



**SAMRATASHOK TECHNOLOGICAL INSTITUTE VIDISHA (M.P.)**  
(A Govt. Aided UGC Autonomous & NAAC Accredited Institute Affiliated to RGPV Bhopal)

**Scheme of Examination (Semester-VII)**

For Batch Admitted in session -2022-23\_w.e.f. 2025-26

**Bachelor of Technology (B.Tech.) – Mechanical Engineering**

Subject Code	Subject Category	Subject Name	Maximum Marks Allotted								Contact Hrs. per week			Total Credits
			Theory				Practical			Total Marks	L	T	P	
			ES	MS	Assignment	Quiz	ES	LW	Quiz					
ME-701	DC	Refrigeration & Air Conditioning	60	20	10	10	30	10	10	150	3	0	2	04
ME-702	DE-4	Department Elective - IV	60	20	10	10	30	10	10	150	3	0	2	04
ME-703	DE-5	Department Elective - V	60	20	10	10	--	--	--	100	3	0	0	03
ME-704	DE-6	Department Elective - VI	60	20	10	10	--	--	--	100	3	0	0	03
ME-705	PROJ	Major Project Prelim	--	--	--	--	40	10	--	50	0	0	4	02
ME-706	ILC	Internship-III (Completed in Third Year)	--	--	--	--	--	100	--	100	0	0	4	02
Total			240	80	40	40	100	130	20	650	12	0	12	18
ME-707	ILC	Extracurricular Activities			It is a one credit per year activity endorse in eight semester mark sheet									
MST: Minimum two mid semester tests to be conducted during Semester														

	DE -4	DE-5	DE-6
A	Additive Manufacturing	Non-Conventional Energy Sources	Robotics
B	Machine Design - II	Unconventional Machining Process	Smart & Nano Materials
C	Product Design & Development	Drone Technology	Surface Engineering

Abbreviations: ES-End Semester, MS-Mid Semester, LW-Laboratory Work, Assignment (L:Lecture,T:Tutorial,P:Practical),BFC-BasicScienceCourse,ESC-EngineeringScience Course, HSMC-Humanities Science & Management Course, MAC-Mandatory Audit Course, HEC-Holistic Education Course, ILC-Institute Level Course, DC Department Course, DE-Department Elective, OE-Open Elective, DLC-Departmental Laboratory Course

*am* *By A* *ch* *g* *a* *g* *h* *ch* *H* *g* *h*