



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

**Seventh Semester**

**A. THEORY**

Sl No.	Code Number	Subject	Contact Hours				Credit Point
			L	T	P	Total	
1	TIU-UCE-T401	Career Advancement & Skill Development: AI Based Project Work (Cost Estimation / Construction Planning and Scheduling / Construction Project Management / Project Management Techniques)	3	0	0	3	3
2	TIU-UCE-T403	Environmental Engineering – I	3	0	0	3	3
3	TIU-UCE-T405	Foundation Engineering	3	0	0	3	3
4	TIU-UCE-T407	Water Resources Engineering – II	3	0	0	3	3
5	TIU-UCE-E41X*	Elective – I	3	1	0	4	4
6	TIU-UCE-E42Y**	Elective – II	3	1	0	4	4
Total Theory			20				20

**B. PRACTICAL**

7	TIU-UCE-L401	Computer Application in Civil Engg. – II	0	0	3	3	2
8	TIU-UCE-L403	Environmental Engineering Lab	0	0	3	3	2
Total Practical			6				4

**C. SESSIONAL**

9	TIU-UCE-P499	Project – I	0	0	3	3	3
10	TIU-UCE-S499	Seminar	0	0	3	3	2
11	TIU-UES-S499	Entrepreneurship Skill Development	0	0	0	0	2
Total Sessional			6				7

Total of Semester

32 31