

B.TECH.8thSEM

Course: R PROGRAMMING

Course Code: PCC-IT-402 G

Course Outcome (CO)	Details of Course Outcomes
(CO1)	Explain critical R programming concepts
(CO2)	Demonstrate how to install and configure R Studio
(CO3)	Apply OOP concepts in R programming
(CO4)	Explain the use of data structure and loop functions
(CO5)	Analyze data and generate reports based on the data

Course: Big Data Analytics

Course Code: 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)	To design an approach to leverage data using the steps in the machine learning process and apply them to explore and prepare data for modeling.

Course: Wireless Adhoc and Sensor Network
(Open Elective-II) Course Code: OEC-ECE-430G

Course Outcome (CO)	Details of Course Outcomes
(CO1)	Understand the needs of Wireless Adhoc and Sensor Network in current scenario.
(CO2)	Describe current technology trends for the implementation and deployment of wireless Adhoc/sensor networks.
(CO3)	Discuss the challenges in designing MAC, routing.
(CO4)	Transport protocols for wireless Ad-hoc/sensor networks
(CO5)	Explain the principles and characteristics of wireless sensor networks.

Course: Big Data Analytics Lab
Course Code: LC-CSE-410G

Course Outcome (CO)	Details of Course Outcomes
(CO1)	To Describe the key issues in Big Data Management and experiment with the Hadoop framework.
(CO2)	To Explain the structure and unstructured data by using No SQL commands.
(CO3)	To Apply scientific computing algorithms for finding similar items and clustering.
(CO4)	To Test fundamental enabling techniques and scalable algorithms for data stream mining.
(CO5)	To Develop problem solving and critical thinking skills in fundamental enable techniques like Hadoop &Map Reduce.

Course: R Programming Lab
Course Code: LC-IT-420G

Course Outcome (CO)	Details of Course Outcomes
(CO1)	Understanding the types, classes and functions of R Programming.
(CO2)	Accessing and Processing of Data.
(CO3)	Understanding the I/O interface programming.
(CO4)	Study and Analyze Data Visualization.
(CO5)	Implement any application level simulation using R

Course: PROJECT-III

Course Code: PROJ-CSE-422G

Course Outcome (CO)	Details of Course Outcomes
(CO1)	To Define the problem identification, requirements and analyze the feasibility.
(CO2)	To Demonstrate knowledge, skills of professional engineer and applying hypothesis on Problem.
(CO3)	To Design and develop the solution for real-life engineering problems.
(CO4)	To Evaluate the developed system to solve real world problems.
(CO5)	Ability to use formal & informal communication with team members and guide.