

**DEPARTMENT OF COMPUTER SCIENCE WITH ARTIFICIAL
INTELLIGENCE & MACHINE LEARNING
I Semester**

Course Code	Title of the Paper	Curricula relevant to local, regional, national and global needs				
		Local	Regional	National	Global	Rationale
23UAI101	Programming in C			✓	✓	C Programming has been accepted as universal Web designing & Programming Language and it finds its foray into IT Industry in Regional, Local & Global Scenario
23UAI102	Data Structures and applications			✓	✓	The basic Data structures and algorithms forms the basis for the abstract concepts which would have be implemented in the higher level languages
23UAI103	Programming in C- Lab I	✓	✓	✓	✓	Lays the foundation for Data structure theorems for problem solving
23UAI1A1	Introduction to Linear Algebra			✓	✓	This course Equips the students to become a cutting edge Professionals both regionally and Globally

II semester

Course Code	Title of the Paper	Curricula relevant to local, regional, national and global needs				
		Local	Regional	National	Global	Rationale
23UAI204	Java Programming			✓	✓	Java Programming has been accepted as universal Web designing & Programming Language and it finds its foray into IT Industry in Regional, Local & Global Scenario
23UAI205	Operating System			✓	✓	The basic OS and Managements are the basis for the abstract concepts which would have be implemented in the higher level languages

23UAI2A1	Probability and Statistics	✓	✓	✓	✓	Lays the foundation for ML theorems for problem solving
23UAI206	Java Lab			✓	✓	This course Equips the students to become a cutting edge Professionals both regionally and Globally
23UAI2S1	Naan Mudhalvan: Industry 4.0	✓	✓	✓	✓	

III Semester

Course Code	Title of the Paper	Curricula relevant to local, regional, national and global needs				Rationale
		Local	Regional	National	Global	
22UAI307	Database Concepts			✓	✓	DBMS has been proved to be the data implementation tool for the AI, ML, Data Science Domain which includes an array of Employability capabilities in the Regional and Global Arena
22UAI308	Introduction to AI			✓	✓	Mainly focused to bring out the budding knowledge about AI
22UAI3A3	Discrete Structures and its Applications	✓	✓	✓	✓	Discrete problems have been used in performance Metrics of various s problems in AI, ML and Data Analytics
22UAI309	Lab III: Database Concepts Lab			✓	✓	This course provides a hands on Session on the database manipulation
22UAI310	Lab IV: AI Lab			✓	✓	Mainly focused to bring out the budding feature of an AI

IV Semester

Course Code	Title of the Paper	Curricula relevant to local, regional, national and global needs				Rationale
		Local	Regional	National	Global	
22UAI412	Cloud Computing			✓	✓	Cloud has been proved to be the data implementation tool for the AI, ML, Data Science Domain which includes an array of Employability capabilities in the Regional and Global Arena
22UAI413	Introduction to ML			✓	✓	Mainly focused to bring out the budding knowledge about ML
22UAI4A1	Mathematics for ML	✓	✓	✓	✓	problems have been used in performance Metrics of various s problems in AI, ML and Data Analytics
22UAI414	ML Lab			✓	✓	This course provides a hands on Session on the ML algorithm manipulation
22UAI415	Capstone project	✓		✓	✓	Mainly focused to bring out the budding feature of an AI
22UAIS1	Naan Mudhalvan:Block Chain			✓	✓	Block chain Equips the students to become a cutting edge Professionals both regionally and Globally
22UAI4N2	NME:-II Web Technologies	✓		✓	✓	Mainly focused to bring out the budding feature for developing web pages
Value Added Course-II	Pythom for Data science	✓		✓	✓	This course Equips the students to become a cutting edge Professionals both regionally and Globally



HOD
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