

DRONACHARYA

College of Engineering

Khentawas, Farrukh Nagar, Gurugram, Haryana

Approved by: All India Council for Technical Education (AICTE), New Delhi

Affiliated to: Gurugram University, Gurugram

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING (IOT & CYBER SECURITY)

ACADEMIC YEAR 2023-24

SEMESTER VIII

CYBER FORENSICS AND CYBER LAWS (PCC-IOT-402G)

Course Outcome (CO)	Details of Course Outcomes
(CO1)	To have various ideas about cybercrime.
(CO2)	To have knowledge of the various issues of cybercrime.
(CO3)	To investigate and find the cybercrime.
(CO4)	To have clear idea of the various laws and acts.

BIG DATA ANALYTICS (PCC-CSE-404G)

Course Outcome (CO)	Details of Course Outcomes
(CO1)	For a given query Describe the Big Data landscape including examples of real world big data problems including the three key sources of Big Data: people, organizations, and sensor
(CO2)	For a given specification, Recognize different data elements in your own work and in everyday life problems
(CO3)	For a given specification select a data model to suit the characteristics of your data
(CO4)	For a given problem one will be able to Retrieve data from example database and big data management systems and identify when a big data problem needs data integration
(CO5)	For a given problem one will be able to design an approach to leverage data using the steps in the machine learning process and apply them to explore and prepare data for modelling.

QUANTUM CRYPTOGRAPHY (OEC-IOT-440G)

Course Outcome (CO)	Details of Course Outcomes
(CO1)	Basic understanding about Quantum Information and Computation.
(CO2)	Understand attack Strategies on QKD Protocols.
(CO3)	Analyze and understand statistical analysis of QKD Networks in Real-Life Environment.
(CO4)	Apply Quantum-cryptographic networks.

SOCIAL MEDIA SECURITY (OEC-IOT-442G)

Course Outcome (CO)	Details of Course Outcomes
(CO1)	Learn about browser's risks.
(CO2)	Learn about Social Networking, Understand the risks while using social media. Guidelines for social networking.
(CO3)	Understand how to secure different web browsers.
(CO4)	Understand how an e-mail works, learn threats involved using an email communication, safety measures while using e-mail.

QUANTUM COMPUTING (OEC-IOT-444G)

Course Outcome (CO)	Details of Course Outcomes
(CO1)	Understand basics of quantum computing
(CO2)	Understand physical implementation of Qubit
(CO3)	Understand Quantum algorithms and their implementation
(CO4)	Understand the Impact of Quantum Computing on Cryptography

