Vidya Vikas Education Trust's
Universal College of Engineering, Kaman Road, Vasai-401208
Accredited B+ Grade by NAAC

DEPARTMENT OF COMPUTER ENGINEERING

Academic year: 2023-24 **Semester: VII** **Branch: Computer**

Course Code	Course Name	COs
CSC701	**Machine Learning**	Student will be able to: **CO1**. To acquire fundamental knowledge of developing machine learning models. **CO2**. To select, apply and evaluate an appropriate machine learning model **CO3**. To demonstrate ensemble techniques to combine predictions from different models. **CO4**. To demonstrate the dimensionality reduction techniques.
CSC702	**Big Data Analysis**	Student will be able to: **CO1**. Understand the building blocks of Big Data Analytics **CO2**.Apply fundamental enabling techniques like Hadoop and Map Reduce in solving real world problems **CO3**. Understand different NoSQL systems and how it handles big data. **CO4**. Understand different NoSQL systems and how it handles big data. **CO5**. Achieve adequate perspectives of big data analytics in various applications like recommender systems, social media applications, etc **CO6**. Apply statistical computing techniques and graphics for analyzing big data.
CSDC7013	**Natural Language Processing**	Student will be able : **CO1**. To describe the field of natural language processing **CO2**. To design language model for word level analysis for text processing. **CO3**. To design various POS tagging techniques and parsers. **CO4**. To design, implement and test algorithms for semantic and pragmatic analysis. **CO5**. To formulate the discourse segmentation and anaphora resolution **CO6**. To apply NLP techniques to design real world NLP applications

Vidya Vikas Education Trust's
Universal College of Engineering, Kaman Road, Vasai-401208
Accredited B+ Grade by NAAC

DEPARTMENT OF COMPUTER ENGINEERING

Academic year: 2023-24 **Semester: VII** **Branch: Computer**

CSDC7022	**Block chain**	Student will be able to: **CO1**. Explain blockchain concepts. **CO2.** Apply cryptographic hash required for blockchain. **CO3.** Apply the concepts of smart contracts for an application **CO4.** Design a public blockchain using Ethereum **CO5.**Design a private blockchain using Hyperledger **CO6.**Use different types of tools for blockchain applications
CSDC7023	**Information Retrieval**	Student will be able to: **CO1**. Define and describe the basic concepts of the Information retrieval system. **CO2**.Design the various modeling techniques for information retrieval systems. **CO3**. Understand the query structure and various query operations **CO4**.Analyzing the indexing and scoring operation in information retrieval systems **CO5**. Perform the evaluation of information retrieval systems **CO6.** Analyze various information retrieval for real world application .
ILO 7013	**Management Information System**	Student will be able to: **CO1**. Explain how information systems Transform Business **CO2**. Identify the impact information systems have on an organization **CO3**. Describe IT infrastructure and its components and its current trends **CO4**. Understand the principal tools and technologies for accessing information from databases to improve business performance and decision making **CO5**. Identify the types of systems used for enterprise-wide knowledge management and how they provide value for businesses

Vidya Vikas Education Trust's
Universal College of Engineering, Kaman Road, Vasai-401208
Accredited B+ Grade by NAAC

DEPARTMENT OF COMPUTER ENGINEERING

Academic year: 2023-24 **Semester: VII** **Branch: Computer**

ILO7016	**Cyber Security and Laws**	Student will be able to: **CO1**. Understand the concept of cybercrime and its effect on outside world **CO2**.Interpret and apply IT law in various legal issues **CO3**. Distinguish different aspects of cyber law **CO4**.Apply Information Security Standards compliance during software design and development