



# Chhattisgarh Swami Vivekanand Technical University (CSVTU), Bhilai (C.G.)

## SCHEME OF TEACHING AND EXAMINATION

### B.Tech (Third Semester – Civil Engineering)

Sl. No.	Board of Studies (BOS)	Courses (Subject)	Course Code	Period per Week			Scheme of Examination			Total Marks	Credit
				L	T	P	Theory/Lab				
							ESE	CT	TA		
1.	Basic Science	Mathematics - III	B000311(014)	3	1	-	100	20	30	150	4
2.	Civil Engg.	Introduction to Fluid Mechanics	B020312(020)	3	1	-	100	20	30	150	4
3.	Civil Engg.	Introduction to Solid Mechanics	B020313(020)	3	1	-	100	20	30	150	4
4.	Civil Engg.	Plane Surveying	B020314(020)	3		-	100	20	30	150	3
5.	Civil Engg.	Building Materials	B020315(020)	2	-	-	100	20	30	150	2
6.	Civil Engg.	Fluid Mechanics Lab	B020321(020)	-	-	2	40	-	20	60	1
7.	Civil Engg.	Surveying Lab	B020322(020)	-	-	2	40	-	20	60	1
8.	Civil Engg.	Building Material Lab	B020323(020)	-	-	2	40	-	20	60	1
9.	Civil Engg.	Software Lab	B020324(020)	-	-	2	40	-	20	60	1
10.	Humanities	Personality Development	B000306(046)	-	-	2	-	-	10	10	-
<b>Total Marks</b>				<b>14</b>	<b>3</b>	<b>10</b>	<b>660</b>	<b>100</b>	<b>240</b>	<b>1000</b>	<b>21</b>

**L-Lecture, T-Tutorial, P-Practical, ESE-End Semester Exam, CT- Class Test, TA-Teacher's Assessment**



# Chhattisgarh Swami Vivekanand Technical University (CSVTU), Bhilai (CG)

## SCHEME OF TEACHING AND EXAMINATION

### Courses of Study and Scheme of Examination B. Tech. (4<sup>th</sup> Semester) –Civil Engineering

Sl. No.	Board of Studies (BOS)	Courses (Subject)	Course Code	Period per Week			Scheme of Examination			Total Marks	Credit
				L	T	P	Theory/Lab				
							ESE	CT	TA		
1.	Civil Engg.	Structural Analysis-I	B020411(020)	3	1	-	100	20	30	150	4
2.	Civil Engg	Hydraulic Engineering	B020412(020)	3	1	-	100	20	30	150	4
3.	Civil Engg	Surveying and geomatics	B020413(020)	3	1	-	100	20	30	150	4
4.	Civil Engg	Building Construction	B020414(020)	3		-	100	20	30	150	3
5.	Civil Engg	Engineering Geology	B020415(020)	2		-	100	20	30	150	2
6.	Civil Engg	Hydraulics Lab	B020421(020)	-	-	2	40	-	20	60	1
7.	Civil Engg	Surveying and Geomatics Lab	B020422(020)	-	-	2	40	-	20	60	1
8.	Civil Engg	Geology Lab	B020423(020)	-	-	2	40	-	20	60	1
9.	Civil Engg	Virtual Lab	B020424(020)	-	-	2	40	-	20	60	1
10.	Non- credit course	Indian Culture and Constitution of India	B000406(046)	-	-	2	-	-	10	10	-
<b>Total Marks</b>				<b>14</b>	<b>3</b>	<b>10</b>	<b>660</b>	<b>100</b>	<b>240</b>	<b>1000</b>	<b>21</b>
<b>Internship-I to be completed after fourth semester exam and its evaluation to be done in fifth semester</b>											

L-Lecture, T-Tutorial, P-Practical, ESE-End Semester Exam, CT- Class Test, TA-Teacher's Assessment



# Chhattisgarh Swami Vivekanand Technical University (CSVTU, NEWAI (C.G.))

## SCHEME OF TEACHING AND EXAMINATION

### B Tech (Fifth Semester - CIVIL ENGINEERING)

Sl. No.	Board of Studies	Courses (Subject)	Course Code	Period per Week			Theory/Lab			Total Marks	Credits
				L	T	P	ESE	CT	TA		
1.	Civil Engg.	Structural Engineering Design-I	C020511(020)	3	1	-	100	20	30	150	4
2.	Civil Engg.	Hydrology & Water Resources Engineering	C020512(020)	3	1	-	100	20	30	150	4
3.	Civil Engg.	Geotechnical Engineering	C020513(020)	3	1	-	100	20	30	150	4
4.	Civil Engg.	Transportation Engineering	C020514(020)	2	1	-	100	20	30	150	3
5.	Professional Elective –I(Refer Table I)			2	0	-	100	20	30	150	2
6.	Civil Engg.	Structural Analysis lab	C020521(020)	-	-	2	40	-	20	60	1
7.	Civil Engg.	Transportation Engineering Lab	C020522(020)	-	-	2	40	-	20	60	1
8.	Civil Engg.	Geotechnical Engineering Lab	C020523(020)	-	-	2	40	-	20	60	1
9.	Civil Engg.	Project-I based on Summer Internship/ Industrial Training	C020524(020)	-	-	2	40	-	20	60	1
10.	Civil Engg	Environmental Studies	C000506(020)	-	-	2	-	-	10	10	-
<b>Total</b>				<b>13</b>	<b>4</b>	<b>10</b>	<b>660</b>	<b>100</b>	<b>240</b>	<b>1000</b>	<b>21</b>

L – Lecturer

P – Practical,

TA – Teacher's Assessment

T – Tutorial,

ESE – End Semester Exam,

CT –ClassTest

#### Professional Elective I

S.N.	Board of Studies	Course Code	Subject
1	Civil Engg	C020531(020)	Structural Analysis-II
2	Civil Engg	C020532(020)	Repairs and rehabilitation of structures
3	Civil Engg	C020533(020)	Groundwater Engineering

Note: (1) 1/4<sup>th</sup> of total strength of students subject to minimum of 20 students is required to offer and elective in the college in a particular academic session.

(2) Choice of elective course once made for an examination cannot be changed in future examinations.