Programme Name : M.Phil (Computer Science)		Programme Code: CSA
Course Code & Course Name	**Course Outcomes At the end of this course the students will be able to**	**Cognitive Level**
Cognitive Level - Remember - (R), Understand - (U), Apply - (P), Analyse - (A), Evaluate - (E), Create - (C)		
I Year - I Semester		
CSA01 - Research Methodology	CO1: Understand the overall process of designing a research study.	U
	CO2: Provide the concept of probability and reliability and apply real life applications	P
	CO3: Understand the importance of computational tools	U
	CO4: Know the methods for data collection and analysis.	R
	CO5: Know the importance of Experimenting and generating reports	R
CSA02 - Advanced Concepts in Computer Science	CO1: Identify and match the parallel computer structures and its applications.	U
	CO2: Understand basic data structures, their implementation and some of the standard applications.	U
	CO3: Develop the ability to design and analyze basic algorithms and prove their correctness using the appropriate data structure	P
	CO4: Construct the applications using 3D views in OpenGL and 3D Printing	P
	CO5: Understand the knowledge area of requirements engineering.	U
	CO6: Understand the standard principles of Computing.	U
CSA03 - Internet of Things(Elective)	CO1: Design a portable IoT using Arduino/ equivalent boards and relevant protocols	P
	CO2: Develop web services to access/control IoT devices	P
	CO3: Deploy an IoT application and connect to the cloud	P
	CO4: Analyze applications of IoT in real time scenario	A
CSA03 - Artificial Intelligence and Machine Learning (Elective)	CO1: Understanding the application fields of Artificial Intelligence	U
	CO2: Understanding basic machine learning algorithms	U
	CO3: Building classification systems that can be applied to text and images	P
	CO4: Develop the python programs for machine learning concepts	P
CSA03 - Big Data Analytics (Elective)	CO1: Make use of various statistical and data mining tools. to enhance the analytical capability.	P
	CO2: Clarify fuzzy logic models and stochastic search methods.	U
	CO3: Make use of the various predictive analysis tools which supports the decision making process.	P
	CO4: Illustrate the descriptive type of analytics that helps to learn about a system.	U
	CO5: Understand analytics on emerging trends and technologies.	U
CSA04 - Dissertation	CO1: Identify Problem and develop solution to the identified problem in the area of research.	P