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 - 2024-2025

Bachelor of Technology (B. Tech.): Electrical Engineering

Subject Code	Subject Category	Subject Name	Maximum Marks Allotted								Contact Hrs.			Total Credits
			Theory				Practical			Total Marks				
			ES	MS	Assignment	Quiz	ES	LW	Quiz		L	T	P	
MAB-401	BSC	Mathematics-III – Numerical Methods & Integral Transform	60	20	10	10	--	--	--	100	3	1	0	4
EE-402	DC	Electro Mechanical Energy Conversion. -II	60	20	10	10	30	10	10	150	3	-	2	4
EE-403	DC	Digital Electronics	60	20	10	10	30	10	10	150	3	-	2	4
EE-404	DC	Power system –I (Generation + Distribution)	60	20	10	10	30	10	10	150	3	-	2	4
EE-405	DC	EMT	60	20	10	10	-	-	-	100	3	1	-	4
EE-406	DL	Lab-MATLAB Programming	-	-	-	-	60	20	20	100	-	-	4	2
Total			**300**	**100**	**50**	**50**	**150**	**50**	**50**	**750**	**15**	**2**	**10**	**22**

Internship-II (90 Hrs) External /Institute Level

HUM-407	**HEC**	Disaster Management and Preparedness	-	20	20	10	-	-	-	-	-	-	-	Grade
	ILC	Extracurricular Activities	It is a one credit per year activity to be endorsed in eight semester mark sheet.											

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 Courses: NSS/NCC/NSO, ITC- Information Technology Course, ILC-Institute Level Course, DC- Department Course, DE-Department Elective, OC- Open Course, DLC- Department Laboratory, PROJ- Project Work, VA-Value Added Course