



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

**Eighth Semester**

Course Code	Course Title	Contact Hrs. / Week			Credit
		L	T	P	
<b>Theory</b>					
TIU-UEE-T400	Career Advancement & Skill Development: AI for Environmental Engineering	2	1	0	3
TIU-UEE-T402	Utilization of Electric Power & Illumination Engineering	3	1	0	4
TIU-UEE-T404	Communication Engineering	3	1	0	4
TIU-UEE-E406 TIU-UEE-E402	Digital Control Systems (Elective-I) Special Electrical Machines (Elective-I)	3	1	0	4
TIU-UEE-E422 TIU-UCS-E406	Renewable Energy Systems(Elective-II) AI and Soft-computing(Elective-II)	3	1	0	4
<b>Practical</b>					
TIU-UEE-E408 TIU-UEE-E404	Digital Control Systems (Elective-I Lab) Special Electrical Machines (Elective-I Lab)	0	0	3	2
<b>Sessional</b>					
TIU-UES-S498	Entrepreneurship Skill Development	0	0	2	2
TIU-UEE-G498	Project Work-II	0	0	2	2
TIU-UEE-P498	General Viva Voce	0	0	2	2
<b>Total Credits</b>					<b>27</b>

**Detailed Syllabus**

**Career Advancement & Skill Development**  
**TIU-UEE-T400**  
**LTP: 2-1-0**

