

List of Open Electives for Institute CBCS Batch finalized in the meeting of all program coordinators on 22/03/2017

Sr. No.	Course Code	Course Name	Prerequisites	Eligible Students from Departments	Credits T-T-P	Offered Semester	Suggested by Department
1	MA 2002	Mathematical Transforms	MA 2001	All Departments	3-0-0	Even	Mathematics Department
2	MA 2003	Vector Calculus and Functions of Complex Variable	No	All Departments	3-0-0	Even	
3	MA 3001	Numerical Methods for Engineering	MA 2001	All Departments	2-0-1	Odd	
4	MA 3002	Statistical Methods	No	All Departments	3-0-0	Odd	
5	ME 2XXX	Total Quality Management	No	Other than Mechanical Engineering Department	3-0-0	Odd	Mechanical Engineering Department
6	ME 3XXX	Quality Management Systems	No		3-0-0	Even	
7	ME 4XXX	Costing & Cost Estimation	No		3-0-0	Odd	
8	ME 4XXX	Renewable Energy Engineering	No		3-0-0	Even	ME & EE Deptt
9	ME 3XXX	Entrepreneurship Development	No		3-0-0	Odd	
10	CS20XX	Web Development	No	Other than CSE & IT Department	3-0-0	Odd	Computer Engineering Department
11	CS30XX	Enterprise Information System	NO		3-0-0	Odd	
12	CS30XX	Advance C & C++ programming	CS1001		3-0-0	Even	
13	CS40XX	Java Programming	CS1001		3-0-0	Even	
14	CS40XX	Internet Of Things	No		3-0-0	Odd	
15	CS2XXX	Introduction to C & C++	No	Not for CSE,IT & CS1001	3-0-0	Odd	Computer, IT Department
16	IT2016	Basics of Data Structures	No	Not For CSE,IT	3-0-0	Even	IT Department
17	IT2017	Basics of Cyber Security	No	Not For CSE,IT	3-0-0	Even	IT Department
18	IT3020	Principle of Programming Language	CS1001	Not For CSE,IT,12,13,15	3-0-0	Even	IT Department
19	IT3021	Object Oriented Modeling and Design	CS1001	Other Than CSE	3-0-0	Odd	IT Department
20	CEXXXX	Rural Technology	No	All	3-0-0	Odd	Civil Department EO: Civil & Electrical
21	CEXXXX	Disaster Management	NO		3-0-0	Odd	
22	CEXXXX	Watershed Management	No		3-0-0	Even	
23	CEXXXX	Fundamentals of Finite Element Method	No		3-0-0	Odd	
24	CEXXXX	Engineering Optimization	No		3-0-0	Odd	
25	ETXXXX	Introduction to MEMS	No	Other than ETX	3-0-0	Even	Electronics Department
26	ETXXXX	Introduction to Image Processing	No	Other than ETX	3-0-0	Even	
27	ETXXXX	Multimedia Forensic	No	All	3-0-0	Even	
28	ETXXXX	Consumer Electronics	No	Other than ETX	3-0-0	Odd	
29	ETXXXX	Microcontroller Applications	No	Other than ETX	3-0-0	Odd	
30	ETXXXX	Introduction to signals & systems				Even	
31	ETXXXX	Industrial Automation Applications		Other than ETX	3-0-0	Odd	
32	EEXXXX	Modeling and simulation	No	All	3-0-0	Odd	Electrical Engineering
33	EEXXXX	Evolutionary algorithms for optimization	MA1001,2 MA2001	All	3-0-0	Even	
34	EEXXXX	Energy and Environment	No	All	3-0-0	Odd	
35	EEXXXX	Renewable energy technology	No	All	3-0-0	Even	