# Scheme of Examination

(Applicable for Admitted from Academic Session 2019-20 onwards)

PROGRAMME: Bachelor of Technology

BRANCH : Civil Engineering SEMESTER: III

		VII Erigineering			Max	kimum	Mark	s Allotte	d				, DE		
				The	ory Slot			Practical S			Teaching Hours Per Week				
								Term	Work					lits	
S No.	Subject Code	Subject Name	End Sem	MST	Quiz, Assignment	Attendance	End Sem	Lab Performance, Lab Record & Viva	Assignment /Quiz/Attendance	Total Marks	L	Т	P	Total Credits	Remark
1	BT-1301	Engineering Mathematics -II	<b>7</b> 0	20	05	05	-	-	-	100	3		-	04	1 ifer
2	CET-1302	Transportation Engineering-I	70	20	05	05	-	20	Ar	100	3	1	7-1	04	ture (L) refer 1 Tutorial (T) refer hour Practical (P)
3	CET-1303	Strength of Material	70	20	05	05	35	10	05	150	3		2	05	rrial Prac
4	CET-1304	Building Design & Drawing	70	20	05	05	35	10	05	150	3	1	2	05	ure Tuto hour
5	CET-1305	Rock Mechanics & Engineering	70	20	05	05	35	10	05	150	3	1	2	05	Lecture (L) hour Tutorial of one hour Practicular
6	BT-1306	C++ Programming	-	-	-	-	35	10	05	50	-	-	2	01	hour, one lit an 0.5 cr
7	BT-1307	Professional Skills	-	-	-		-	-	50	50	-	-	2	01	One hour Lectu credit, one hour 1 redit and one herefer 0.5 credit.
8	CET-1308	AutoCAD-I	-	-	-	-	35	10	05	50	-	-	2	01	Grand Total
		Total	350	100	25	25	175	50	75	800	15	05	12	26	800

MST: Mid Semester Test (at least twice per Semester)

L: Lecture

T: Tutorial

P: Practical

### Scheme of Examination

#### (Applicable for Admitted from Academic Session 2019-20 onwards)

**PROGRAMME:** Bachelor of Technology **BRANCH**: Civil Engineering

SEMESTER: IV **Maximum Marks Allotted Teaching Hours Per Theory Slot Practical Slot** Week **Total Credits Term Work** Quiz, Assignment **Total Marks** S. **Subject** Attendance Performance, Lab Record & Assignment /Quiz/Attenda **Subject Name** Remark End Sem End Sem No. Code **MST** Lab nce T P L Engineering Mathematics -III credit, one hour Tutorial (T) refer 1 credit, one hour Practical (P) refer 0.5 credit. BT-1401 70 05 05 100 3 04 20 1 1 refer 2 CET-1402 Concrete Technology **7**0 05 100 3 04 20 05 Construction Material & hour Lecture (L) 3 05 CET-1403 20 05 35 70 10 05 **150** 3 05 **Techniques** Surveying -I 05 35 10 05 05 CET-1404 70 20 05 150 4 3 1 2 Fluid Mechanics -I CET-1405 35 05 5 70 20 05 05 10 05 150 3 1 2 Material Testing Lab. 35 2 6 CET-1406 10 05 **50** 01 One **Social Engineering** BT-1407 **50** 01 7 50 2

35

175

25

25

350

100

10

50

MST: Mid Semester Test (at least twice per Semester)

AutoCAD-II

**Total** 

8

CET-1408

L: Lecture

05

75

**50** 

800

T: Tutorial

15

P: Practical

01

26

2

12

05

Grand

**Total** 

800

## **Scheme of Examination**

(Applicable for Admitted from Academic Session 2019-20 onwards)

**PROGRAMME:** Bachelor of Technology

**BRANCH** : Civil Engineering SEMESTER: V

					Max	ximum	Mark	s Allotted							
				The	ory Slot		]	Practical S	lot		Teaching Hours Per Week				
								Term \	Work	70				lits	
S. No.	Subject Code	Subject Name	End Sem	MST	Quiz, Assignment	Attendance	End Sem	Lab Performance, Lab Record & Viva	Assignment /Quiz/Attendance	Total Marks	L	Т	P	Total Credits	Remark
1	BT-1501	Entrepreneurship & IPR	<b>7</b> 0	20	05	05	A	-	1-	100	3	1	'	04	1 fer (P)
2	CET-1502	Transportation Engineering II	70	20	05	05	A		16	100	3	1		04	One hour Lecture (L) refer 1 credit, one hour Tutorial (T) refer 1 credit, one hour Practical (P) refer 0.5 credit.
3	CET-1503	Design of RCC Structure-I	70	20	05	05	35	10	05	150	3	1	2	05	torial Pra
4	CET-1504	Surveying-II	70	20	05	05	35	10	05	150	3	1	2	05	Lecture nour Tuto ne hour edit.
5	CET-1505	Fluid Mechanics-II	70	20	05	05	35	10	05	150	3	1	2	05	r Lect e hour one h
6	CET-1506	Highway Material Testing Lab	1	-	-	1	35	10	05	50	-	-	2	01	ne hour edit, one credit, c fer 0.5 c
7	CET-1507	Industrial Training-I	ı	-	-	ı	70	20	10	100	-	-	4	02	One credit 1 cre refer
8	BT-1508	#Indian Constitution	35	00	10	05	-	-	-	50	2	-	-	00	Grand Total
	ſ	ΓΟΤΑL	350	100	25	25	210	60	30	800	17	05	12	26	800

# Mandatory (Non Credit) subject as per UGC & AICTE. Non University Examination, End Sem marks not to be included in total marks and credit. Students must pass in this subject.

L: Lecture T: Tutorial P: Practical

MST: Mid Semester Test (at least twice per Semester)

## **Scheme of Examination**

(Applicable for Admitted from Academic Session 2019-20 onwards)

**PROGRAMME:** Bachelor of Technology

**BRANCH** : Civil Engineering SEMESTER: VI

					Max	ximum	Mark	s Allotted	d						
				The	ory Slot			Practical S	Slot			ching l er We	Hours eek		
S. No.	Subject Code	Subject Name	End Sem	MST	Quiz, Assignment	Attendance	End Sem	Lab Record & an Viva	Assignment /Quiz/Attendance	Total Marks	L	Т	P	Total Credits	Remark
1	Refer Table -I	Open Elective	70	20	05	05	-	-	-	100	3	1	-	04	refer 1 rial (T) hour credit.
2	CET-1602	Theory of Structure- I	70	20	05	05		0-0	<u> </u>	100	3	1	-	04	re ria cr
3	CET-1603	Design of RCC Structure-II	<b>7</b> 0	20	05	05	35	10	-05	150	3	1	2	05	e (L) Tutor one or 0.5
4	CET-1604	Environmental EnggI	70	20	05	05	35	10	05	150	3	4	2	05	our Lecture one hour ' 1 credit, al (P) refer
5	CET-1605	Geotechnical EnggI	70	20	05	05	35	10	05	150	3	1	2	05	ur L one j co il (P)
6	CET-1606	Theory of Structure Lab	-	-	-	-	35	10	05	50	-	-	2	01	One hour Lecture (L) credit, one hour Tutor refer 1 credit, one Practical (P) refer 0.5
7	BT-1607	Research Methodology	-	-	-	-	-	-	50	50	-	-	2	01	One cree refe Pra
8	BT-1608	GD/Seminar	-	-	-	-	-	-	50	50	-	-	2	01	Grand Total
		Total	350	100	25	25	140	40	120	800	15	05	12	26	800

**Table I: Open Elective** 

Subject Code	BT-16101	BT-16102	BT-16103			
Name of Open	Ethical Hacking & Cyber Security	Human Health & Nutrition Disorder	Human Basauraa Managamant			
Elective Subject	Ethical Hacking & Cyber Security	Human Heatin & Nutrition Disorder	Human Resource Management			

MST: Mid Semester Test (at least twice per Semester)

# Scheme of Examination

(Applicable for Admitted from Academic Session 2019-20 onwards)

PROGRAMME: Bachelor of Technology

BRANCH : Civil Engineering SEMESTER: VII

		in Erigineering			Max	imum	Mark	xs Allotted						STER. V	
				The	ory Slot			Practical S		Teaching Hours Per Week					
S. No.	Subject Code	Subject Name	End Sem	MST	Quiz, Assignment	Attendance	End Sem	Lab Performance, Lab Record & manuely	nent ndance	Total Marks	L	Т	P	Total Credits	Remark
1	Refer to Table-II	Professional Elective - I	70	20	05	05	-	-	-	100	3	1	-1	04	(T)
2	CET-1702	Design of Steel Structure-I	70	20	05	05	-6	90		100	3	1		04	(L) refer Tutorial (
3	CET-1703	Theory of Structure-II	70	20	05	05	35	10	05	150	3	1	2	05	our Lecture (L) refer 1 one hour Tutorial (T) credit, one hour Practical r 0.5 credit.
4	CET-1704	Environmental Engineering-I	70	20	05	05	35	10	05	150	3	1	2	05	ecture hour t, one h credit.
5	CET-1705	Steel Structure Lab-I	1	-	1	ı	1	1	50	50	1	1	2	01	one cone credit,
6	CET-1706	Minor Project	1	-	-	1	105	40	05	150	-	-	6	03	hc it, 1 efe
7	CET-1707	Industrial Training-II	1	-	-	1	70	25	05	100	-	-	4	02	One credi refer (P) r
		Total	280	80	20	20	245	85	70	800	12	04	16	24	

#### Table II: Professional Elective-I

Subject Code	CET-17101	CET-17102	CET-17103
Name of Professional Elective-I Subject	Traffic Engineering	Cost Effective and Eco friendly Construction	Design of hydraulic Structure

MST: Mid Semester Test (at least twice per Semester)

L: Lecture

T: Tutorial

P: Practical

### **Scheme of Examination**

(Applicable for Admitted from Academic Session 2019-20 onwards)

**PROGRAMME:** Bachelor of Technology

BRANCH : Civil Engineering SEMESTER: VIII

					M	aximu	m Mar	ks Allotted					_		
				Theo	ry Slot		1	Practical Slo	ot		Teaching Hours Per Week				
								Term W	ork					its	
S. No.	Subject Code	Subject Name	End Sem	MST	Quiz, Assignment	Attendance	End Sem	Lab Performance, Lab Record & Viva	Assignment /Quiz/Attendance	Total Marks	L	Т	P	Total Credits	Remark
1	Refer to Table - III	Professional Elective - II	70	20	05	05	-	-	-	100	3	1	-	04	r 1 efer (P)
2	CET-1802	Design of Steel Structure-II	70	20	05	05	Λ-	_	١ (	100	3	1	-	04	(L) refer 1 vial (T) refer Practical (P)
3	CET-1803	Geotechnical EnggII	70	20	05	05	35	10	05	150	3	1	2	05	
4	CET-1804	Estimation & Costing	70	20	05	05	35	10	05	150	3	1	2	05	ecture our Tut hour
5	CET-1805	Steel Structure Lab-II	-	-	-	-	-	-	50	50	-	-	2	01	
6	CET-1806	Major Project	-	-	-	-	140	55	05	200	-	-	8	04	hou , on dit, 0.5
7	BT-1807	Professional Ethics and Proficiency	-	-	-	-	35	10	05	50	-	-	2	01	One credit 1 cre refer
		Total	280	80	20	20	245	85	70	800	12	04	16	24	800

MST: Mid Semester Test (at least twice per Semester)

L: Lecture

T: Tutorial

P: Practical

#### Table III: Professional Elective-II

Subject Code	CET-18101	CET-18102	CET-18103			
Name of Professional Elective –II	Pavement Design	Structural Dynamic & Earthquake Engineering	Construction Planning &			
Subject	r avement Design	Structural Dynamic & Earthquake Engineering	Management			

MST: Mid Semester Test (at least twice per Semester)

L: Lecture

T: Tutorial

P: Practical