



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 – 2023-24 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	Assignment	Quiz	ES	LW	Quiz						
MAB-401	BSC	Numerical Methods & Complex variables	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	30	10	10	150	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	180	60	60	800	15	2	10	22	
	ILC	Extracurricular Activities	Based on participation in extra curriculum activities, one credit per year to be endorsed in the eight semester mark sheet.												

MS: Minimum two mid semester tests are to be conducted during Semester, (L-Lecture, T- Tutorial, P-Practical) HEC*- Holistic education courses classes will be conducted in off hours (Weekends)

Internship II (90 hours) External/institute level after IV semester and to be evaluated in VI semester

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