



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

Scheme of Examination (Semester-V)

for Batch Admitted in session - 2022-23

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-501	DC	Heat and Mass Transfer	60	20	10	10	30	10	10	150	3	-	2	4
ME-502	DC	Operation research	60	20	10	10				100	3	1	-	4
ME-503	DC	Machine Design	60	20	10	10	30	10	10	150	3	-	2	4
ME-504	DE	Departmental Elective-I	60	20	10	10	30	10	10	150	3	-	2	4
OE-505	OE	Open Elective-III (*credit may be split in L/T as per the subject)	60	20	10	10	-	-	-	100	3	0	0	3*
ME-506	DLC	Lab-II (HyperMesh, Ansys)	-	-	-	-	30	10	10	50	0	0	4	2
Total			300	100	50	50	120	40	40	700	15	1	10	21
	ILC	Extracurricular Activities	It is a one credit per year activity to be endorsed in eight semester mark sheet.											

MST: Minimum two mid semester tests to be conducted during 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