List of Electives

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S. No.	Subject	Code	L	T	P	Credits
1.	Green Computing	ITT001	3	0	0	3
2.	Management Information Systems	ITT002	3	0	0	3
3.	Geographic Information System	ITT003	3	0	0	3
4.	E-Health	ITT004	3	0	0	3
5.	Bioinformatics	ITT005	3	0	0	3
6.	Biometrics and Network Security	ITT006	3	0	0	3
7.	Software Project Management	ITT007	3	0	0	3
8.	Cyber Security & Forensics	ITT008	3	0	0	3
9.	Pervasive Computing	ITT009	3	0	0	3
10.	System Design	ITT010	3	0	0	3
11.	Advanced Image Processing	ITT011	3	1	0	4
12.	Virtualization and Cloud	ITT012	3	1	0	4
13.	Ad hoc & Wireless Sensor Networks	ITT013	3	1	0	4
14.	Natural Algorithms	ITT014	3	1	0	4
15.	Natural Language Processing	ITT015	3	1	0	4
16.	Network Management & administration	ITT016	3	1	0	4
17.	Distributed Computing	ITT017	3	1	0	4
18.	Advanced Artificial Intelligence	ITT018	3	1	0	4
19.	Foundations of Automatic Verification	ITT019	3	1	0	4
20.	Realtime Operating System	ITT020	3	1	0	4
21.	Advanced Database Management Systems	ITT021	3	1	0	4
22.	Deep learning	ITT022	3	1	0	4
23.	High Performance Computing	ITT023	3	1	0	4
24.	Synthesis of Digital Systems	ITT024	3	1	0	4
25.	Advanced Algorithms	ITT025	3	1	0	4
26.	Advanced Computer Networks	ITT026	3	1	0	4
27.	Simulation using Matlab and Python	ITL027	1	0	4	3
28.	Blockchain	ITT028	2	0	2	3
29.	Object Oriented Programming using JAVA	ITT029	2	0	2	3
30.	Digital Signal Processing	ITT030	3	1	0	4
31.	Introduction to Logic and Functional Programming	ITT031	3	1	0	4
32.	Advanced Computer Graphics	ITT032	3	1	0	4
33.	Embedded Systems	ITT033	3	0	2	4
34.	Computer vision and Robotics	ITT034	3	0	2	4
35.	Expert Systems	ITT035	3	0	2	4
36.	Open Source and Software development	ITT036	3	0	2	4
37.	Internet of Things	ITT037	3	0	2	4

List of electives from other Departments

S. No.	Subject	Code
1.	Compiler Design	CS0
2.	VLSI Design	EC0
3.	Operations Research	MA0
4.	Optimization Techniques	MA0
5.	Mathematical Modeling & Simulations	MA0
6.	Numerical Methods	MA0

* Electives relevant to the coursework offered by other departments may also be included