

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

Curriculum Structure

| Semester IV (Second year) | | | | | | | |
|----------------------------------|----------------------------|------------|-----------------------------------|----------------|---|----------------------|-----------|
| Sl. No. | Type of course | Code | Course Title | Hours per week | | | Credits |
| | | | | L | T | P | |
| Theory | | | | | | | |
| 1 | Professional Core Courses | PCC-CS401 | Discrete Mathematics | 3 | 1 | 0 | 4 |
| 2 | Professional Core Courses | PCC-CS 402 | Computer Architecture | 3 | 0 | 0 | 3 |
| 3 | Professional Core Courses | PCC-CS403 | Formal Language & Automata Theory | 3 | 0 | 0 | 3 |
| 4 | Professional Core Courses | PCC-CS404 | Design & Analysis of Algorithms | 3 | 0 | 0 | 3 |
| 5 | Basic Science courses | BSC 401 | Biology | 2 | 1 | 0 | 3 |
| 6 | Mandatory Courses | MC401 | Environmental Sciences | 1 | - | - | 1 |
| Practical | | | | | | | |
| 7 | Engineering Science Course | PCC-CS 492 | Computer Architecture | 0 | 0 | 4 | 2 |
| 8 | Professional Core Courses | PCC-CS494 | Design & Analysis of Algorithms | 0 | 0 | 4 | 2 |
| | | | | | | Total credits | 21 |