	BS/MTH/T111	Mathematics- I	4	0	100	0	Theory
2	BEE	Regular	BS/CH/TP103	Chemistry	4		100		Practical
3	BEE	Regular	BS/PH/TP104	Physics	4		100		Practical
4	BEE	Regular	HSMC/HS/T101	Humanities & Sociology	3	0	100	0	Theory
5	BEE	Regular	ES/EM/T103B	Engineering Mechanics	4	0	100	0	Theory
6	BEE	Regular	ES/WS/P107A	Workshop	0	1.5	0	100	Theory
7	BEE	Regular	MC/TS/P101	Technical communicative skill & Soft Skill	0	0	0	100	Practical
				TOTAL	19	1.5			

For	Faculty	Dept.	Course	Year	Sem
BE Odd Sem	Engg.	EE	BE	2	1

New Curriculum									
Sl. No.	Course Id	Category (elective or regular)	Subject code	Subject name	Lecture credit	Sessional or Practical Credit	Theory full marks	Sessional full marks	Subject type (eg. Theory, Practical, Sessional)
1	BEE	Regular	EE/PC/B/T/211	Signals & Systems	3	0	100	0	Theory
2	BEE	Regular	EE/PC/B/T/212	Circuit Theory	3	0	100	0	Theory
3	BEE	Regular	EE/ES/B/T/213	Electrical Engineering Materials	3	0	100	0	Theory
4	BEE	Regular	EE/PC/B/T/214	Electrical Measurements & Measuring Instruments	3	0	100	0	Theory
5	BEE	Regular	EE/PC/B/T/215	Electrical Machines-I	3	0	100	0	Theory
6	BEE	Regular	EE/ES/B/ME/T/216	Engineering Thermodynamics & Heat Power	3	0	100	0	Theory
7	BEE	Regular	EE/PC/B/S/211	Electrical Engineering Laboratory-I	0	1.5	0	100	Sessional
8	BEE	Regular	EE/PC/B/ME/S/212	Computer Aided Drafting	0	1.5	0	100	Sessional
				TOTAL	18	3			

For	Faculty	Dept.	Course	Year	Sem
BE Odd Sem	Engg.	EE	BE	3	1

New Curriculum									
Sl. No.	Course Id	Category (elective or regular)	Subject code	Subject name	Lecture credit	Sessional or Practical Credit	Theory full marks	Sessional full marks	Subject type (eg. Theory, Practical, Sessional)
1	BEE	Regular	EE/PC/B/T/311	Electrical Machines-III	3	0	100	0	Theory
2	BEE	Regular	EE/PC/B/T/312	Power System Planning & Design	3	0	100	0	Theory
3	BEE	Regular	EE/PC/B/T/313	Linear Control System	3	0	100	0	Theory
4	BEE	Regular	EE/PC/B/T/314	Power Electronics	3	0	100	0	Theory
5	BEE	Regular	EE/PC/B/T/315	Introduction to Statistical & Probabilistic Methods	3	0	100	0	Theory
6	BEE	Regular	EE/PC/B/T/316	Programmable Logic & Microcontroller	3	0	100	0	Theory
7	BEE	Regular	EE/PC/B/S/311	Electrical Engineering Laboratory-III	0	1.5	0	100	Sessional
8	BEE	Regular	EE/PS/B/S/312	Electrical Machine Design-I	0	1.0	0	100	Sessional
9	BEE	Regular	EE/PS/B/S/313	Modeling & Digital Simulation Laboratory	0	1.5	0	100	Sessional
					18	4.0			

For	Faculty	Dept.	Course	Year	Sem
BE Odd Sem	Engg.	EE	BE	4	1

New Curriculum									
Sl. No.	Course Id	Category (elective or regular)	Subject code	Subject name	Lecture credit	Sessional or Practical Credit	Theory full marks	Sessional full marks	Subject type (eg. Theory, Practical, Sessional)
1	BEE	Regular	EE/PC/B/T/411	Power System Protection & Switchgear	3	0	100	0	Theory
2	BEE	Regular	EE/PC/B/T/412	Principles of Communication Engineering & Computer Networks	3	0	100	0	Theory
3	BEE	Elective	EE/PE/B/T/413	Elective Paper-I	3	0	100	0	Theory
4	BEE	Honours	EE/PE/H/T/414	**Honours Paper III (Basket-3)**	**4**	0	100	0	Theory
5	BEE	Honours	EE/PE/H/T/415	**Honours paper IV (Basket-4)**	**4**	0	100	0	Theory
6	BEE	Elective	----------	Open Elective-I	3	0	100	0	Theory
7	BEE	Regular	EE/PC/B/S/411	Electrical Engineering Laboratory-V	0	1.5	0	100	Sessional
8	BEE	Regular	EE/PS/B/S/412	Elective Project & Computation-I	0	1.5	0	100	Sessional
9	BEE	Regular	EE/PS/B/S/413	Seminar-I	0	1.5	0	100	Sessional
10	BEE	Regular	EE/PS/B/S/414	Electrical Machine Design-II	0	1.0	0	100	Sessional
11	BEE	Regular	EE/PC/B/S/415	General Viva-Voce	0	2.0	0	100	Sessional
					12 + **8**	7.5			

	Elective Paper-I
EE/PE/B/T/413A	DIGITAL CONTROL TECHNIQUES
EE/PE/B/T/413B	HIGH VOLTAGE TECHNIQUE – I
EE/PE/B/T/413C	SPECIAL ELECTRICAL MACHINES & DRIVES
EE/PE/B/T/413D	ADVANCED INSTRUMENTATION-I
EE/PE/B/T/413E	ADVANCED POWER SYSTEMS ANALYSIS
EE/PE/B/T/413F	ILLUMINATION SCIENCE AND LIGHTING DESIGN

	Honours Paper III (Basket-3)
EE/PE/H/T/414A	Introduction to Nano-BioTechnology
EE/PE/H/T/414B	Solid State Lighting Systems
*	SWAYAM-NPTEL MOOCs Course

	Honours Paper IV (Basket-4)
EE/PE/H/T/415A	Principles of Software Engineering
EE/PE/H/T/415B	Reliability Engineering
*	SWAYAM-NPTEL MOOCs Course