



**4-Year Bachelor of Technology (B.Tech.) Curriculum and
Syllabus for Electrical Engineering with AI**

Sixth Semester

Course Code	Course Title	Contact Hrs. / Week			Credit
		L	T	P	
Theory					
TIU-UTR-T300	Career Advancement & Skill Development: Automation and Control with AI	2	1	0	3
TIU-UMG-T316	Industrial Economics, Accountancy & Costing	3	0	0	3
TIU-UEE-T302	Electrical Power Systems II	3	1	0	4
TIU-UEE-T304	Instrumentation & Process Control	3	1	0	4
TIU-UEE-T306	Microprocessors & Microcontrollers	3	0	0	3
Practical					
TIU-UEE-L306	Microprocessors & Microcontrollers Lab	0	0	3	2
TIU-UEE-L304	Instrumentation & Process Control Lab	0	0	3	2
TIU-UEE-L302	Electrical Power Systems Lab II	0	0	3	2
Sessional					
TIU-UES-S398	Entrepreneurship Skill Development	0	0	2	2
TIU-UEE-S302	Electrical Machine Design	0	0	3	2
Total Credits					27