Krishnasamy College of Science, Arts & Management for Women, Cuddalore.

222 - B.Sc., Artificial Intelligence

Under CBCS
(Applicable to the candidates admitted in Affiliated Colleges
in the academic year 2023 -2024)
Course Outcome and Mapping

Subject Code & Title:23UAICC13 & PROGRAMMING FOR PROBLEM SOLVING

Course Outcomes:

1) The Student can understand the fundamentals of computer and program development process.
2) The Student can prepare innovative solution for the problem using branching and looping statements.
3) The Student can decompose a problem into functions and synthesize a complete program using divide and conquer approach.
4) The Student will be able to formulate algorithms and programs using arrays, pointers and Structures.
5) The Student will be able to create a new application software to solve real world problems.

Mapping with program outcome:

MAPPING TABLE						
CO/PSO	**PSO 1**	**PSO 2**	**PSO 3**	**PSO 4**	**PSO 5**	**PSO 6**
CO1	**3**	**3**	**2**	**2**	**2**	**3**
CO2	**3**	**3**	**2**	**2**	**2**	**3**
CO3	**3**	**3**	**2**	**2**	**2**	**3**
CO4	**3**	**3**	**2**	**2**	**2**	**3**
CO5	**3**	**3**	**2**	**2**	**2**	**3**
Weightageofcourseco ntributedtoeachPSO	**15**	**15**	**10**	**10**	**10**	**15**

S-Strong-3   M-Medium-2 L-Low-1

Subject Code & Title:23UAICP14 & PROBLEM SOLVING USING C LAB

Course Outcomes:
1) Translate given algorithms to a working and correct program
2) Identify and correct logical errors encountered at run time

3) Create iterative as well as recursive programs.

4) Represent data in arrays, strings and structures and manipulate them through a program.

5) Declare pointers of different types and use them in defining self-referential structures.

Mapping with program outcome:

MAPPING TABLE						
CO/PSO	**PSO1**	**PSO2**	**PSO3**	**PSO4**	**PSO5**	**PSO6**
CO1	3	3	2	2	2	2
CO2	3	2	2	2	2	2
CO3	3	2	2	2	3	3
CO4	3	2	2	2	2	3
CO5	3	2	2	3	2	2
Weightage of course Contributed to each PSO	15	11	10	11	11	12

S-Strong-3   M-Medium-2 L-Low-1

Subject Code & Title:23UAICE15 & DISCRETE MATHEMATICS -

Course Outcome:

At the end of the course, students will be able to

1) Know the basic concepts of recurrence relations and generating functions
2) Learn to solve the Mathematical logic
3) Know the concepts of Mathematical logic: Functionally complete sets of connectives and Duality law.
4) Understand the concepts of Lattices
5) Know the basic concepts of Boolean Algebra

Mapping with program outcome:

CLO/PSO	**PSO1**	**PSO 2**	**PSO 3**	**PSO 4**	**PSO 5**
CLO1	3	3	3	2	3
CLO2	2	2	3	3	3
CLO3	3	3	3	3	3
CLO4	3	3	3	2	3
CLO5	3	2	3	3	3

S-Strong-3   M-Medium-2 L-Low-1

Subject Code & Title:23UAIEN16 & FUNDAMENDALS OF INFORMATION TECHNOLOGY

Course Outcomes:
1) Learn the basics of computer, Construct the structure of the required things in computer, learn how to use it.
2) Develop organizational structure using for the devices present currently under input or output unit.
3) Concept of storing data in computer using two header namely RAM and ROM with different types of ROM with advancement in storage basis.
4) Work with different software, Write program in the software and applications of software.
5) Usage of Operating system in information technology which really acts as a interpreter between software and hardware.

Mapping with program outcome:

CO/PSO	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5	PSO 6
CO 1	3	3	3	3	3	3
CO 2	3	3	3	3	3	3
CO 3	3	3	3	3	3	3
CO 4	3	3	3	3	2	3
CO 5	3	3	2	3	3	2
Weightage of course contributed to each PSO	15	15	14	15	14	14

S-Strong-3   M-Medium-2 L-Low-1

Subject Code & Title: 23UAIFC17 & OFFICE AUTOMATION

Course Outcomes:
1) Possess the knowledge on the basics of computers and its components
2) Gain knowledge on Creating Documents, spreadsheet and presentation.
3) Learn the concepts of Database and implement the Query in Database.
4) Demonstrate the understanding of different automation tools.
5) Utilize the automation tools for documentation, calculation and presentation purpose.

Mapping with program outcome:

	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8
CO 1	M	S	M			M		L
CO 2	S	M	S			M		
CO 3		S	S		M		L	

CO 4			S	L	M			M	
CO 5				M		S	M	S	

S-Strong-3   M-Medium-2 L-Low-1

Subject Code & Title: 23UAICC23 & PYTHON PROGRAMMING

Course Outcomes:
1) Describe the datatypes, expressions and type conversions in Python
2) Use functions, control statements, strings, lists and dictionaries in python programming.
3) Demonstrate the concept of object, class inheritance and polymorphism in Python.
4) Write user defined functions, classes in python.
5) Develop programming skills to solve real time computational problems

Mapping with program outcome:

MAPPING TABLE						
CO/PSO	**PSO1**	**PSO2**	**PSO3**	**PSO4**	**PSO5**	**PSO6**
CO1	3	2	1	2	1	2
CO2	3	3	2	2	3	3
CO3	3	3	2	3	3	2
CO4	3	2	3	2	2	3
CO5	3	2	2	2	3	3
Weightage ofcoursecontributedto eachPSO	15	12	10	11	12	13

S-Strong-3   M-Medium-2 L-Low-1

Subject Code & Title: 23UAICP24 & PYTHON PROGRAMMING LAB

Course Outcomes:
1) Describe the Control statement, String, List, and Dictionaries in Python.
2) Use functions and represent Compound data using Lists, Tuples and Dictionaries
3) Implement Conditionals and Loops for Python Programs
4) Understand and summarize different types of function and File handling operations.
5) Interpret Object programming in Python

Mapping with program outcome:

MAPPING TABLE						
CO/PSO	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5	PSO 6
CO1	3	2	2	3	3	2
CO2	3	3	2	3	3	2
CO3	3	3	3	3	3	2
CO4	3	3	2	3	3	2
CO5	3	3	2	3	3	2
Weightage ofcoursecontributedtoeachPSO	15	14	11	15	15	10

S-Strong-3   M-Medium-2 L-Low-1

Subject Code & Title: 23UAICE25 & DISCRETE MATHEMATICS – II

Course Objectives:

1)Mathematical Logic
2)Truth Table
3)Relations and Ordering

Subject Code & Title: 23UAIEN26 & DINTRODUCTION TO HTML

Course Outcomes:

1)Knows the basic concept in HTML .Concept of resources in HTML.
2)Knows Design concept. Concept of Meta Data. Understand the concept of save the files.
3)Understand the page formatting. Concept of list.
4)Creating Links. Know the concept of creating link to email address.
5)Concept of adding images. Understand the table creation.

Mapping with program outcome:

CO/PSO	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5	PSO 6
CO 1	3	3	3	3	3	3
CO 2	3	3	2	3	3	3
CO 3	2	3	3	3	3	3
CO 4	3	3	3	3	3	3
CO 5	3	3	3	2	3	3
Weightage of course contributed to each PSO	14	15	14	14	15	15

S-Strong-3   M-Medium-2 L-Low-1