



CHHATTISGARH SWAMI VIVEKANAND TECHNICAL UNIVERSITY, BHILAI (C.G.)

Scheme of Teaching and Examination

Scheme for B.Tech Third Semester (Robotics and Artificial Intelligence-3150)

Sl. No.	Board of Studies (BOS)	Courses (Subject)	Subject Code	Course Category	Period per Week			Scheme of Examination			Total Marks	Credits	Teaching Hours/sem	Assessment hours/sem (Assignment/ Practical file)
					L	T	P	Theory/Lab						
								ESE	CT	TA				
1	Applied Mathematics	Engineering Mathematics-III	3000C01AT014	BFS-BSC	2	1	-	100	20	20	140	3	45	15
2	Mechanical Engineering	Basics of Robotics & Artificial Intelligence	3150C02BT037	PCC	2	1	-	100	20	20	140	3	45	15
3	Electronics Telecommunication Engineering	Analog and Digital Electronics	3150C03BT028	PCC	2	1	-	100	20	20	140	3	45	15
4	Electrical Engineering	Electrical Machines and Drive	3150C04CT024	SBS-PCC	2	1	-	100	20	20	140	3	45	15
5	Mechanical Engineering	Fundamentals of Material Science	3150C05CT037	SBS-PCC	2	1	-	100	20	20	140	3	45	15
6	Humanities	Life Concept by Bhagwat Gita	3000C06ET046	IKS	2	-	-	100	20	20	140	2	30	15
7	Mechanical Engineering	Robotics Programming Lab	3150C01BL037	PCC	-	-	2	40	-	20	60	1	30	15
8	Electronics Telecommunication Engineering	Analog and Digital Electronics Lab	3150C02BL028	PCC	-	-	2	40	-	20	60	1	30	15
9	Mechanical Engineering	Material Science Lab	3150C03CL037	SBS-PCC	-	-	2	40	-	20	60	1	30	15
10	Mechanical Engineering	Idea Innovation Lab	3150C04FL037	VAC		-	2	-	-	40	40	1	30	15
11	Management	Personality Development	3000C07DT076	AEC-MNC AU	1		2			40	40	-	45	15
12		Library				1		-	-	-	-	-	15	-
Total					13	6	10	720	120	260	1100	21	435	165
Total Learning Hours/Semester													600	

L- Lecture, P- Practical, ESE- End Semester Exam, CT- Class Test, TA- Teacher Assessment

Note: Abbreviations of Course category

BFS Basics Foundation Subject

BSC Basic Science Courses

PCC Professional Core Courses

VAC Value Added Course

SBS Skilled Based Subject (Branch Specific)

IKS Indian Knowledge System

AEC Ability Enhancement Course

MNC AU Mandatory Non Credit Courses – Audit Course