



TECHNO INDIA UNIVERSITY

W E S T B E N G A L

Curriculum

for

2-Years M.Tech. in CSE

EM-4, Sector-V, Salt Lake, Kolkata- 700091 (Near Swastha Bhawan/PWC, Beside Times of India Office) West Bengal, India

2 YEARS M.TECH CSE		
1 st Semester		
Subject Code	Subject	Credit
TIU-PCS-T113	Advanced Numerical Analysis	4
TIU-PCS-T101	Advanced Design and Analysis of Algorithms	3
TIU-PCS-T115	Computer Vision	3
TIU-PCS-E101	Cryptography and Network Security(Elective I)	4
TIU-PCS-E105	Machine Learning (Elective II)	4
TIU-PCS-L101	Advanced Design and Analysis of Algorithms Lab	2
TIU-PCS-L115	Computer Vision Lab	2
TIU-PES-S199	Entrepreneurship Skill Development	2
Total :		24
2nd Semester		
Subject Code	Subject	Credit
	Advanced Networking & Cloud Computing	3
TIU-PCS-E102D	Advanced COMPUTER VISION (ELECTIVE III)	4
	AI and Deep Learning (ELECTIVE IV)	3
	Advanced Theory of Computation (Elective V)	3
	Advanced Networking & Cloud Computing Lab	2
	AI and Deep Learning Lab	2
	Advanced Theory of Computation Lab	2
TIU-PCS-S102	TECHNICAL SEMINAR I	2
Total :		21
3rd Semester		
Subject Code	Subject	Credit
TIU-PCS-E209A	Natural Language Processing and Information Retrieval (Elective VI)	4
TIU-PCS-E211A	Pattern Recognition and Image Processing (Elective VII)	4
TIU-PCS-S201	Technical Seminar-II	2
TIU-PCS-D299	Thesis Proposal	8
TIU-PES-S299	Entrepreneurship Skill Development	2
Total :		20
4th Semester		
SUBJECT_CODE	SUBJECT_NAME	Credit
TIU-PCS-D298	FINAL THESIS	14
TIU-PCS-G298	GRAND VIVA	4
TIU-PES-S298	ENTREPRENEURSHIP SKILL DEVELOPMENT	2
Total :		20