

Faculty of Engineering & Technology																																
Name of the Program (As to be printed on the Degree Certificate) : Bachelor of Technology in Civil Engineering (Artificial Intelligence and Data Science)																																
Session: 2024-25 Onwards																																
S. No.	Semester/Year/Prof	Council Code (If any)	Subject Code	Nomenclature	Theory/ Practical/	Core/ DSE/ AECC/ SEC/ VAC/ GE/ MDGE/Subsidary	Theory/Practical (Result Combined or Separate)	L	T	P	Credits	Max	Pass	Attendance Marks	Theory (Internal)	Practical External	Practical (Internal)															

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1	VII/ IV		130107111	Irrigation Engineering	Theory	Core	Separate	3	0	0	3	60	24	5	20	5	10	40	16	-	-	-	-	-	-	-	-	-	40	External+Internal		
2			130107124	Estimation & Costing	Theory	Core	Separate	3	0	0	3	60	24	5	20	5	10	40	16	-	-	-	-	-	-	-	-	-	40	External+Internal		
3			130107113	Construction Project Management	Theory	Core	Separate	2	0	0	2	60	24	5	20	5	10	40	16	-	-	-	-	-	-	-	-	-	40	External+Internal		
4			130107114	Construction Project Management Lab	Practical	Core	Separate	0	0	4	2	-	-	-	-	-	-	-	-	20	10	30	12	5	5	10	20	8	20	External+Internal		
5			130107115	Capstone Project	Practical	Core	Separate	0	0	4	2	-	-	-	-	-	-	-	-	20	10	30	12	5	5	10	20	8	20	External+Internal		
6			130107116	Valuation & Costing Lab (Skill Enhancement Course)-V	Practical	SEC	Separate	0	0	4	2	-	-	-	-	-	-	-	-	20	10	30	12	5	5	10	20	8	20	External+Internal		
7			130107117	Industrial Training - II	Practical	Core	Separate	0	0	2	1	-	-	-	-	-	-	-	-	20	10	30	12	5	5	10	20	8	20	External+Internal		
				Choose one of the following																												
				130107118	Bridge Engineering	Theory (Program Elective-V)	DSE	Separate	3	0	0	3	60	24	5	20	5	10	40	16	-	-	-	-	-	-	-	-	-	40	External+Internal	
8			130107119	Ground Water Engineering																												
			130107120	Railways, Tunnel and Airport Engineering																												
			130107112	Waste Water Treatment																												
			Total Credits of the Semester for Bachelor of Technology in Civil Engineering					11	0	14	18																					
			Choose below for Bachelor of Technology in Civil Engineering (Artificial Intelligence and Data Science)																													
9			130107122	Data Visualization	Theory	DSE	Separate	3	0	0	3	60	24	5	20	5	10	40	16	-	-	-	-	-	-	-	-	-	40	External+Internal		
10			130107123	Data Visualization Lab	Practical	DSE	Separate	0	0	2	1	-	-	-	-	-	-	-	-	20	10	30	12	5	5	10	20	8	20	External+Internal		
			Total Credits of the Semester for Bachelor of Technology in Civil Engineering (Artificial Intelligence and Data Science)					14	0	16	22																					
1	VIII/ IV		130108111	Earthquake Engineering	Theory	Core	Separate	3	0	0	3	60	24	5	20	5	10	40	16	-	-	-	-	-	-	-	-	-	40	External+Internal		
2			130108112	Entrepreneurship & Digital Product Management	Practical	Core	Separate	0	0	4	2	-	-	-	-	-	-	-	-	20	10	30	12	5	5	10	20	8	20	External+Internal		
3			130108113	Civil Engineering Simulation Lab (Skill Enhancement Course)-VI	Practical	SEC	Separate	0	0	4	2	-	-	-	-	-	-	-	-	20	10	30	12	5	5	10	20	8	20	External+Internal		
4			130108114	Research Project/ Dissertation	Practical	Core	Separate	0	0	20	10	-	-	-	-	-	-	-	-	80	40	120	48	#	20	40	80	32	80	External+Internal		
				Choose one of the following																												
				130108115	Structural Dynamics	Theory (Program Elective-VI)	DSE	Separate	3	0	0	3	60	24	5	20	5	10	40	16	-	-	-	-	-	-	-	-	-	40	External+Internal	
				130108116	Stochastic Hydrology																											
				130108117	New Age Transit System																											
				130108118	Urban Environmental Quality Management																											
			Total Credits of the Semester for Bachelor of Technology in Civil Engineering					6	0	28	20																					
			Choose below for Bachelor of Technology in Civil Engineering (Artificial Intelligence and Data Science)																													
6			130108119	Neural Network and Deep Learning	Theory	DSE	Separate	3	0	0	3	60	24	5	20	5	10	40	16	-	-	-	-	-	-	-	-	-	40	External+Internal		
7			130108120	Neural Network and Deep Learning Lab	Practical	DSE	Separate	0	0	2	1	-	-	-	-	-	-	-	-	20	10	30	12	5	5	10	20	8	20	External+Internal		
			Total Credits of the Semester for Bachelor of Technology in Civil Engineering (Artificial Intelligence and Data Science)					9	0	30	24																					

Important Related Information	
Total credits required for the degree Bachelor of Technology in Civil Engineering	160
Total credits required for the degree Bachelor of Technology in Civil Engineering (Artificial Intelligence and Data Science)	184
Is there provision for Internal Marks Revision	As Per University Norms
Number of chances for reappear	As Per University Norms
Promotion Criteria	As Per University Norms