



Chhattisgarh Swami Vivekanand Technical University, Bhilai (CG)

Scheme for B. Tech. First Semester (ET&T)

S.No.	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-1	3000A02AT014	BFC-BSC	3	1		100	20	20	140	4	1	60
2.	Applied Physics	Engineering Physics (Circuit)	3000A03AT015	BFC-BSC	3	-	-	100	20	20	140	3	1	45
3.	Electrical Engineering	Basic Electrical Engineering	3000A04AT024	BFC-ESC	3	-	-	100	20	20	140	3	1	45
4.	ET&T	Basic Electronics Engineering	3028A01CT028	SBS-PCC	3	1	-	100	20	20	140	4	1	60
5.	Humanities	Professional Communication Skills	3000A05DT046	AEC-HSM C	2		-	50	10	10	70	2	1	30
6.	Humanities	Foundation course on Ancient Indian Knowledge System	3000A06ET046	IKS	2	-	-	50	10	10	70	2	1	30
7.	Computer Science Engineering	Fundamentals of Computer & IT Lab	3000A02CL022	SBS-ESC	-	-	4	40	-	20	60	2	1	60
8.	ET&T	Basic Electronics Engineering (Lab)	3028A01CL028	SBS-PCC	-	-	2	40	-	20	60	1	-	30
9.	Applied Physics	Engineering Physics Lab (Circuit)	3000A03AL015	BFC-BSC	-	-	2	40	-	20	60	1	-	30
10.	Electrical Engineering	Basic Electrical Engineering Lab	3000A04AL024	BFC-ESC	-	-	2	40	-	20	60	1	-	30
11.	Humanities	Sports & Yoga	3000A06FL046	VAC-MNC AU	-	-	2	-	-	30	30	-	-	30
12.	Humanities	Social Service/Community Services	3000A07FL046	VAC-MNC AU	-	-	2	-	-	30	30	-	-	30
13.		Library				1								15
Total					16	3	14	660	100	240	1000	23	105	495
Total Learning Hours/Semester												600		

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

Note: Abbreviations of Course category

BFC- Basics Foundation Course

SBS- Skilled Based Subject (Branch Specific)

IKS- Indian Knowledge System

AEC- Ability Enhancement Course

VAC- Value Added Course

BSC- Basic Science Courses

ESC- Engineering Science Courses

PCC- Professional Core Courses

HSMC- Humanities, Social Sciences & Management Courses

MNC AU-Mandatory Non Credit Courses – Audit Course



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								ESE	CT	TA				
1.	Applied Mathematics	Engineering Mathematics-II	3000B02AT014	BFC-BSC	3	1	-	100	20	20	140	4	2	60
2.	Electronics & Telecommunication	Industrial Instrumentation	3028B01CT028	SBS-PCC	3	-	-	100	20	20	140	3	2	45
3.	Applied Chemistry	Environmental Chemistry	3000B03AT011	BFC-BSC	3	-	-	100	20	20	140	3	2	45
4.	Computer Science Engineering	Concepts of Programming Language	3000B04DT022	AEC-ESC	3	-	-	100	20	20	140	3	1	45
5.	Humanities	Indian Culture and Constitution	3000B05ET046	IKS	2	-	-	50	10	10	70	2	1	30
6.	Management	Cyber Law and Ethics	3000B06FL076	VAC	1	-	-	50	10	10	70	1	1	15
7.	Computer Science Engineering	Concepts of Programming Language (Lab)	3000B02DL022	AEC-ESC	-	-	2	40	-	20	60	1	1	30
8.	Mechanical Engineering	Engineering Graphics (Lab)	3000B03AL037	BFC-BSC	-	-	4	40	-	20	60	2	1	60
9.	Applied Chemistry	Environmental Chemistry (Lab)	3000B04AL011	BFC-BSC	-	-	2	40	-	20	60	1	-	30
10.	Electronics & Telecommunication	Industrial Instrumentation (Lab)	3028B01CL028	SBS-PCC	-	-	2	40	-	20	60	1	-	30
11.	Humanities	Value Education	3000B05FL046	VAC-MNCAU	1	-	-	-	-	30	30	-	-	15
12.	Civil Engineering	Civil Engg-Societal and Global Impact	3000B07FL020	VAC-MNCAU	1	-	-	-	-	30	30	-	-	15
13.		Library				1								15
Total					17	2	10	660	100	240	1000	21	165	435
Total Learning Hours/semester												600		

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