

Course structure Affiliated to Assam Science and Technology University , new regulation)

SEMESTER VIII

No.	Subject Code	Subject	Hours per Week			Credit	Marks	
			L	T	P		CE	ESE
Theory								
1	CSE1818PE5*	Program Elective-5	3	0	0	3	30	70
2	CSE1818PE6*	Program Elective-6	3	0	0	3	30	70
3	CSE1818OE4*	Open Elective-4	3	0	0	3	30	70
4	CSE1818OE5*	Open Elective-5	3	0	0	3	30	70
Practical								
1	CSE181822	Project-2	0	0	12	6	100	50
TOTAL			12	0	12	18	220	330
Total Contact Hours per week : 24								
Total Credit: 18								
PROGRAMME ELECTIVE - 5 SUBJECTS								
SlNo	Subject Code	Subject						
1	CSE1818PE51	Cryptography and Network Security						
2	CSE1818PE52	Speech and Natural Language Processing						
3	CSE1818PE53	Parallel Computing						
4	CSE1818PE5*	Any other subject offered from time to time with University approval						

PROGRAMME ELECTIVE - 6 SUBJECTS		
Sl.No	Subject Code	Subject
	CSE1818PE61	Big Data Analytics
2	CSE1818PE62	Computer Vision
3	CSE1818PE63	Neural Networks and Deep Learning
4	CSE1818PE6*	Any other subject offered from time to time with University approval
OPEN ELECTIVE - 4 SUBJECTS		
Sl. No	Subject Code	Subject
	CSE1818OE41	Artificial Intelligence
2	CSE1818OE42	Quantum Computing
3	CSE1818OE43	Optimization Techniques in Machine Learning
4	CSE1818OE4*	Any other subject offered from time to time with University approval
OPEN ELECTIVE - 5 SUBJECTS		
Sl. No	Subject Code	Subject
	CSE1818OE51	Internet of Things
2	CSE1818OE52	Computational Number Theory
3	CSE1818OE53	Electronic Design Automation
4	CSE1818OE54	Soft Computing
5	CSE1818OE5*	Any other subject offered from time to time with the approval of the University