



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

Scheme of Examination (Semester-IV)

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						
IO-401	DC	Microprocessors and Microcontrollers	60	20	10	10	30	10	10	150	3	0	2	4	
IO-402	DC	Database Management System	60	20	10	10	30	10	10	150	3	0	2	4	
IO-403	DC	Signals and Systems	60	20	10	10	30	10	10	150	3	0	2	4	
IO-404	DC	Foundation of IoT	60	20	10	10	-	-	-	100	3	1	0	4	
OE-405	OE	OE-II	60	20	10	10	-	-	-	100	3	0	0	3	
IO-406	DLC	Advance Java Programming	-	-	-	-	60	20	20	100	0	0	4	2	
Total			300	100	50	50	150	50	50	750	15	1	10	21	
	ILC	Extracurricular Activities	Based on participation in extra curriculum activities, one credit per year to be endorsed in the eight semester mark sheet.												
HUM 408	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)

HEC*- Holistic education courses classes will be conducted in off hours (Weekends)

Open Courses launched by respective Programmes are not applicable for students of parental programmes.

Open Course Offered by IoT in Session: 2023-24 Semester IV			
Open Course-II (OE-405)	A	B	C
	Microprocessor	Foundation of IoT	Foundation of Blockchain Technology
Prerequisite	Digital Electronics	--	Basic knowledge of Mathematics
Remark	Open to All	Open to All	Not applicable for - Block Chain

Abbreviations: ES-End Semester, MS-Mid Semester, LW-Laboratory Work, Assignment (L: Lecture, 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.