



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

Scheme of Examination (Semester-I)

for Batch Admitted in session - 2022-23

Bachelor of Technology (B. Tech.) – Electronics and Instrumentation 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						
PYB101	BSC	Applied Physics	60	20	10	10	30	10	10	150	3	0	2	4	
EIA101	ESC	Basic Electronics	60	20	10	10	30	10	10	150	3	0	2	4	
MEA102	ESC	Engineering Graphics	60	20	10	10	30	10	10	150	3	0	2	4	
EEA104	ESC	Electrical Machines and Transformers	60	20	10	10	--	--	--	100	3	0	0	3	
MAB101	BSC	Linear Algebra and Calculus	60	20	10	10	--	--	--	100	3	1	0	4	
MAC101	MAC*	Universal Human Values	--	--		--	60	20	20	100	0	0	2	Grade	
ILC100	ILC	Extracurricular Activities	It is a one credit per year activity endorse in eight semester marksheet												
Total			300	100	50	50	150	50	50	750	15	1	6	19	

MST: Minimum two mid semester tests to be conducted during Semester, MAC: Mandatory courses classes will be conducted in off hours (Weekends)

MAC	Induction Program	Non-Credit
HEC	NSS/NCC/NSO	Non-Credit

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