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

Scheme of Examination (Semester-IV) Bachelor of Technology (B. Tech.) –E&I

for Batch Admitted in session - 2024-25 and onwards

Subject Code	Subject Category	Subject Name	Maximum Marks Allotted							Total Marks	Contact Hrs.			Total Credits
			Theory				Practical				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
EI-402	DC	Analog Circuits	60	20	10	10	30	10	10	150	3	0	2	4
EI-403	DC	Process Instrumentation-II	60	20	10	10	30	10	10	150	3	0	2	4
EI-404	DC	Digital Communication	60	20	10	10	30	10	10	150	3	0	2	4
EI-405	DC	Control System	60	20	10	10	-	-	-	100	3	0	0	3
EI-406	DLC	Simulation Lab-I	-	-	-	-	60	20	20	100	0	2	2	3
Total			**300**	**100**	**50**	**50**	**150**	**50**	**50**	**750**	**15**	**3**	**4**	**22**
ILC	Extracurricular Activities	Based on participation in extra curriculum activities, one credit per year to be endorsed in the eight semester mark sheet.												
HUM408	HEC* optional	Holistic Education Course	-	20	20	10	-	-	-	-	-	-	-	Grade

Please add / delete additional rows if required

HEC* classes to be conducted in online mod

Internship-II (90 Hrs) External /Institute Level

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