



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

Scheme of Examination (Semester-III)

for Batch Admitted in session-2022-23

Bachelor of Technology (B. Tech.) –Information Technology

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					
MAB-301	BSC	Discrete mathematics	60	20	10	10	--	--	--	100	3	1	0	4
IT-302	DC	Communication system	60	20	10	10	30	10	10	150	3	0	2	4
IT-303	DC	Analysis and Design of Algorithms	60	20	10	10	30	10	10	150	3	0	2	4
IT-304	DC	Object Oriented Programming	60	20	10	10	30	10	10	150	3	0	2	4
OE-305	OE	OE-I	60	20	10	10	--	--	--	100	3	0	0	3
IT-306	DL	Internet Programming	--	--	--	--	30	10	10	50	0	0	4	2
IT-307	ILC	Internship-I (60 Hrs) Institute Level(Evaluation)	--	--	--	--	-	50	-	50	-	-	2	2
Total			300	100	50	50	120	90	40	750	15	1	12	23
	ILC	Extracurricular Activities	Based on participation in extra curriculum activities, one credit per year to be endorsed in the eight semester mark sheet.											
MAC-308	MAC*	Energy, Ecology, Environment & Society	-	20	20	10	-	-	-	-	-	-	-	Grade
HUM-309	HEC*	Holistic Education Course	-	20	20	10	-	-	-	-	-	-	-	Grade

MS: Minimum two mid semester tests are to be conducted during Semester, (L-Lecture, T- Tutorial, P-Practical)

MAC* -Mandatory audit course & HEC*- Holistic education courses classes will be conducted in off hours (Weekends)

Open Course Offered by CSE Session: 2023-24 Semester III					
Open Elective-I (OE-305)	A		B		C
	Computer System Organization		Data Structure		Operating System
Prerequisite	Digital Electronics		Logical thinking and Computer Fundamentals.		Computer Fundamentals

Abbreviations: ES-End Semester, MS-Mid Semester, LW-Laboratory Work, Assignment (L:Lectre, T:Tutorial, P:Practical), BFC-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