



IDHAYA COLLEGE FOR WOMEN, KUMBAKONAM
Programme: B.Sc. Artificial Intelligence and Machine Learning

PO No.	Programme Outcomes upon Completion of B.Sc. Degree Programme, the Graduates will be able
PO1	To apply the concepts and practical knowledge in analysis, design and development of computing systems and applications to multi-disciplinary problems.
PO2	To provide a concrete foundation and enrich their abilities to qualify for Employment, Higher studies and Research in Artificial Intelligence and Machine Learning with ethical values.
PO3	To understand, analyze and develop essential proficiency in the areas related to artificial intelligence and machine learning in terms of underlying statistical and computational principles.
PO4	To learn the basic concepts of AI & ML and apply in various research areas like image processing, speech recognition and Medical diagnostics etc.,
PO5	To Find solutions to complex AI problems using various AI tools.

Semester I

S. No	Course Code	Name of the Course	Course Outcomes
1.	22SCCAI1	Programming in C and Data Structures	<ul style="list-style-type: none"> ➤ To summarize the basic knowledge to develop C programs. ➤ To apply and write programs for solving real world problems. ➤ To understand the basic concepts in data structures.
2.	22SCCAI1P	Programming in C Lab	<ul style="list-style-type: none"> ➤ To develop programs for various concepts in C language. ➤ To understand the usage of file handling in C programming. ➤ To solve data problems related to data structures.
3.	22SCACMM2A	Algebra Calculus	<ul style="list-style-type: none"> ➤ To train the students to solve the problems in theory of equations. ➤ To apply Cayley Hamilton theorem for finding the inverse of square matrices. ➤ To acquire the knowledge about differential equations.
4.	22UGVED	Value Education	<ul style="list-style-type: none"> ➤ To apply the values in Thirukkural to be peaceful, dutiful and responsible in family and society. ➤ To develop character formation and sense of citizenship. ➤ To master yoga, asana and meditation to promote mental health.

Semester II

S. No	Course Code	Name of the Course	Course Outcomes
1.	22SCCAI2	Programming in Python	<ul style="list-style-type: none"> ➤ To recall and understand the features of python programming language. ➤ To apply various language construct to write simple programs in python. ➤ To distinguish the various constructs used in python.
2.	22SCCAI2P	Programming in Python Lab	<ul style="list-style-type: none"> ➤ To recall and relate the features of python programming language. ➤ To construct simple programs in python using various language features. ➤ To appraise the application of object oriented concept in python.
3.	22SCACMM2B	Numerical Analysis and Probability	<ul style="list-style-type: none"> ➤ To solve algebraic and transcendental equations. ➤ To appreciate the importance of probability of random variables and understand the correlation and regression coefficients.
4.	22SCACMM2C	Operations Research	<ul style="list-style-type: none"> ➤ To acquire the basic concepts of LPP. ➤ To apply various methods for finding a solution of an LPP. ➤ To use the basic concepts of TP, AP and Network Problems to develop the problem solving skills.
5.	22PELPS1	Professional English for Physical Sciences I	<ul style="list-style-type: none"> ➤ To recognize their own ability to improve their own competence in using the language. ➤ To understand the importance of reading for life. ➤ To write simple sentences without committing error of spelling or grammar.
6.	22UGCES	Environmental Studies	<ul style="list-style-type: none"> ➤ To understand the environmental importance including interactions across local to global scales. ➤ To gain knowledge on importance of natural resources in a systematic way. ➤ To gain awareness related on environmental pollution, causes and pollution control with case studies.