KUK MCA Program Structure (For Pre July 25 Batches)

Program	Semester	Course	Credit Score
MCA	1	Programming in Java	4
MCA	1	Data Structures using C++	4
MCA	1	Operating Systems	4
MCA	1	Data Communication and Computer Networks	4
MCA	1	Object-Oriented Analysis and Design using UML	4
MCA	1	Lab - Programming in Java	2.5
MCA	1	Lab - Data Structure Using C++	2.5
MCA	2	Web Technologies	4
MCA	2	Linux and Shell Programming	4
MCA	2	Advanced Data Base Systems	4
MCA	2	Compiler Design	4
MCA	2	Security in Computing	4
MCA	2	Lab - Web Technologies & Advanced Data Base Systems	2.5
MCA	2	Lab - Linux and Shell Programming	2.5
MCA	2	Human Rights in India	2
MCA	3	Computer Architecture and Parallel Processing	4
MCA	3	Data Mining and Integration using R	4
MCA	3	Artificial Intelligence	4
MCA	3	Cyber Security	4
MCA	3	Advanced Web Technologies	4
MCA	3	Lab: Data Mining and Integration Using R	2.5
MCA	3	Lab: Advanced Web Technologies	2.5
MCA	3	Statistics	2
MCA	3	Project Work	8
MCA	4	Big Data and Pattern Recognition	4
MCA	4	Computer Graphics and Animation	4
MCA	4	Mobile Application Development	4
MCA	4	Machine Learning	4
MCA	4	Blockchain Technology	4
MCA	4	Lab: Big Data and Pattern Recognition & Computer Graphics and Animation	2.5
MCA	4	Project: Mobile Application Development	2.5