



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

Scheme of Examination (Semester-VI) (B.Tech.) - Electronics & Communication Engg.
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						
EC-601	DC	CMOS Circuit Design	60	20	10	10	30	10	10	150	3	0	2	4	
EC-602	DC	Data Communication and Computer Network	60	20	10	10	30	10	10	150	3	0	2	4	
EC-603	DE	DE-2	60	20	10	10	30	10	10	150	3	0	2	4	
EC-604	DE	DE-3	60	20	10	10				100	3	1	0	4	
OE-605	OE	OE-4	60	20	10	10				100	3	0	0	3	
EC-606	DLC	Simulation Lab III					60	20	20	100	0	0	4	2	
TOTAL			300	100	50	50	150	50	50	750	15	1	10	21	
	ILC	Extracurricular Activities	It is a one credit per year activity to be endorsed in eight semester mark sheet.												

Internship-III (120 Hrs) External /Institute Level

	DE -2	DE -3	OE – 4 (Open electives offered for other Branches)
A	Embedded System	Cellular and Mobile Communication	Medical Imaging System
B	Information Theory and Coding	Nano Electronics and MEMS	Embedded System
C	Bio signal Processing	Adaptive Signal Processing	Control System

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