

B.Tech IOT and CS including Block Chain - 5th Semester

Sr. No.	Course Code	Course Name	Type
1	BTES 504-20	Information Theory and Coding	Engineering Science
2	BTCS 501-18	Database Management Systems	Professional Core Courses
3	BTCS 502-18	Formal Language & Automata Theory	Professional Core Courses
4	BTITCS 501-20	Internet of Things	Professional Core Courses
5	BTCS 504-18	Computer Networks	Professional Core Courses
6	BTITCS XXX-18	Elective-I	Professional Elective
7	MC	Constitution of India / Essence of Indian Traditional Knowledge	Mandatory Courses
8	BTCS 505-18	Database Management Systems Lab	Professional Core Courses
9	BTITCS 502-20	Internet of Things Lab	Professional Core Courses
10	BTCS 507-18	Computer Networks Lab	Professional Core Courses
11	BTCS XXX-18	Elective-I Lab	Professional Elective

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12	—	Industrial Training	Professional Training
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B.Tech IOT and CS including Block Chain - 6th Semester

Sr. No.	Course Code	Course Name	Type
1	BTCS 701-18	Network Security & Cryptography	Professional Core Courses
2	BTITCS 601-20	Digital Forensics	Professional Core Courses
3	BT* UUU-18	Elective-II	Professional Elective Courses
4	BT* YYY-18	Elective-III	Professional Elective Courses
5	BTOE ***	Open Elective-I	Open Elective Courses
6	BTCS 603-18	Project-1	Project
7	BTITCS 602-20	Network Security & Cryptography Lab	Professional Core Courses
8	BTITCS 603-20	Digital Forensics Lab	Professional Core Courses
9	BTCS UUU-18	Elective-II Lab	Professional Elective Courses
10	BTCS YYY-18	Elective-III Lab	Professional Elective Courses

LIST OF ELECTIVES

Elective I

Course Code	Course Name
BTITCS503-20	Web Technologies
BTITCS504-20	Web Technologies Lab
BTAIML501-20	Programming in Python
BTAIML503-20	Programming in Python Lab
BTAIML509-20	Java Programming
BTAIML510-20	Java Programming Lab

Elective II

Course Code	Course Name
BTITCS603-20	Cyber Law & IPR
BTITCS604-20	Cyber Law & IPR Lab
BTITCS605-20	Intrusion Detection System (IDS)
BTITCS606-20	Intrusion Detection System (IDS) Lab
BTCS602-18	Artificial Intelligence
BTCS605-18	Artificial Intelligence Lab

Elective III

Course Code	Course Name
BTCS618-18	Machine Learning
BTCS619-18	Machine Learning Lab
BTCS702-18	Data Mining and Data Warehouse
BTITCS607-20	Data Mining and Data Warehouse Lab
BTITCS608-20	IoT Security
BTITCS609-20	IoT Security Lab