MCA - Specialization in Artificial Intelligence and Machine Learning In collaboration with IBM

Semester - I		
Course Code	**Course Name**	**Credits**
MCA119A	Programming in C++	3
MCA120B	Computer Networks	4
MCA121B	Advance Data Structures and Algorithms	3
MCA123B	Business Communication Skills	2
MCA125A	Programming in C++ Lab	2
MCA126A	Advance Data Structures and Algorithms Lab	2
MCA127B	Business Communication Skills Lab	2
MCA176A	Designing Lab	2
MIBM101 Specialization	AI & Machine Learning	4
MIBM102 Specialization	AI & Machine Learning	4
	Total	**28**

Semester - II		
Course Code	**Course Name**	**Credits**
MCA182A	Soft Skills	3
MCA130A	Advance Java	3
MCA132B	PHP & MYSQL	3
MCA118A	Advance Database Management Systems	3
MCA133A	Advance Java Lab	2
MCA134B	PHP & MYSQL Lab	2
MCA124B	Advance Database Management Systems Lab	2
MCA136A	Minor Project	2
MIBM103 Specialization	AI & Machine Learning	4
MIBM104 Specialization	AI & Machine Learning	4
	Total	**28**

Semester - III		
Course Code	**Course Name**	**Credits**
MCA129A	Accounting Principles and Practices	3
MCA183A	Agile Software Development	3
MCA138A	Information Security & Cyber Law	4
MCA184A	Data Science & Analytics	4
MCA185A	Data Science & Analytics Lab	2
MCA177A	Cloud Computing Lab	2
MIBM105 Specialization	AI & Machine Learning	4
MIBM106 Specialization	AI & Machine Learning	4
MIBM107 Specialization	AI & Machine Learning	4
	Total	**28**

List of Specialiation Courses		
S No	**AI & Machine Learning Course Name**	**Credits**
1	Predictive Analytics Modeler	3
2	Python	3
3	Text Analytics	3
4	Data Visualization	3
5	Rapid Development for AI - Watson Services	3
6	AI Services	3
7	Machine Learning Services with Watson Studio	3
8	Python for Data Science, Machine Learning with Python, Data Visualization with Python	3
9	Deep Learning Fundamentals, Deep Learning with Tensor Flow, Accelerating Deep Learning	4

Semester - IV		
Course Code	**Course Name**	**Credits**
MCA175A	Industrial Training/Project Presentation	28