



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

Scheme of Examination (Semester-IV)

for Batch Admitted in session-2024-25 onwards

Bachelor of Technology (B. Tech.) Mechanical Engineering

Subject Code	Subject Category	Subject Name	Maximum Marks Allotted						Contact Hrs.			Total Credits		
			Theory			Practical			Total Marks	L	T		P	
			ES	MS	Assig nment	Quiz	ES	LW						Quiz
MAB-401	BSC	Numerical Methods and Integral Transform	60	20	10	10	-	-	-	100	3	1	0	4
ME-402	DC	Applied Thermodynamics	60	20	10	10	30	10	10	150	3	0	2	4
ME-403	DC	Machine Design & Drawing	60	20	10	10	30	10	10	150	3	0	2	4
ME-404	DC	Fluid Mechanics	60	20	10	10	30	10	10	150	3	0	2	4
ME-405	DC	Dynamics of Machines	60	20	10	10	-	-	-	100	3	1	0	4
ME-406	DL	Lab - I (Computer Aided Design Lab)	-	-	-	-	60	20	20	100	0	0	4	2
Total			300	100	50	50	150	50	50	750	15	2	10	22
Based on participation in extra curriculum activities, one credit per year to be endorsed in the eight semester mark sheet.														
	ILC	Extracurricular Activities												
	MAC*	Disaster Management and Preparedness												Grade
MAC-407	MAC*													

MS: Minimum two mid semester tests are to be conducted during Semester, (L-Lecture, T- Tutorial, P-Practical) MAC* -Mandatory audit course classes will be conducted in off hours (Weekends)

Abbreviations: ES -End Semester, MS- Mid Semester, LW- Laboratory Work/Assignment, (L- Lecture, T- Tutorial, P- Practical)
 BSC- Basic Science Course, ESC- Engineering Science Course, HSMC- Humanities Science and Management Course, MAC- Mandatory Audit Course, AC- Audit Course,
 HEC- Holistic Education Course, ITC- Information Technology Course, ILC-Institute Level Course, DC- Department Course, DE-Department Elective, OC- Open Course, DLC-
 Department Laboratory, PROJ- Project Work