



### SCHEME OF TEACHING AND EXAMINATION

#### B Tech (Sixth Semester – Computer Science 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.	Computer Science Engg.	Compiler Design	C022611(022)	3	1	-	100	20	30	150	4
2.	Computer Science Engg.	Software Engineering & Project Management	C022612(022)	3	1	-	100	20	30	150	4
3.	Computer Science Engg.	Artificial Intelligence & Expert Systems	C022613(022)	3	1	-	100	20	30	150	4
4.	Professional Elective-II (Refer Table I)			2	1	-	100	20	30	150	3
5.	Open Elective – I (Refer Table III)			2	0	-	100	20	30	150	2
6.	Computer Science Engg.	Software Engineering & Project Management Laboratory	C022621(022)	-	-	2	40	-	20	60	1
7.	Computer Science Engg.	Artificial Intelligence & Expert Systems Laboratory	C022622(022)	-	-	2	40	-	20	60	1
8.	Professional Elective –II( Lab) (Refer Table II)			-	-	2	40	-	20	60	1
9.	Computer Science Engg.	Android Application Laboratory	C022627(022)	-	-	2	40	-	20	60	1
10.	Non-Credit	Technical Communication and Soft Skill	C000601(046)	-	-	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,

T – Tutorial, TA – Teacher's Assessment  
ESE – End Semester Exam,

CT –ClassTest

**Table I (Professional Elective II)**

S.N.	Board of Studies	Subject	Course Code
1.	Computer Science Engg	Web Technologies	C022631(022)
2.	Computer Science Engg	Internet Of Things	C022632(022)
3.	Computer Science Engg	Soft Computing	C022633(022)
4.	Computer Science Engg	Network Programming	C022634(022)

**Table II (Professional Elective II Lab)**

S.N.	Board of Studies	Subject	Course Code
1.	Computer Science Engg	Web Technologies lab	C022623(022)
2.	Computer Science Engg	Internet Of Things Lab	C022624(022)
3.	Computer Science Engg	Soft Computing Lab	C022625(022)
4.	Computer Science Engg	Network Programming Lab	C022626(022)



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

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### List of Open Elective – I (Table III ) (For 6<sup>th</sup> Semester)

S.N.	Board of Studies	Subject	Course Code
1	Agriculture Engg.	Food Packaging Technology	C000601(094)
2	Agriculture Engg	Energy Management & Audit	C000602(094)
3	Agriculture Engg	Energy Conservation & Management	C000603(094)
4	Agriculture Engg	Disaster Management	C000604(094)
5	Agriculture Engg	Ecology and Sustainable Development	C000605(094)
6	Agriculture Engg	Non Conventional Energy Sources	C000606(094)
7	Mechanical Engineering	Safety Engineering	C000607(037)
8	Mechanical Engineering	Value Engineering	C000608(037)
9	Mechanical Engineering	Managing Innovation & Entrepreneurship	C000609(037)
10	Mechanical Engineering	Environment Pollution & Control	C000610(037)
11	Management	Enterprise Resource Planning ((Except CSE & IT Branch)	C000611(076)
12	Computer Science Engg.	Artificial Intelligence	C000612(022)
13	Computer Science Engg	Quantum Computing	C000613(022)
14	Computer Science Engg	Cyber Security	C000614(022)
15	Civil Engg	Construction engineering and management	C000615(020)
16	Civil Engg	Metro system and engineering	C000616(020)
17	Civil Engg	Infrastructure Planning and Management	C000617(020)
18	Computer Science Engg	Parallel Processing & Computing	C000618(022)
19	Computer Science Engg	Cryptography & Network Security	C000619(022)
20	Computer Science Engg	Cloud Computing	C000620(022)
21	Computer Science Engg	Computer Networks	C000621(022)
22	Computer Science Engg	Internet of Things	C000622(022)
23	Computer Science Engg	Data Structures and Algorithms	C000623(022)
24	Computer Science Engg	Big Data Analytics	C000624(022)
25	Electrical and Electronics Engg	Electrical Estimation and Costing	C000625(025)
26	Electrical and Electronics Engg	Energy Auditing and Management	C000626(025)
27	Management	Finance Management	C000627(076)
28	Mechanical Engineering	Safety Engineering	C000628(037)
29	Electronics & Telecom.	AI and Machine learning	C000629(028)
30	Electronics & Telecom.	Operating Systems	C000630(028)
31	Electronics & Telecom.	Internet & Web Technology	C000631(028)
32	Electronics & Telecom.	Database Management Systems (DBMS)	C000632(028)
33	Electronics & Telecom.	Device Modelling	C000633(028)
34	Electronics & Telecom.	Introduction to MEMS	C000634(028)
35	Mechanical Engineering	Principles of Management	C000635(037)
36	Mechanical Engineering	Advanced I.C. Engines	C000636(037)

37	Mechanical Engineering	Mechanical Vibrations & Condition Monitoring	<b>C000637(037)</b>
38	Mechatronics	Entrepreneurship Developments	<b>C000638(067)</b>
39	Plastic Engineering	Heat Transfer Operation	<b>C000639(095)</b>
40	Plastic Engineering	Process Economics and Management	<b>C000640(095)</b>
41	Plastic Engineering	Adhesive and Surface Coating	<b>C000641(095)</b>
42	Information Technology	E-Commerce	<b>C000642(033)</b>
43	Information Technology	Industrial Economics and Management	<b>C000643(033)</b>
44	Information Technology	Project Planning & Management	<b>C000644(033)</b>
45	Information Technology	Bio-Informatics	<b>C000645(033)</b>
46	Information Technology	Management Information System	<b>C000646(033)</b>
47	<b>Chemical Engineering</b>	<b>Plant Utility &amp; Safety Engineering</b>	<b>C000647(019)</b>
48	<b>Chemical Engineering</b>	<b>Environment Pollution &amp; Control</b>	<b>C000648(019)</b>

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