

COURSE STRUCTURE
B. Tech. Civil Engineering

I Semester

S. No.	Subject Code	Subject Title	Periods per week			C	Scheme of Examination Maximum Marks		
			L	T	P		Int.	Ext.	Total
1.	17198101	English - I	3	1	-	3	40	60	100
2.	17198102	Mathematics-I	3	1	-	3	40	60	100
3.	17195103	Computer Programming	3	1	-	3	40	60	100
4.	17198104	Engineering Physics	3	1	-	3	40	60	100
5.	17198105	Environmental Studies	3	1	-	3	40	60	100
6.	17193176	Engineering Drawing	1	-	3	3	40	60	100
7.	17198111	English Communication skills Lab I	-	-	3	2	50	50	100
8.	17198112	Engineering Physics Lab	-	-	3	2	50	50	100
9.	17195113	Computer Programming Lab	-	-	3	2	50	50	100
Total			16	5	12	24	390	510	900

L - LECTURE T - TUTORIAL P - PRACTICAL C - CREDITS Int. - INTERNAL Ext. - EXTERNAL

University Nominee
(Dr. G.V.R. Prasada Raju) *WN*

Subject Expert
(Dr. D. Rama Seshu) *LS*

Industry Expert
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Internal Member
(Ms J.L. Sudha) *Sudha*

Internal Member
(Ms. N.D.Anusha) *N.D. Anusha*

Internal Member
(Mr.A. Rajendra) *A. Rajendra*

Alumini

DVB
Chairman-BOS
(Dr. D.Venkateswarlu)

COURSE STRUCTURE
B. Tech. Civil Engineering

II Semester

I Year	Subject Code	Subject Title	Periods per week			C	Scheme of Examination Maximum Marks		
			L	T	P		Int.	Ext.	Total
	17198201	English - II	3	1	-	3	40	60	100
	17198202	Mathematics-II	3	1	-	3	40	60	100
	17198203	Mathematics-III	3	1	-	3	40	60	100
	17198204	Engineering Chemistry	3	1	-	3	40	60	100
	17193205	Engineering Mechanics	3	1	-	3	40	60	100
	17198206	Professional Ethics and human values	1	2	-	1	40	60	100
	17198211	English Communication skills Lab II	-	-	3	2	50	50	100
	17198213	Engineering Chemistry Lab	-	-	3	2	50	50	100
	17198281	Engineering work shop & IT work shop	-	-	3	2	50	50	100
Total			16	7	9	22	390	510	900

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D.V.B.
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S. No.	II Year Subject Code	Subject Title	Periods per week			C	I Semester Scheme of Examination Maximum Marks		
			L	T	P		Int.	Ext.	Total
1.	17112301	Basic Electrical & Electronics Engineering	3	1	-	3	40	60	100
2.	17110302	Building Materials and Constructions	3	1	-	3	40	60	100
3.	17110303	Building Planning & Drawing	1	-	3	3	40	60	100
4.	17110304	Strength of Materials-I	3	1	-	3	40	60	100
5.	17110305	Surveying	3	1	-	3	40	60	100
6.	17110306	Fluid Mechanics	3	1	-	3	40	60	100
7.	17110311	Surveying - Field Work	-	-	3	2	50	50	100
8.	17110312	Strength of Materials Lab	-	-	3	2	50	50	100
9.	17110313	Building Drawing using Auto CAD	1	-	3	2	50	50	100
Total			17	5	12	24	390	510	900

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S. No.	II Year Subject Code	Subject Title	Periods per week			C	II Semester Scheme of Examination Maximum Marks		
			L	T	P		Int.	Ext.	Total
1.	17110401	Statistics through R - Programming	3	1	-	3	40	60	100
2.	17110402	Strength of Materials-II	3	1	-	3	40	60	100
3.	17110403	Hydraulics and Hydraulic Machinery	3	1	-	3	40	60	100
4.	17110404	Concrete Technology	3	1	-	3	40	60	100
5.	17110405	Structural Analysis - I	3	1	-	3	40	60	100
6.	17110406	Environmental Engineering - I	3	1	-	3	40	60	100
7.	17119407	Soft Skills -I	1	2	-	1	40	60	100
8.	17110411	Fluid Mechanics and Hydraulic Machinery Lab	-	-	3	2	50	50	100
9.	17110412	Concrete Technology Lab	-	-	3	2	50	50	100
Total			19	8	6	23	380	520	900

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S. No.	III Year	Subject Code	Subject Title	Periods per week			C	I Semester Scheme of Examination Maximum Marks		
				L	T	P		Int.	Ext.	Total
1.		17119501	Managerial Economics and Financial Analysis	3	1	-	3	40	60	100
2.		17110502	Design of Reinforced Concrete Structures	3	1	-	3	40	60	100
3.		17110503	Structural Analysis - II	3	1	-	3	40	60	100
4.		17110504	Soil Mechanics	3	1	-	3	40	60	100
5.		17110505	Transportation Engineering - I	3	1	-	3	40	60	100
6.		17110506	Engineering Geology	3	1	-	3	40	60	100
7.		17110511	Soil Mechanics Lab	-	-	3	2	50	50	100
8.		17110512	Transportation Engineering Lab	-	-	3	2	50	50	100
9.		17110521	Mini Project - I	-	-	-	2	100	-	100
Total				18	6	6	24	440	460	900

Mini Project - I - To be done during summer vacation after II-II semester

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COURSE STRUCTURE
B. Tech. Civil Engineering

S. No.	III Year		II Semester						
	Subject Code	Subject Title	Periods per week			C	Scheme of Examination Maximum Marks		
			L	T	P		Int.	Ext.	Total
1.	17110601	Design of Steel Structures	3	1	-	3	40	60	100
2.	17110602	Foundation Engineering	3	1	-	3	40	60	100
3.	17110603	Transportation Engineering - II	3	1	-	3	40	60	100
4.	17110604	Environmental Engineering - II	3	1	-	3	40	60	100
5.	17110605	Water Resources Engineering - I	3	1	-	3	40	60	100
6.	17110666	OPEN ELECTIVE	3	1	-	3	40	60	100
	17110666a	Environmental Pollution and Control							
	17110666b	Disaster Management							
	17110666c	Architecture and Town Planning							
	17110666d	Green Technologies ✓							
7.	17119607	Soft Skills -II	1	2	-	1	40	60	100
8.	17110611	Environmental Engineering Lab	-	-	3	2	50	50	100
9.	17110612	Engineering Geology Lab	-	-	3	2	50	50	100
Total			19	8	6	23	380	520	900

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Internal Member
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D.V. Venkateswarlu
Chairman BOS
(Dr. D.Venkateswarlu)

COURSE STRUCTURE
B. Tech. Civil Engineering

IV Year

I Semester

S. No.	Subject Code	Subject Title	Periods per week			C	Scheme of Examination Maximum Marks		
			L	T	P		Int.	Ext.	Total
1.	17110701	Water Resource Engineering -II	3	1	-	3	40	60	100
2.	17110702	Construction Technology and Management	3	1	-	3	40	60	100
3.	17110703	Prestressed Concrete	3	1	-	3	40	60	100
4.	17110704	Remote Sensing and GIS Applications	3	1	-	3	40	60	100
5.	17110765	ELECTIVE-I							
	17110765a	Ground Improvement Techniques							
	17110765b	Bridge Engineering							
	17110765c	Urban Hydrology	3	1	-	3	40	60	100
	17110765d	Advanced Surveying							
	17110765e	Repair and Rehabilitation of Structures							
6.	17110766	ELECTIVE - II							
	17110766a	Environmental Impact Assessment and Management							
	17110766b	Advanced Structural Engineering	3	1	-	3	40	60	100
	17110766c	Design and Drawing of Irrigation structures							
	17110766d	Traffic Engineering							
	17110766e	Water Resources System Planning							
7.	17110711	Design and Detailing Lab	-	-	3	2	50	50	100
8.	17110712	GIS & CAD Lab	-	-	3	2	50	50	100
9.	17110721	Mini Project - II	-	-	-	2	100	-	100
Total			18	6	6	24	440	460	900

Mini Project - II - To be done during summer vacation after III-II semester

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II Semester

S. No.	Subject Code	Subject Title	Periods per week			C	Scheme of Examination Maximum Marks		
			L	T	P		Int.	Ext.	Total
1.	17110801	Estimating, Specifications & Contracts	3	1	-	3	40	60	100
2.	17110862	ELECTIVE-III	3	1	-	3	40	60	100
	17110862a	Advanced foundation Engineering							
	17110862b	Earthquake Resistant Design							
	17110862c	Solid waste Management							
	17110862d	Pavement Analysis & Design and evaluation							
	17110862e	Urban Transportation Planning							
3.	17119803	Intellectual Property Rights & Patents	1	2	-	1	40	60	100
4.	17110841	Project Work	-	-	-	9	60	140	200
	Total		7	4	-	16	180	320	500

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