

**Maulana Abul Kalam Azad University of Technology, West Bengal***(Formerly West Bengal University of Technology)***Syllabus for B. Tech in Computer Science and Engineering(Artificial Intelligence)**

(Applicable from the academic session 2022-2023)

<b>Semester-IV</b>								
Sl No		Type of Course	Code	Course Title	Hours per week			Credits
					L	T	P	
1	<b>THEORY</b>	Professional Core Course	PCC-AI401	Artificial Intelligence	3	0	0	3
2		Professional Core Course	PCC-AI402	Optimization Techniques	3	0	0	3
3		Professional Core Course	PCC-CS403	Formal Language & Automata Theory	3	0	0	3
4		Professional Core Course	PCC-CS404	Design and Analysis of Algorithm	3	0	0	3
5		Basic Science Course	BSC-401	Biology	2	0	0	2
6		Mandatory Course	MC-401	Environmental Science	2	0	0	2
7	<b>PRACTICAL</b>	Professional Core Course	PCC-AI491	Artificial Intelligence Lab	0	0	4	2
8		Professional Core Course	PCC-CS494	Design and Analysis of Algorithm Lab	0	0	4	2
9		Professional Core Course	PCC-AI492	Python II / R Programming Language Lab	0	0	4	2
<b>TOTAL CREDITS</b>								<b>22</b>