



BAPATLA WOMEN'S ENGINEERING COLLEGE :: BAPATLA
AN ISO 9001-2015 CERTIFIED INSTUTION
APPROVED BY AICTE
DEPARTMENT OF AI&ML

Course Outcomes

Class: III/IV AI&ML

A.Y: 2023-24

SUB /code: Knowledge Representation & Reasoning /AM311 -R20

CO No.	Course Outcome Statement	Bloom's Taxonomy	Bloom's Taxonomy Level
AM 311.1	Analyze and design knowledge based systems intended for computer implementation	Analyze	L4
AM 311.2	Acquire theoretical knowledge about principles for logic-based representation and reasoning	Understand	L2
AM 311.3	Ability to understand knowledge-engineering process	Understand	L2
AM 311.4	Ability to implement production systems, frames, inheritance systems and approaches to handle uncertain or incomplete knowledge	Apply	L3

Course Outcomes

Class/ Branch: III/IV AI&ML

Sub/Code: ML/AM312 –R20

Academic Year: 2023-2024

CO No.	Course Outcome Statement	Bloom's Taxonomy	Bloom's Taxonomy Level
C312.1	Be able to recognize the basic concepts techniques and the need for Machine learning techniques for solving real world problems.	Understand Apply	L2 L3
C312.2	To illustrate the use of supervised learning algorithms	Analyze Apply	L4 L3
C312.3	Apply classification techniques to make good predictions	Apply	L3
C312.4	To understand, learn and design simple artificial neural networks for the selected problem	Understand	L2
C312.5	Illustrate the relation between a sequence of observations and a sequence of hidden classes or hidden states that explain the observations.	Analyze	L4



BAPATLA WOMEN'S ENGINEERING COLLEGE :: BAPATLA
AN ISO 9001-2015 CERTIFIED INSTUTION
APPROVED BY AICTE
DEPARTMENT OF AI&ML

Course Outcomes

Class/ Branch: III/IV AI&ML Sub/Code: DBMS/CS313-R20 Academic Year: 2023-2024

CO No.	Course Outcome Statement	Bloom's Taxonomy	Bloom's Taxonomy Level
C313.1	Understand the concept of complexity analysis for algorithms and using Divide and Conquer approach for problem solving.	Understand Apply	L2 L3
C313.2	Apply algorithm design principles by using Greedy method for fractional knapsack and real world problems like shortest path.	Apply	L3
C313.3	Analyze and design Dynamic Programming, back tracking and branch and bound techniques in common engineering design situations like TSP and N-Queens.	Analyze	L4
C313.4	Understand NP class problems and formulate solutions using standard approaches.	Understand	L2

Course Outcomes

Class/ Branch: III/IV AI&ML

Academic Year: 2023-2024

Sub/Code: NLP/AM314/1-R20

CO No.	Course Outcome Statement	Bloom's Taxonomy	Bloom's Taxonomy Level
C314.1	Understand linguistic phenomena and learn to model them with formal grammars.	Understand	L2
C314.2	Manipulate probabilities, construct statistical models over strings and trees.	Apply	L3
C314.3	Analyze the syntax, semantics, and pragmatics of a statement written in a natural language.	Analyze	L4
C314.4	Extract information from text automatically using concepts and methods from natural language processing (NLP) including stemming, n-grams, POS tagging, and parsing.	Apply	L3
C314.5	Understand the design, implementation, and analysis of NLP algorithms.	Understand	L2



BAPATLA WOMEN'S ENGINEERING COLLEGE :: BAPATLA
AN ISO 9001-2015 CERTIFIED INSTUTION
APPROVED BY AICTE
DEPARTMENT OF AI&ML

Course Outcomes

Class/ Branch: III/IV AI&ML

Sub/Code: COMPUTER NETWORKS /AM315-R20

Academic Year: 2023-2024

CO No.	Course Outcome Statement	Bloom's Taxonomy	Bloom's Taxonomy Level
C315.1	Explain basic concepts, OSI reference model, services and role of each layer of OSI model and TCP/IP, networks devices and transmission media, Analog and digital data transmission	Understand	L2
C315.2	Apply channel allocation, framing, error and flow control techniques.	Apply	L3
C315.3	Describe the functions of Network Layer i.e. Logical addressing, subnetting& Routing Mechanism.	Understand Analyze	L2 L3
C315.4	Explain the different Transport Layer function i.e. Port addressing, Connection Management, Error control and Flow control mechanism.	Understand Analyze	L2 L3
C315.5	Explain the different protocols used at application layer i.e. HTTP, SNMP, SMTP, FTP, TELNET and VPN.	Understand	L2

Course Outcomes

Class/ Branch: III/IV AI&ML

Sub/Code: ML Lab /AM315-R20

Academic Year: 2023-2024

CO No.	Course Outcome Statement	Bloom's Taxonomy	Bloom's Taxonomy Level
C351.1	Understand the basic concepts and techniques of Machine Learning.	Understand	L2
C351.2	Design and apply regression methods.	Apply	L3
C351.3	Apply classification methods.	Apply	L3
C351.4	Apply clustering methods.	Apply	L3



BAPATLA WOMEN'S ENGINEERING COLLEGE :: BAPATLA
AN ISO 9001-2015 CERTIFIED INSTUTION
APPROVED BY AICTE
Course Outcomes

Class/ Branch: III/IVAI&ML

Sub/Code: DBMS LAB/AM352 –R20

Academic Year: 2023-2024

CO No.	Course Outcome Statement	Bloom's Taxonomy	Bloom's Taxonomy Level
C352.1	Understand, appreciate and effectively explain the underlying concepts of database technologies.	Understand	L2
C352.2	Implement a database schema for a given problem-domain Normalize a data base.	Apply	L3
C352.3	Populate querya database using SQL DML/DDL commands.	Apply	L3
C352.4	Enforce integrity constraints on a database using a state-of-the-art RDMS.	Evaluate	L5
C352.5	Programming PL/SQL including stored procedures, stored Functions, Cursors, Packages.	Apply	L3

Course Outcomes

Class/ Branch: III/IV AI&ML

Sub/Code: NLP LAB/AM353 -R20

Academic Year: 2023-2024

CO No.	Course Outcome Statement	Bloom's Taxonomy	Bloom's Taxonomy Level
C353.1	Apply morphological analysis on natural language text.	Apply	L3
C353.2	Analyze syntactic structure of a language using syntax analysis techniques.	Apply	L3
C353.3	Identify semantic relationships between words using semantic analysis.	Understand	L2
C353.4	Identify Named Entities which are important in information extraction applications.	Understand	L2

Course Outcomes

Sub/Code: STATISTICS USING R Lab /AM 354-R20

Class: III/IV AI&ML

Academic Year: 2023-24

CO No.	Course Outcome Statement	Bloom's Taxonomy	Bloom's Taxonomy Level
C354.1	Analyze the datasets using R programming capabilities.	Analyze	L4
C354.2	Understanding the functions of R Programming.	Understand	L2
C354.3	Study and Analyze Data Visualisation.	Analyze	L4
C354.4	Demonstrate the knowledge of probability and conduct hypothesis tests for statistical inference	Evaluate	L5