# B.TECH.8thSEM

## Course: BASICS OF MACHINE LEARNING Course Code: PCC-CSE-402G

| Course Outcome (CO) | Details of Course Outcomes |
|---|---|
| (CO1) | Understand fundamental issues and challenges of supervised and unsupervised learning techniques. |
| (CO2) | Extract features that can be used for a particular machine learning approach |
| (CO3) | To compare and contrast pros and cons of various machine learning techniques and to get an insight of when to apply a particular machine learning approach. |
| (CO4) | To mathematically analyze various machine learning approaches and paradigms. |
| (CO5) | To learn the basic concept of machine learning and types of machine learning. |

## 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. |

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| **(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: Machine Learning with Python Lab Course Code: LC-CSE-412G

| Course Outcome (CO) | Details of Course Outcomes |
|---|---|
| **(CO1)** | **To Describe the implementation procedures for the Machine Learning algorithms.** |
| **(CO2)** | **To Apply appropriate data sets to the Machine Learning algorithms.** |
| **(CO3)** | **To Use Machine Learning algorithms to solve real-world problems.** |
| **(CO4)** | **To Outline predictions using machine learning algorithms.** |
| **(CO5)** | **To Design Java/Python programs for various Machine Learning algorithms.** |

**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. |