



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

SCHEME OF TEACHING AND EXAMINATION

B.Tech (Honours) Civil Engineering (First Semester)

S.N.	Board of Studies	Courses (Subject)	Subject Code	Period per Week			Theory/Lab			Total Marks	Credits
				L	T	P	ESE	CT	TA		
1	Basic Science	Engineering Mathematics-I	A144171(014)	3	1	0	100	20	20	140	4
2	Civil Engineering	Engineering Graphics and Design	A144172(020)	3	1	0	100	20	20	140	4
3	Computer Science Engineering	Learning Programming Concepts with C	A000173(022)	3	0	0	100	20	20	140	3
4	Civil Engineering	Environmental & Ecology	A144174(020)	3	1	0	100	20	20	140	4
5	Civil Engineering	Civil Engineering Materials and Construction	A144175(020)	3	0	0	100	20	20	140	3
6	Civil Engineering	Engineering Graphics and Design Lab	A144191(020)	0	0	3	40	-	20	60	2
7	Computer Science Engineering	Learning Programming Concepts with C Lab	A000192(022)	0	0	3	40	-	20	60	2
8	Civil Engineering	Civil Engineering Materials Testing Lab	A144193(020)	0	0	3	40	-	20	60	2
9	Humanities	Language & Writing Skills	A000177(046)	0	0	2	40	-	20	60	1
10	Humanities	NCC-1/NSS-1	A144194(046)	0	0	2	40	-	20	60	1
Total				15	3	13	700	100	200	1000	26

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



Chhattisgarh Swami Vivekanand Technical University (CSV TU, NEWAI (C.G.))

SCHEME OF TEACHING AND EXAMINATION

B.Tech (Honours) Civil Engineering (Second Semester)

S.N.	Board of Studies	Courses (Subject)	Subject Code	Period per Week			Theory/Lab			Total Marks	Credits
				L	T	P	ESE	CT	TA		
1	Basic Science	Engineering Mathematics-II	A144271(014)	3	1	0	100	20	20	140	4
2	Civil Engineering	Engineering Mechanics	A144272(020)	3	1	0	100	20	20	140	4
3	Computer Science Engineering	Object Oriented Programming	A000273(022)	3	0	0	100	20	20	140	3
4	Civil Engineering	Engineering Surveying	A144274(020)	3	1	0	100	20	20	140	4
5	Civil Engineering	Engineering Geology	A144275(020)	3	0	0	100	20	20	140	3
6	Civil Engineering	Engineering Surveying Lab	A144291(020)	0	0	2	40	-	20	60	2
7	Computer Science Engineering	Object Oriented Programming Lab	A000292(022)	0	0	2	40	-	20	60	2
8	Civil Engineering	Engineering Geology Lab	A144293(020)	0	0	2	40	-	20	60	2
9	Humanities	Entrepreneurship	A000276(046)	0	0	2	40	-	20	60	1
10	Humanities	Universal Human Values	A144294(046)	0	0	2	40	-	20	60	1
Total				15	3	10	700	100	200	1000	26

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Chhattisgarh Swami Vivekanand Technical University (CSV TU, NEWAI (C.G.))

SCHEME OF TEACHING AND EXAMINATION

B.Tech (Honours) Civil Engineering (Third Semester)

S.N.	Board of Studies	Courses (Subject)	Subject Code	Period per Week			Theory/Lab			Total Marks	Credits
				L	T	P	ESE	CT	TA		
1	Civil Engineering	Fluid Mechanics	B144371(020)	2	1	0	100	20	20	140	3
2	Civil Engineering	Mechanics of Solids	B144372(020)	2	1	0	100	20	20	140	3
3	Civil Engineering	Engineering Hydrology	B144373(020)	2	1	0	100	20	20	140	3
4	Civil Engineering	Structural Analysis-I	B144374(020)	2	1	0	100	20	20	140	3
5	Civil Engineering	Highway and Transportation Engineering	B144375(020)	2	1	0	100	20	20	140	3
6	Civil Engineering	Fluid Mechanics Lab	B144391(020)	0	0	3	40	-	20	60	2
7	Civil Engineering	Engineering Hydrology Lab	B144392(020)	0	0	3	40	-	20	60	2
8	Civil Engineering	Structural Mechanics Lab	B144393(020)	0	0	3	40	-	20	60	2
9	Civil Engineering	Transportation Engineering Lab	B144394(020)	0	0	3	40	-	20	60	2
10	Civil Engineering	IPR and Publication Ethics	B144395(020)	0	0	2	-	-	60	60	1
Total				10	5	14	660	100	240	1000	24

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

SCHEME OF TEACHING AND EXAMINATION

B.Tech (Honours) Civil Engineering (Fourth Semester)

S.N.	Board of Studies	Courses (Subject)	Subject Code	Period per Week			Theory/Lab			Total Marks	Credits
				L	T	P	ESE	CT	TA		
1	Civil Engineering	Water Resources Engineering-I	B144471(020)	2	1	0	100	20	20	140	3
2	Civil Engineering	Structural Analysis-II	B144472(020)	2	1	0	100	20	20	140	3
3	Civil Engineering	Open Channel Flow and Hydraulic Machines	B144473(020)	2	1	0	100	20	20	140	3
4	Civil Engineering	Soil Mechanics	B144474(020)	2	1	0	100	20	20	140	3
5	Civil Engineering	Design of Reinforced Concrete Structures	B144475(020)	2	1	0	100	20	20	140	3
6	Civil Engineering	Structural Analysis Lab	B144491(020)	0	0	3	40	-	20	60	2
7	Civil Engineering	Hydraulic Engineering Lab	B144492(020)	0	0	3	40	-	20	60	2
8	Civil Engineering	Soil Mechanics Lab	B144493(020)	0	0	3	40	-	20	60	2
9	Civil Engineering	Structural Engineering Design Lab-I	B144494(020)	0	0	3	40	-	20	60	2
10	Civil Engineering	Scientific Writing	B144495(020)	0	0	2	-	-	60	60	1
Total				10	5	14	660	100	240	1000	24

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