



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

Scheme of Examination (Semester-VII) Bachelor of Technology (B. Tech.)– Electronics and Communication Engineering
for Batch Admitted in Session - 2022-23

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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					
EC-701	DC	Optical Communication	60	20	10	10	30	10	10	150	3	0	2	04
EC-702	DE	DE-4	60	20	10	10	--	--	--	100	3	0	0	03
EC-703	DE	DE-5	60	20	10	10	--	--	--	100	3	0	0	03
EC-704	DE	DE-6	60	20	10	10	--	--	--	100	3	0	0	03
EC-705	PROJ	Minor Project	--	--	--	--	50	50	--	100	0	0	6	03
EC-706	ILC	Internship-III (Completed in Third Year)	--	--	--	--	--	100	--	100	0	0	4	02
Total			240	80	40	40	80	160	10	650	12	0	12	18
EC-707	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 -4	DE-5	DE-6
A	Digital Image Processing	Artificial Intelligence	Internet of Things
B	OFDM & MIMO	Satellite Communication	Robotics
C	Neural Network & Fuzzy Logic	FPGA Architecture & Applications	Wireless Sensor Network

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 & 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

Minor Degree and Honours Degree:

Students can opt any number of subjects depending on the number of credits he/she wants to earn in a particular semester for Honours/Minor Degree. Total 20 credits required for Honours/Minor Degree (From V to VIII Semester – Refer pool of attached subjects for Honours/Minor Degree)

[Signatures]