



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

Scheme of Examination (Semester-III)

Bachelor of Technology (B. Tech.) –Electronics and Instrumentation Engineering

for Batch Admitted in session - 2022-23

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						
EI-301	DC	Fundamentals of Instrumentation	60	20	10	10	30	10	10	150	3	0	2	4	
EI-302	DC	Electronic Devices and Circuits	60	20	10	10	30	10	10	150	3	0	2	4	
EI-303	DC	Network Analysis	60	20	10	10	30	10	10	150	3	0	2	4	
EI-304	DC	Signals and Systems	60	20	10	10	-	-	-	100	3	1	0	4	
OE-305	OC	OE-I	60	20	10	10	-	-	-	100	3	0	0	3*	
HUL-306	HSM	Communication Skill Practice	-	-	-	-	-	30	20	50	0	0	2	1	
EI-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	
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	-	20	20	10	-	-	-	-	-	-	-	Grade	
HUM-309	HEC*	Holistic Education Course	-	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 & HEC*- Holistic education courses classes will be conducted in off hours (Weekends)															

Open Elective-I (OE-305)	A	B	
	Basic Electronics	Instrumentation - I	

Abbreviations: ES-End Semester, MS-Mid Semester, LW-Laboratory Work, Assignment (L:Lectre, T:Tutorial, P:Practical), BFC-Basic Science Course, ESC-Engineering Science Course, HSMC-Humanities Science & Management Course, MAC-Mandatory Audit Course, HEC-Holistic Education Course, ILC-Institute Level Course, DC-Department Course, DE-Department Elective, OE-Open Elective, DLC-Departmental Laboratory Course