

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 (AI&ML)

ACADEMIC YEAR 2023-24

SEMESTER VIII

Software Engineering & Project Management (PCC-AI-402G)

Course Outcome (CO)	Details of Course Outcomes
(CO1)	Identify the process of project life cycle model and process
(CO2)	Analyze and specify software requirements through a productive working Relationship with project stakeholders
(CO3)	Design the system based on Functional Oriented and Object Oriented Approach for Software Design.
(CO4)	Develop the correct and robust code for the software products
(CO5)	Perform by applying the test plan and various testing techniques

Applied Machine Learning (PCC-AI-403G)

Course Outcome (CO)	Details of Course Outcomes
(CO1)	Identifying patterns in text using topic modeling
(CO2)	Building a speech recognizer
(CO3)	Extracting statistics from time series data,
(CO4)	Building Conditional Random Fields for sequential text data
(CO5)	Building an object recognizer

Essentials of Hadoop (OEC-AI-436G)

Course Outcome (CO)	Details of Course Outcomes
(CO1)	Understanding of Big Data problems with easy to understand examples.
(CO2)	History and advent of Hadoop right from when Hadoop wasn't even named Hadoop.
(CO3)	What is Hadoop Magic which makes it so unique and powerful.
(CO4)	Understanding the difference between Data science and data engineering, which is one of the big confusions in selecting a carrier or understanding a job role.
(CO5)	And most importantly, demystifying Hadoop vendors like Cloudera, Map R and Hortonworks by understanding about them.

Intelligent Vehicle Technology (OEC-ME-451G)

Course Outcome (CO)	Details of Course Outcomes
(CO1)	Understand the intelligent vision system used in automobiles
(CO2)	Understand the architecture of intelligent transportation system
(CO3)	Understand adaptive control techniques of an autonomous vehicle
(CO4)	Understand about the successful autonomous vehicle projects
(CO5)	Know the case studies of Autonomous vehicle

Hybrid and Electrical Vehicle (OEC-ME-452G)

Course Outcome (CO)	Details of Course Outcomes
(CO1)	Learn the basic concepts of electric vehicle technology and electric vehicles.
(CO2)	Develop and analyze hybrid and electric drive trains.
(CO3)	Interpret various vehicle power sources in hybrid vehicle technology
(CO4)	Analyze data to determine appropriate design calculations of hybrid system under study.

(CO5)

Apply the concepts in sizing the electric motors