MSC-CS			
Semester I/II/III/IV/V/VI	**All Subjects / Course**	**Objective of teaching the subject (Minimum 4)**	OUTCOME
Semester I	**Algorithm for optimizationSoftware defined networkingApplied signal and image processingAdvanced Database technique**	To be Fundamentally Strong in the core Computer Science Subjects	Learning optimization helps students to make decisions in machine learning
		Able understand fundamental research concepts	Image processing helps in training machine
		Broad understanding of technological tools	On successful completion of the course students will be able to:
		Identify opportunities for immeadiate employment	Research, analyse and use emerging technologies such as Big Data, NoSQL, On-Line Analytical Processing (OLAP) and Data Warehouses
Semester II	**Applied Machine and Deep learning**	Preparing the individual for industry ready	The students will be able to Apply the algorithms to a real problem, optimize the models learned and report on the expected accuracy that can be achieved by applying the models
	Natural Language Processing	Ability to handle basic language manipulation with extended logic to create new languages	Students will easily analyze large volume text data generated from a range of real-world applications.
	Web Mining	Reasearch Analyse data from the web	Students will be able to document indexing, crawling, classification, and clustering; distance metrics; analyzing streaming data, such as social media; link analysis; and system evaluation.
	Embedded and IoT Technology	Design microprocessor based applications and establish communication between devices	They will get good opportunity as Microcontroller firmware engineer. ... Embedded Linux engineer. ... Embedded applications engineer. ... Embedded network engineer. ...
Semester III	**Cyber and information security, Business intelligence and Big data Analytics**	Explore Core Computer Science Subjects	Increases the capability of Designing, developing, testing and evaluating secure software. Interpret and forensically investigate security incidents. Learning Business intellegence and helps to Design tested and effective advanced analytics models and simulations for decision making. It fosters an ability to critically analyse, synthesise and solve complex unstructured business problems

Semester IV	**Simulation & Modelling**	Prepare students for demands in ICT industry	Students will be able to test a product or system works before building it.
	Cyber and cryptography	Offer specialization on special area	After successful completion of the course, the learners would be able to Provide security of the data over the network. Do research in the emerging areas of cryptography and network security. Implement various networking protocols. Protect any network from the threats in the world
		Create research temper among students	