



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

Scheme of Examination (Semester-III)

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						
ME-301	DC	Fundamentals of Thermodynamics	60	20	10	10	-	-	-	100	3	1	0	4	
ME-302	DC	Strength & Mechanics of Material	60	20	10	10	30	10	10	150	3	0	2	4	
ME-303	DC	Theory of Machines	60	20	10	10	30	10	10	150	3	0	2	4	
ME-304	DC	Material Science	60	20	10	10	30	10	10	150	3	0	2	4	
ME-305	DC	Introduction to Quality Management	60	20	10	10	-	-	-	100	3	0	0	3	
HUL-306	HSM	Communication Skill Practice	-	-	-	-	-	30	20	50	0	0	2	1	
ME-307	ILC	Evaluation of Internship – I completed at I year level & Seminar (personality development)	-	-	-	-	-	50	-	50	0	0	4	2	
Total			300	100	50	50	90	110	50	750	15	1	12	22	
	ILC	Extracurricular Activities	Based on participation in extra curriculum activities, one credit per year to be endorsed in the eight semester mark sheet.												
MAC-308	MAC*	Energy, Ecology, Environment & Society (non-credit)	-	20	20	10	-	-	-	-	-	-	-	Grade	
HUM 309	HEC	Holistic Education (Optional)		20	20	10	-	-	-	-	-	-	-	Grade	
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