

Maulana Abul Kalam Azad University of Technology, West Bengal
(Formerly West Bengal University of Technology)
Syllabus for B. Tech in Computer Science and Engineering
(Internet of Things)
(Applicable from the academic session 2022-2023)

Curriculum Structure

Semester III (Second year)								
Sl No		Type of Course	Code	Course Title	Hours per week			Credits
					L	T	P	
1	THEORY	Engineering Science Course	ESC301	Analog and Digital Electronics	3	0	0	3
2		Professional Core Course	PCCCS30 1	Data Structure and Algorithms	3	0	0	3
3		Professional Core Course	PCCCS30 2	Computer Organization	3	0	0	3
4		Basic Science Course	BSCICB30 1	Linear Algebra	2	0	0	2
5		Humanities Social Science including Management Course	HSMC301	Economics for Engineers (Humanities II)	3	0	0	3
6	PRACTICAL	Professional Core Course	PCCCS39 1	Data Structure and Algorithms	0	0	4	2
7		Engineering Science Course	ESC391	Analog and Digital Electronics	0	0	4	2
8		Professional Core Course	PCCCS39 2	Computer Organization	0	0	4	2
9		Professional Core Course	PCCCS39 3	IT Workshop (Python/Matlab/R)	0	0	4	2
TOTAL CREDITS								22

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<i>Semester IV (Second year)</i>								
Sl No		Type of Course	Code	Course Title	Hours per week			Credits
					L	T	P	
1	THEORY	Professional Core Course	PCCCS40 1	Discrete Mathematics	3	0	0	3
2		Professional Core Course	PCCICB40 1	Data Communication and Networks	3	0	0	3
3		Professional Core Course	PCCCS40 3	Formal Language and Automata Theory	3	0	0	3
4		Professional Core Course	PCCCS40 4	Design and Analysis of Algorithm	3	0	0	3
5		Basic Science Course	BSC401	Biology	2	1	0	3
6		Mandatory Course	MC401	Environmental Science	2	0	0	2
7	PRACTICAL	Professional Core Course	PCCICB49 1	Data Communication and Networks Lab	0	0	4	2
8		Professional Core Course	PCCCS49 4	Design and Analysis of Algorithm Lab	0	0	4	2
TOTAL CREDITS								21