



Chhattisgarh Swami Vivekanand Technical University, Bhilai

CSV TU, NEWAI (C.G.)

SCHEME OF TEACHING AND EXAMINATION

Scheme for B.Tech Civil Engineering (Honors) First Semester (3144)

S.N	Board of Studies (BOS)	Courses (Subject)	Subject Code	Course Category	Period per week			Scheme of Examination			Total Marks	Credits	Assessment/Assignment hours per week	Teaching Hours/Sem
								Theory/Lab						
					L	T	P	ESE	CT	TA				
1	Applied Mathematics	Engineering Mathematics-I	3144A01AT014	BFC-BSC	3	1	-	100	20	20	140	4	2	60
2	Mechanical Engineering	Engineering Mechanics	3144A02AT020	BFC-ESC	2	1	-	100	20	20	140	3	2	45
3	Civil Engineering	Environmental & Ecology Engineering	3144A03AT020	BFC-PCC	3	-	-	100	20	20	140	3	1	45
4	Civil Engineering	Civil Engg. Materials and Construction	3144A04CT020	SBS-PCC	3	-	-	100	20	20	140	3	1	45
5	Computer Science Engineering	Fundamental of Computer and Information Technology	3144A05AT022	BFC-ESC	3	-	-	100	20	20	140	3	1	45
6	Humanities	Professional Communication Skills	3127A06DT046	AEC	2	-	-	50	10	10	70	2	1	30
7	Humanities	Foundation Course on Ancient Indian Knowledge	3127A07ET046	IKS	2	-	-	50	10	10	70	2	1	30
8	Civil Engineering	Civil Engg. Materials Testing (Lab)	3144A01CL020	SBS-PCC	-	-	4	40	-	20	60	2	-	60
9	Computer Science Engineering	Fundamental of Computer and Information Technology (Lab)	3144A02AL022	BFC-ESC	-	-	2	40	-	20	60	1	-	30
10	Humanities	Value Education	3144A03FL046	VAC MNC AU	-	-	2	-	-	20	20	-	-	30
11	Humanities	Sports & Yoga /Social Service/Community Services	3144A04FL046	VAC MNC AU	-	-	2	-	-	-	20	-	-	30
12		Library		-	-	1	-	-	-	-	-	-	-	15
				Total	18	3	10	680	120	180	1000	23	135	465
Total Learning Hours/Semester													600	

L-Lecture, P-Practical, ESE-End semester Exam, CT-Class Test, TA-Teacher's Assessment

Note:

AEC- Ability Enhancement Course

SBS- Skilled Based Subject

IKS- Indian Knowledge System

VAC- Value Added Course

MNC AU- Mandatory Non Credit Courses – Audit Course

BFC- Basics Foundation Course

BSC- Basic Science Courses

ESC- Engineering Science Courses

PCC- Professional Core Courses

HSMC- Humanities, Social Sciences & Management Courses



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SCHEME OF TEACHING AND EXAMINATION

Scheme for B Tech Civil Engineering (Honors) Second Semester (3144)

S.N	Board of Studies (BOS)	Courses (Subject)	Subject Code	Course Category	Period per week			Scheme of Examination			Total Marks	Credits	Assessment/ Assignment hours per week	Teaching Hours/Sem
					L	T	P	Theory/Lab						
								ESE	CT	TA				
1	Applied Mathematics	Engineering Mathematics-II	3144B01AT014	BFC-BSC	3	1	-	100	20	20	140	4	1	60
2	Civil Engineering	Engineering Surveying	3144B02CT020	SBS-PCC	2	1	-	100	20	20	140	3	1	45
3	Civil Engineering	Engineering Geology	3144B03AT020	BFC-PCC	3	-	-	100	20	20	140	3	1	45
4	Mechanical Engineering	Engineering Graphics and Design	3144B04AT037	BFC-ESC	3	-	-	100	20	20	140	3	1	45
5	Humanities	Indian Culture and Constitution	3127B06ET046	IKS	2	-	-	50	10	10	70	2	1	30
6	Computer Science Engineering	Learning Programming Concepts with C	3144B05DT022	AEC	2	-	-	50	10	10	70	2	1	30
7	Civil Engineering	Engineering Surveying (Lab)	3144B01AL020	BFC-PCC	-	-	4	40	-	20	60	2	1	60
8	Civil Engineering	Engineering Geology (Lab)	3144B02AL020	BFC-PCC	-	-	4	40	-	20	60	2	1	60
9	Mechanical Engineering	Engineering Graphics and Design (Lab)	3144B03AL037	BFC-ESC	-	-	2	40	-	20	60	1	-	30
10	Computer Science Engineering	Learning Programming Concepts with C (Lab)	3144B04DL022	AEC	-	-	2	40	-	20	60	1	-	30
11	Management	Cyber Law and Ethics	3144B07FT076	VAC MNC AU	1	-	-	-	-	30	30	-	-	15
12	Civil Engineering	Civil Engg- Societal and Global Impact	3144B08FT020	VAC MNC AU	1	-	-	-	-	30	30	-	-	15
13		Library		-		1	-	-	-	-	-	-	-	15
				Total	17	3	12	660	100	240	1000	23	120	480
Total Learning Hours/Semester													600	

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

Note:

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SCHEME OF TEACHING AND EXAMINATION

B.Tech (Honors) Civil Engineering [NEP] Third Semester (3144)

S. N	Board of Studies (BOS)	Courses (Subject)	Subject Code	Course Category	Period per week			Scheme of Examination			Total Marks	Credits	Assessment/ Assignment hours per week	Teaching Hours/sem
					L	T	P	Theory/Lab						
								ESE	CT	TA				
1	Civil Engineering	Fluid Mechanics	3144C01BT020	PCC	3	1	-	100	20	20	140	4	1	60
2	Civil Engineering	Mechanics of Solids	3144C02BT020	PCC	3	1	-	100	20	20	140	4	1	60
3	Civil Engineering	Engineering Hydrology	3144C03BT020	PCC	3	-	-	100	20	20	140	3	1	45
4	Civil Engineering	Highway and Transportation Engineering	3144C04BT020	PCC	3	-	-	100	20	20	140	3	1	45
5	Civil Engineering	Concrete Technology	3144C05CT020	SBS	3	-	-	50	10	10	70	3	1	45
6	Humanities	Indian Traditional Knowledge: Science & Practices	3127C06ET046	IKS	2	-	-	50	10	10	70	2	1	30
7	Civil Engineering	Fluid Mechanics lab	3144C07BT020	PCC	-	-	2	40	-	20	60	2	1	30
8	Civil Engineering	Structural Mechanics Lab	3144C08BT020	PCC	-	-	2	40	-	20	60	2	1	30
9	Civil Engineering	Transportation Engg. Lab	3144C01BL020	PCC	-	-	2	40	-	20	60	2	1	30
10	Civil Engineering	Concrete Technology Lab	3144C02CL020	SBS	-	-	2	40	-	20	60	2	-	30
11	Civil Engineering	Idea Innovation Lab	3144C03FL020	MNC-AU-VAC	-	-	2	-	-	30	30	-	-	30
12	Humanities	Personality Development	3144C04FL046	MNC-AU-VAC	-	-	2	-	-	30	30	-	-	30
13		Library			-	1	-	-	-	-	-	-	-	-
				Total	17	3	12	660	100	240	1000	27	135	465
Total Learning Hours/Semester													600	

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

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