

Department of Electrical Engineering
List of CBCS Courses

• **B.Tech. (Electrical Engineering)**

S.No.	Semester	Course	Credit
1.	III	EE-305: Electromagnetic Field Theory	4
2.	IV	EE-405: Computer Architecture	4
3.	V	EE-506: Electrical Power Generation	4
4.	VI	Elective-I (EE-607: Digital Communication/ EE-608: Programmable logic controller/ EE-609: Data Structure)	4
5.	VII	EE-705: Soft Computing	4
6.	VIII	EE-801: Engineering Economics and Industrial Management	4

• **M.Tech. (EPSM)**

S.No.	Semester	Course	Credit
1.	I	EEM-101: Intelligent Techniques	4
2.	II	EEM-201: Optimization Techniques	4
3.	III	Elective –V: (EEM-308 Smart Grid Technologies/EEM309 EHVAC and DC Transmission)	4

• **M.Tech. (CIS)**

S.No.	Semester	Course	Credit
1.	I	EEM-101: Intelligent Techniques	4
2.	II	EEM-201: Optimization Techniques	4
3.	III	Elective –VI: (EEM-303 Multi Sensor Data Fusion/EEM-304 Biomedical Instrumentation/EEM-305 Non Linear Control System/ EEM-306 Advanced Power Electronics)	4