SCHOOL OF ENGINEERING AND TECHNOLOGY
SRI PADMAVATI MAHILA VISVAVIDYALAYAM
SCHEME OF INSTRUCTION AND EVALUATION OF B.TECH (ECE)
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
R23 - REGULATIONS
LIST OF OPEN ELECTIVES OFFERED BY ECE TO OTHER DEPARTMENTS

OPEN ELECTIVE-I

III - I

S.No	Course Code	Course Title
1	23ECT27	Digital Circuits
2	23ECT30	Principles of Signal Processing
3	23ECT31	Microcontrollers and Applications

OPEN ELECTIVE-II

III - II

S.No	Course Code	Course Title
1	23ECT32	Principles of Communication Engineering
2	23ECT33	Transducers and Sensors
3	23ECT16	Electronic Measurements and Instrumentation

OPEN ELECTIVE-III

IV - I

S.No	Course Code	Course Title
1	23ECT14	Information Theory and Coding
2	23ECT20	Digital Image Processing
3	23ECT34	Fundamentals of Communication Networks

OPEN ELECTIVE-IV

IV - I

S.No	Course Code	Course Title
1	23ECT25	Internet of Things & Applications
2	23ECT17	Embedded Systems
3	23ECT23	Wireless sensor networks

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LIST OF OPEN ELECTIVES OFFERED BY OTHER DEPARTMENTS TO ECE

OPEN ELECTIVE - I

S.No	Course Code	Course Title	Offering Department
1	23EET25	Renewable Energy Sources	EEE
2	23EET26	Concepts of Control systems	
3	23EET27	Concepts of Energy Auditing & Management	
4	23CST09	Artificial Intelligence	CSE
5	23CST14	Cryptography & Network Security	
6	23CST35	HTML&CSS	
7	23MET28	Sustainable Energy Technologies	MECH
8	23MET29	Applied Operations Research	
9	23MET30	Nano Technology	
10	23MET31	Thermal Management of Electronic systems	
11	23MET32	Entrepreneurship	
12	23MUP01	Music-Vocal	BS&H

OPEN ELECTIVE - II

S.No	Course Code	Course Title	Offering Department
1	23EET28	Fundamentals of utilization of Electrical Energy	EEE
2	23EET29	Fundamentals of Power Electronics	
3	23EET30	Concepts of Power System Engineering	
4	23CST25	Deep Learning	CSE
5	23CST26	Information Security	
6	23CST36	Java Script	
7	23MET33	Introduction to Industrial Robotics	MECH
8	23MET34	Work study and Industrial Ergonomics	
9	23MET35	Customer Relationship Management	
10	23MET36	Hybrid Vehicles	
11	23MET37	Industrial Safety	
12	23MUP02	Dance - Bharatnatyam	BS&H

OPEN ELECTIVE - III

S.No	Course Code	Course Title	Offering Department
1	23EET31	Fundamentals of Electric Vehicles	EEE
2	23EET32	Battery Management Systems and Charging Stations	
3	23EET33	Concepts of Smart grid Technologies	
4	23CST13	Machine Learning	CSE
5	23CST30	Cyber Security	
6	23CST37	React	
7	23MET38	3D Printing Technologies	MECH
8	23MET39	Introduction to Mechatronics	
9	23MET40	Robot programming	
10	23MET41	Product design and development	
11	23MET42	Digital Marketing Management	
12	23BST16	LSRW Skills	BS&H

OPEN ELECTIVE - IV

S.No	Course Code	Course Title	Offering Department
1	23EET34	Concepts of Power quality	EEE
2	23EET35	Intelligent Control systems	
3	23EET36	Electric Drives	
4	23CST24	Cloud Computing	CSE
5	23CST29	Blockchain Technologies	
6	23CST21	DevOps	
7	23MET43	Optimization Techniques	MECH
8	23MET44	Advanced Manufacturing Systems	
9	23MET45	Total Quality Management	
10	23MET46	Operations Management	
11	23MET47	Energy Auditing	
12	23HMT06	Data Analytics for Decision Making	BS&H

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ChaBOS Chairman
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Director,SoET
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