List of Courses having focus on local, national, regionaland global developmental needs offered by the Department of MCA

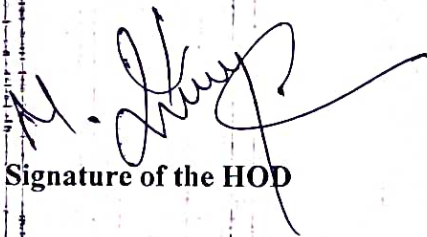| DEPARTMENT OF MCA						
Programme: MCA						Year:2019-2020
Course Code	Course Title	Need				Rationale
		Local	National	Regional	Global	
18PMC535/19PMC535	Elective – III Python Programming				✓	To impart knowledge to the students for the preparation of various problem solving, this course offers the modern programming Languages along with exposition to various applications of computers.
19PMC320	Object oriented Analysis and Design with UML			✓		To impart knowledge to the students for the preparation to know aboutfundamental principlesobject oriented analysis and design broadfield of UML.
19PMC321	Programming Lab – V Java Lab				✓	To impart knowledge to the students for the preparation to develop necessary skills in students to apply object oriented programming techniques in java so that the students will be able to develop complete applications

						using core java.
18PMC639	Big Data Management		✓		✓	To impart knowledge to the students for the preparation to acquaint the student with knowledge of fundamentals concepts of Data Managementand its application in different areas, storage, manipulation and retrieval of data.
18PMC535/19PMC535	Elective – III Python Programming				✓	To impart knowledge to the students for the preparation of designed to teach the student how to write, test, and debug advanced-level Object-Oriented programs using Python.
18PMC534/19PMC534	Web Programming		✓		✓	The purpose of this lab aims at providing students the knowledge about the Internet Programming Tools, and to give the information about the

						importance of internet technologies, to make them understand the basic HTML tags, to give ability to design web pages, also to give them ability to use the programming language in order to create dynamic web pages, and associating it with the database for publishing the websites and giving the ability to gain knowledge about the Internet skills.
19PMC317	Resource management Techniques		✓		✓	Resource management is the practice of planning, scheduling, and allocating people, money, and technology to a project or program. In essence, it is theprocess of allocating resources to achieve the greatest organizational value.
19PMC424	AngularJS		✓		✓	To impart knowledge

						to the students for developing high-quality dynamic web applications.This is because AngularJS is feature-rich and developers do not need to depend on any third-party software to support their applications. Developers can save a lot of time and resources while working on their projects with AngularJS.
	Cloud Computing					To impart knowledge to the students ingrooming them to work on current technology scenarios as well as prepare them to keep pace with the changing face of technology and the requirements of the growing IT industry.
19PMC639					✓	
19PMC426	Data Mining			✓	✓	To impart knowledge to the students for the preparation to work inused to explore

| | | | | | | increasingly large databases and to improve market segmentation. By analysing the relationships between parameters such as customer age, gender, tastes, etc., it is possible to guess their behaviour in order to direct personalised loyalty campaigns. |

Signature of the HOD

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