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 VII

ETHICAL HACKING (PCC-IOT-401G)

Course Outcome (CO)	Details of Course Outcomes
(CO1)	Gain the knowledge of the use and availability of tools to support an ethical hack
(CO2)	Gain the knowledge of interpreting the results of a controlled attack
(CO3)	Understand the role of politics, inherent and imposed limitations and metrics for planning of a test
(CO4)	Comprehend the dangers associated with penetration testing

Cryptocurrency With Ethereum (PCC-IOT-403G)

Course Outcome (CO)	Details of Course Outcomes
(CO1)	Cryptocurrency : Bitcoin and Ethereum
(CO2)	Building efficient blockchain models to carry out tasks with the practical approach.
(CO3)	Evaluating the use and risks involved with cryptocurrency
(CO4)	Smart contracts and their implications.

FOG COMPUTING (PEC -IOT-431G)

Course Outcome (CO)	Details of Course Outcomes
(CO1)	Become familiar with the concepts of Fog.
(CO2)	Understand the architecture and its components and working of components and its performance.
(CO3)	Explore Fog on security, multimedia and smart data.
(CO4)	Model the fog computing scenario.

INDUSTRIAL IOT (PEC-IOT-433G)

Course Outcome (CO)	Details of Course Outcomes
(CO1)	Identify the Key opportunities and benefits in Industrial IoT.
(CO2)	Apply virtual network to demonstrate the use of Cloud in Industrial IoT.
(CO3)	Analyze industrial IoT Three tier topology and data management system.
(CO4)	Summarize Legacy Industrial and Modern Communication Protocols
(CO5)	Describe Middleware Architecture, LoRaWAN- and Augmented reality.

EDGE COMPUTING (PEC-IOT-435G)

Course Outcome (CO)	Details of Course Outcomes
(CO1)	Understand use of the IoT architecture with its entities and protocols, from the IoT devices.
(CO2)	Security and privacy issues related to the area of edge computing and IoT.
(CO3)	Understand the RaspberryPi architecture and its components.
(CO4)	Work with RaspberryPi components and evaluate its performance.

FUNDAMENTALS OF MANAGEMENT (HSMC-08G)

Course Outcome (CO)	Details of Course Outcomes
(CO1)	Evolution of Management and contribution of Management thinkers.
(CO2)	Importance of staffing and training
(CO3)	The concept of material management and inventory control
(CO4)	The components of marketing and advertising
(CO5)	Various sources of finance and capital structure

DISASTER MANAGEMENT (OEC-CE-451G)

Course Outcome (CO)	Details of Course Outcomes
(CO1)	To know natural as well as manmade disaster and their extent and possible effects on the economy.
(CO2)	To Plan national importance structures based upon the previous history.
(CO3)	To acquaint with government policies, acts and various organizational structures associated with an emergency.
(CO4)	To know the simple dos and don'ts in such extreme events and act accordingly.