



3-Years BCA with AI Curriculum and Syllabus

Second Semester

Course Code	Course Title	Contact Hrs. / Week			Credit
		L	T	P	
Theory					
TIU-UEN-T100	Career Advancement and Skill Development: Data Structures and Algorithms in Python	2	1	0	3
TIU-UCA-T110	Computer Organization	2	1	0	3
TIU-UMA-T104	Basic Mathematics II	3	1	0	4
TIU-UCA-T112	Principles of System Software	2	0	0	2
TIU-UCA-T116	Data structures through C++	3	1	0	4
TIU-UMA-T106	Computer Oriented Numerical Methods	2	1	0	3
TIU-UCA-T108	Data Communication and Computer Networking	3	1	0	4
Practical					
TIU-UCA-L116	Programming in Data structure through C++ Lab	0	0	3	2
TIU-UCA-L106	Numerical Methods Lab	0	0	3	2
Sessional					
TIU-UES-S198	Entrepreneurship Skill Development	0	0	4	2
Total Credits					29

Approved by:

External Expert-1 (Prof. Subhadip Basu, J.U.)

External Expert-2 (Prof. Amlan Chakraborty, C.U.)

HOD - (Prof. A.B. Chaudhuri)