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

Scheme of Examination (Semester-VI)

for Batch Admitted in session - 2022-23

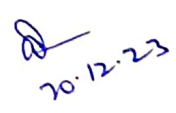**Bachelor of Technology (B. Tech.) –Electronics and Communication Engineering**

Subject Code	Subject Category	Subject Name	Maximum Marks Allotted								Contact Hrs. per week			Total Credits
			Theory				Practical			Total Marks	L	T	P	
			ES	MS	Assignment	Quiz	ES	LW	Quiz					
EC601	DC	VLSI Circuit Design	60	20	10	10	30	10	10	150	3	0	2	4
EC602	DC	Data Communication and Computer Network	60	20	10	10	30	10	10	150	3	0	2	4
EC603	DE	DE-2	60	20	10	10	30	10	10	150	3	1	0	4
EC604	DE	DE-3	60	20	10	10				100	3	1	0	4
OC605	OC	OC-4	60	20	10	10				100	3	0	0	3
EC605	DLC	Minor Project					60	20	20	100	0	0	4	2
			300	100	50	50	150	50	50	750	15	2	08	21
	ILC	Extracurricular Activities	It is a one credit per year activity endorse in eight semester mark sheet											

MST: Minimum two mid semester tests to be conducted during Semester

	DE -2	DE -3	OC – 4
A	Embedded System	Cellular and Mobile Communication	
B	Information Theory and Coding	Nano Electronics and MEMS	
C	Bio signal Processing	Adaptive Signal Processing	

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

List Of Open Elective Offered By The Department

S.no	Semester	Subject Name
1	VI	Medical Imaging System
2	VI	Embedded System
3	VI	Control System