

Maulana Abul Kalam Azad University of Technology, West Bengal
(Formerly West Bengal University of Technology)
Syllabus for B. Tech in CSE(Data Science)
(Applicable from the academic session 2020-2021)

Third Semester							
Sl No.	Category	Subject Code	Subject Name	Total Number of Contact hours			Credits
				L	T	P	
Theory							
1	Engineering Science Course	ESC301	Analog and Digital Electronics	3	0	0	3
2	Professional Core Courses	PCC-CS301	Data Structure & Algorithms	3	0	0	3
3	Professional Core Courses	PCC-CS302	Computer Organization	3	0	0	3
4	Professional Core Courses	PCC-DS301	Introduction to Data Science	3	0	0	3
5	Basic Science course	BSC 301	Mathematics-III (Differential Calculus)	2	0	0	2
6	Humanities & Social Sciences including Management Courses	HSMC 301	Economics for Engineers (Humanities-II)	3	0	0	3
		Total Theory		14	0	0	17
Practical							
1	Professional Core Courses	PCC-CS391	Data Structure & Algorithms Lab	0	0	4	2
2	Engineering Science Course	ESC391	Analog and Digital Electronics Lab	0	0	4	2
3	Professional Core Courses	PCC-CS392	Computer Organization	0	0	4	2
4	Professional Core Courses	PCC- DS391	Data Science Lab using Python	0	0	4	2
		Total Practical		0	0	16	8
		Total Credit for Third Semester		25			