



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

Fourth Semester

A. THEORY

Sl No.	Code Number	Subject	Contact Hours				Credit Point
			L	T	P	Total	
1	TIU-UEN-T200	Career Advancement & Skill Development: Machine Learning Models for Soil Behavior Prediction	3	0	0	3	3
2	TIU-UMA-T202	Probability & Statistics	3	0	0	3	3
3	TIU-UCE-T212	Building Materials and Construction	3	0	0	3	3
4	TIU-UCE-T214	Analysis of Structures – I	3	1	0	4	4
5	TIU-UCE-T216	Geotechnical Engineering – I	3	1	0	4	4
6	TIU-UCE-T218	Fluid Mechanics – II	3	0	0	3	3
Total Theory			20				20

B. PRACTICAL

7	TIU-UCE-L212	Fluid Mechanics Lab	0	0	3	3	2
8	TIU-UCE-L214	Surveying Practice – I	0	0	3	3	2
Total Practical			6				4

C. SESSIONAL

10	TIU-UCE-S202	Quantity Survey, Specification and Valuation	1	0	3	4	2
11	TIU-UES-S298	Entrepreneurship Skill Development	0	0	0	0	2
Total Sessional			4				4

Total of Semester

30 28

External Expert	External Expert	HOD	Dean	Vice Chancellor
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