



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

**Third Semester**

**A. THEORY**

Sl No.	Code Number	Subject	Contact Hours				Credit Point
			L	T	P	Total	
1	TIU-UEN-T201	Career Advancement & Skill Development: AI based Structural Analysis and Techniques	3	0	0	3	3
2	TIU-UMA-T205	Transform Calculus	3	0	0	3	3
3	TIU-UCE-T201	Surveying – I	3	0	0	3	3
4	TIU-UCE-T203	Strength of Materials	4	0	0	4	4
5	TIU-UCE-T205	Fluid Mechanics – I	4	0	0	4	4
6	TIU-UCE-T207	Engineering Geology	3	0	0	3	3
Total Theory			20				20

**B. PRACTICAL**

7	TIU-UCE-L201	Strength of Materials Lab	0	0	3	3	2
8	TIU-UCE-L203	Engineering Geology Lab	0	0	3	3	2
Total Practical			6				4

**C. SESSIONAL**

9	TIU-UCE-S201	Building Planning and Drawing	0	0	3	3	2
10	TIU-UCE-S203	CAD Lab	0	0	3	3	2
11	TIU-UES-S299	Entrepreneurship Skill Development	0	0	0	0	2
Total Sessional			6				6

Total of Semester

32 30