



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.) – Internet of Things

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
IO-302	DC	Analysis and Design of Algorithms	60	20	10	10	30	10	10	150	3	0	2	4
IO-303	DC	Object Oriented Programming	60	20	10	10	30	10	10	150	3	0	2	4
IO-304	DC	Electronic Devices & Circuits	60	20	10	10	30	10	10	150	3	0	2	4
OE-305	OE	OE-1	60	20	10	10	--	--	--	100	3	0	0	3
IO-306	DL	Internet Programming	--	--	--	--	30	10	10	50	0	0	4	2
IO-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 Courses Offered by IoT in Session: 2023-24 Semester III

Open Elective-I (OE-305)	A	B	C
	Computer System Organisation	Object Oriented Programming	Data Structure
Prerequisite	Fundamental knowledge of Digital Electronics	Fundamental knowledge of Programming Skills	Logical Thinking and Computer Fundamentals
Remark	Open to All	Not Applicable for - CSE and Allied branches	Not Applicable for - CSE and Allied branches, EC

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.