



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

Scheme of Examination (Semester-IV) (B.Tech.) - Electronics & Communication Engg.

**For Batch Admitted in session - 2023-24, 2024-25, 2025-26
(For Regular Students from January 2026 onwards Only)**

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					
MAB-401	BSC	Numerical Methods and Integral Transform	60	20	10	10	-	-	-	100	3	1	0	4
EC-402	DC	Analog Circuits	60	20	10	10	30	10	10	150	3	0	2	4
EC-403	DC	Antenna & Wave Propagation	60	20	10	10	30	10	10	150	3	0	2	4
EC-404	DC	Digital Communication	60	20	10	10	30	10	10	150	3	0	2	4
EC-405	DC	Control System	60	20	10	10	-	-	-	100	3	0	0	3
EC-406	DL	Simulation Lab-I	-	-	-	-	60	20	20	100	0	2	2	3
Total			300	100	50	50	150	50	50	750	15	3	8	22
HUM-407	HEC*	Disaster Management and Preparedness	--	20	20	10	--	--	--	--	--	--	--	Grade
ILC		Extracurricular Activities	Based on participation in extra curriculum activities, one credit per year to be endorsed in the eight semester mark sheet.											

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

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Handwritten signatures and date: 30/12/2025