



Chhattisgarh Swami Vivekanand Technical University (CSVTV), Bhilai (CG)

SCHEME OF TEACHING AND EXAMINATION

Courses of Study and Scheme of Examination of **P1 Group**
B.Tech (First Semester - Common to all Branches of Engineering) 2024 - 25

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 Sciences	Physics-I	A000117(015)	3	1	-	100	20	30	150	4
2.	Basic Sciences	Mathematics-I*	A000112(014)	3	1	-	100	20	30	150	4
3.	Electrical Engineering	Basic Electrical and Electronics Engg.	A000113(024)	2	1	-	100	20	30	150	3
4.	Mechanical Engineering	Engineering Graphics and Design	A000114(037)	1	0	-	100	20	30	150	1
5.	Computer Science	Fundamentals of Computer	A000115(022)	2	0	-	100	20	30	150	2
6.	Basic Sciences	Physics (Lab)	A000121(015)	-	-	2	40	-	20	60	1
7.	Electrical Engineering	Basic Electrical and Electronics Engg. (Lab)	A000122(024)	-	-	2	40	-	20	60	1
8.	Computer Science	Fundamentals of Computer (Lab)	A000123(022)	-	-	2	40	-	20	60	1
9.	Mechanical Engineering	Engineering Graphics and Design (Lab)	A000124(037)	-	-	4	40	-	20	60	2
10.	Humanities	Value Education	A000105(046)	-	-	-	-	-	10	10	-
Total Marks				11	3	10	660	100	240	1000	19

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

Note :

- (a) The teaching in the 1st and 2nd Semester will be divided in two groups consisting of various branches as shown below :

P1-GROUP: Electronics & Telecommunication, Mechanical, Civil, Mining, Applied Electronics & Instrumentation, Metallurgy, Mechatronics, Automobile, Production Engineering, Fashion and Apparel Engineering.

Q1-GROUP: Computer Science, Information Technology, Electronics & Instrumentation, Electrical, Chemical, Electrical & Electronics, Plastic Engineering, Agriculture Engineering, Biotechnology, Artificial Intelligence, Artificial Intelligence and Machine Learning, Artificial Intelligence and Data Sciences, Data Sciences, Cyber Security, Electronic and Computer Engineering, Computer Science and Technology.

- (b) *Mathematics-I will be taught to both the groups in the first semester.
(c) Value Education will be conducted by the relevant discipline/humanities as decided by the Principal.



Chhattisgarh Swami Vivekanand Technical University (CSVTVU), Bhilai (CG)

SCHEME OF TEACHING AND EXAMINATION

Courses of Study and Scheme of Examination of **Q1 Group**
B.Tech (Second Semester - Common to all Branches of Engineering) 2024 - 25

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 Sciences	Chemistry-I	A000211(011)	3	1	-	100	20	30	150	4
2.	Basic Sciences	Mathematics-II**	A000212(014)	3	1	-	100	20	30	150	4
3.	Computer Science	Programming for Problem Solving	A000213(022)	3	-	-	100	20	30	150	3
4.	Humanities	English	A000214(046)	2	-	-	100	20	30	150	2
5.	Civil Engineering	Basic Civil Engineering and Mechanics	A000215(020)	3	-	-	100	20	30	150	3
6.	Basic Sciences	Chemistry (Lab)	A000221(011)	-	-	2	40	-	20	60	1
7.	Computer Science	Programming for Problem Solving (Lab)	A000222(022)	-	-	4	40	-	20	60	2
8.	Civil Engineering	Basic Civil Engg. & Mechanics (Lab)	A000223(020)	-	-	2	40	-	20	60	1
9.	Mechanical Engineering	Workshop Practice/ Manufacturing Process (Lab)	A000224(037)	-	1	4	40	-	20	60	3
10.	Humanities	Language (Lab)	A000225(046)	-	-	2	-	-	10	10	1
Total Marks				14	3	14	660	100	240	1000	24

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

Note :

- (a) The teaching in the 1st and 2nd Semester will be divided in two groups consisting of various branches as shown below :

P1-GROUP: Electronics & Telecommunication, Mechanical, Civil, Mining, Applied Electronics & Instrumentation, Metallurgy, Mechatronics, Automobile, Production Engineering, Fashion and Apparel Engineering.

Q1-GROUP : Computer Science, Information Technology, Electronics & Instrumentation, Electrical, Chemical, Electrical & Electronics, Plastic Engineering, Agriculture Engineering, Biotechnology, Artificial Intelligence, Artificial Intelligence and Machine Learning, Artificial Intelligence and Data Sciences, Data Sciences, Cyber Security, Electronic and Computer Engineering, Computer Science and Technology.

- (b) **Mathematics-II will be taught to both the groups in the second semester.