List of Electives

No.	Course code	Course title
Stream I - Networks and Security
1	CSTxxx	Wireless Networks
2	CSTxxx	Wireless Sensor Networks
3	CSTxxx	High Speed Computing Networks
4	CSTxxx	Network Reliability and Performance Models
5	CSTxxx	Mobile Network Security
6	CSTxxx	Cyber Forensics and Security
7	CSTxxx	Advanced Cryptography Techniques
8	CSTxxx	**Malware Analysis and Detection**
9	CSTxxx	Advanced Computer Networks
10	CSTxxx	Random Variables and Stochastic Processes

No.	Course code	Course title
Stream II - Data Science
1	CSTxxx	Advanced Databases
2	CSTxxx	Data Warehousing and Data Mining
3	CSTxxx	Pattern Recognition and Image Processing
4	CSTxxx	Neural Networks
5	CSTxxx	**Machine Learning**
6	CSTxxx	**Natural Language Processing**
7	CSTxxx	Distributed Systems
8	CSTxxx	Computational Biology
9	CSTxxx	Mobile Computing
10	CSTxxx	Big Data Analytics

Stream I - Networks and Security

No.	Course code	Course title
1	CSTxxx	Wireless Networks
2	CSTxxx	Wireless Sensor Networks
3	CSTxxx	High Speed Computing Networks
4	CSTxxx	Network Reliability and Performance Models
5	CSTxxx	Mobile Network Security
6	CSTxxx	Cyber Forensics and Security
7	CSTxxx	Advanced Cryptography Techniques
8	CSTxxx	**Malware Analysis and Detection**
9	CSTxxx	Advanced Computer Networks
10	CSTxxx	Random Variables and Stochastic Processes

Stream II - Data Science

No.	Course code	Course title
1	CSTxxx	Advanced Databases
2	CSTxxx	Data Warehousing and Data Mining
3	CSTxxx	Pattern Recognition and Image Processing
4	CSTxxx	Neural Networks
5	CSTxxx	**Machine Learning**
6	CSTxxx	**Natural Language Processing**
7	CSTxxx	Distributed Systems
8	CSTxxx	Computational Biology
9	CSTxxx	Mobile Computing
10	CSTxxx	Big Data Analytics

Stream III - Computer Systems

No.	Course code	Course title
1	CSTxxx	Software Project Management
2	CSTxxx	Software Testing and Validation
3	CSTxxx	Real Time Systems
4	CSTxxx	Robotics and Control
5	CSTxxx	Embedded Systems
6	CSTxxx	**Artificial Intelligence and Expert Systems**
7	CSTxxx	Optimization Techniques
8	CSTxxx	Functional Programming
9	CSTxxx	Computer Vision
10	CSTxxx	Multi-Core Architecture Systems

Stream IV - Electronics and Communications

No.	Course code	Course title
1	ECTxxx	Mobile Communication
2	ECTxxx	VLSI Design
3	ECTxxx	Cognitive Radio Networks
4	ECTxxx	Control Systems
5	ECTxxx	**Digital Signal Processing**
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List of Open Electives

Sr No.	Course code	Course title
1	OTT4xx	Indian Economics - Problems and Policies
2	OTT4xx	International Economics
3	OTT4xx	Comtemporary Topics in India
4	OTT4xx	Creativity, Innovation and Design in Engineering

List of Elective Labs

Sr No.	Course code	Course title
1	CSPxxx	IoT Lab
2	CSPxxx	Software Lab
3	CSPxxx	Security Lab
4	CSPxxx	Linux Internals Lab