

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

**new
Curric**

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	BS/MTH/T122	Mathematics- II	4	0	100	0	Theory
2	BEE	Regular	ES/EE/T101B	Basic Electrical Engineering	4	0	100	0	Theory
3	BEE	Regular	ES/BE/T102A	Basic Electronics	4	0	100	0	Theory
4	BEE	Regular	ES/CM/TP104A	Computer Programming & Numerical Method	5.5	0	100	100	Practical
5	BEE	Regular	ES/EL/P105B	Electrical & Electronics Laboratory	0	1.5	0	100	Practical
6	BEE	Regular	ES/ED/P106B	Engineering Drawing	0	2	0	100	Practical
TOTAL					17.5	3.5			

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BE	Engg.	EE	BE	2	2

Even
Sem

New Curriculum		Category (elective or regular)	Subject code	Subject name	Lecture credit	Sessional or Practical	Theory full marks	Sessional full marks	Subject type (eg. Theory, Practical, Sessional)
Sl. No.	Course Id								
1	BEE	Regular	EE/PC/B/T/221	Electrical Instrumentation	3	0	100	0	Theory
2	BEE	Regular	EE/PC/B/T/222	Electrical Machines-II	3	0	100	0	Theory
3	BEE	Regular	EE/PC/B/T/223	Power Supply Systems	3	0	100	0	Theory
4	BEE	Regular	EE/PC/B/T/224	Digital Signal Processing	3	0	100	0	Theory
5	BEE	Regular	EE/PC/B/T/225	Sequential Systems & Microprocessors	3	0	100	0	Theory
6	BEE	Regular	EE/PC/B/T/226	Field Theory	3	0	100	0	Theory
7	BEE	Regular	EE/PC/B/S/221	Electrical Engineering Laboratory-II	0	1.5	0	100	Sessional
8	BEE	Regular	EE/PC/B/S/222	Circuits Laboratory	0	1.5	0	100	Sessional
TOTAL					18	3			

For	Faculty	Dept.	Course	Year	Sem
BE Even Sem	Engg.	EE	BE		3 2

New Curriculum

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1	BEE	Regular	EE/PC/B/T/321	Power System Performance	3	0	100	0	Theory
2	BEE	Regular	EE/PC/B/T/322	High Voltage Engineering	3	0	100	0	Theory
3	BEE	Regular	EE/PC/B/T/323	Electrical Utilization & Illumination	3	0	100	0	Theory
4	BEE	Regular	EE/PC/B/T/324	Electrical Drives	3	0	100	0	Theory
5	BEE	Regular	EE/PC/B/T/325	Process Instrumentation & Control	3	0	100	0	Theory
	BEE	Honours	EE/PE/H/T/326	Honours Paper I (Basket-1)	4	0	100	0	Theory
6	BEE	Honours	EE/PE/H/T/327	Honours Paper II (Basket-2)	4	0	100	0	Theory
7	BEE	Regular	EE/PC/B/S/321	Electrical Engineering Laboratory-IV	0	1.5	0	100	Sessional
8	BEE	Regular	EE/PS/B/S/322	Power Electronics Design & Laboratory	0	1.5	0	100	Sessional
9	BEE	Regular	EE/PS/B/S/323	Power System Design	0	1.0	0	100	Sessional
10	BEE	Regular	EE/PC/B/S/324	Microprocessor & Microcontroller Laboratory	0	1.5	0	100	Sessional
TOTAL					15 + 8	5.5			

Honours Paper I (Basket-1)		Honours Paper II (Basket-2)	
EE/PE/H/ T/326A	Non-Linear & Optimal Control	EE/PE/H/T/ 327A	Bio-medical Instrumentation
EE/PE/H/ T/326B	Condition Monitoring of Electrical Systems	EE/PE/H/T/ 327B	Energy Systems
*	SWAYAM-NPTEL MOOCS Course	*	SWAYAM-NPTEL MOOCS Course

For	Faculty	Dept.	Course	Year	Sem
BE Even Sem	Engg.	EE	BE	4	2

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	Elective	EE/PE/B/T/421	Elective Paper-II	3	0	100	0	Theory
3	BEE	Regular	EE/HS/B/T/422	Economics and Industrial Management	3	0	100	0	Theory
2	BEE	Honours	EE/PE/H/T/423	Honours Paper V (Basket-5)	4	0	100	0	Theory
4	BEE	Elective	-----	Open Elective-II	3	0	100	0	Theory
5	BEE	Regular	EE/PC/B/S/421	Electrical Engineering Laboratory-VI	0	1.5	0	100	Sessional
6	BEE	Regular	EE/PS/B/S/422	Elective Project & Computation-II	0	1.5	0	100	Sessional
7	BEE	Regular	EE/PS/B/S/423	Seminar-II	0	1.5	0	100	Sessional
8	BEE	Regular	EE/PS/B/S/424	Electrical Machine Design-III	0	1.0	0	100	Sessional
TOTAL					9 + 4	5.5			

Elective Paper-II	
EE/PE/B/T/421A	Advanced Control Theory
EE/PE/B/T/421B	High Voltage Technique - II
EE/PE/B/T/421C	Advanced Electrical Machine Modelling & Analysis
EE/PE/B/T/421D	Advanced Instrumentation-II
EE/PE/B/T/421E	Advanced Topics in Power Systems
EE/PE/B/T/421F	Advanced Lighting Calculation and Design

Honours Paper V (Basket-5)	
EE/PE/H/T/423A	Advanced Computing Techniques
*	SWAYAM-NPTEL MOOCS Course
*	SWAYAM-NPTEL MOOCS Course