

# Syllabus for 4 Year B. Tech Course in Electronics and Communication Engineering with AI

## THIRD SEMESTER

Sl. No.	Code	Subject	Contacts			Credits
			L	T	P	
A. Theory						
1	TIU- UEN- T20#	Career Advancement & Skill Development-AI Tools for Digital Electronics	2	0	0	2
2	TIU- UMA- T201	Mathematics - III	3	1	0	4
3	TIU- UEC- T20#	Environmental Science	2	0	0	0
4	TIU- UEC- T201	Semiconductor Devices	3	1	0	4
5	TIU- UEC- T203	Network Theory	3	1	0	4
6	TIU-UCS- T201	Data Structures and Algorithms	3	0	0	3
B. Practicals						
1	TIU- UEC- L20#	Semiconductor Devices Lab	0	0	3	1.5
2	TIU- UEC- L20#	Network Theory Lab	0	0	3	1.5
3	TIU-UCS- L20#	Data Structures Lab	0	0	3	1.5

4	TIU-UCS-L20#	Numerical Methods Lab	0	0	3	1.5
C. Sessionals						
1	TIU-UES-S299	Entrepreneurship Skill Development	0	0	2	2
Total						25