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.) – Computer Science 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					
CS-401	DC	Computer Network	60	20	10	10	30	10	10	150	3	0	2	4
CS-402	DC	Database Management System	60	20	10	10	30	10	10	150	3	0	2	4
CS-403	DC	Automata and Compiler Design	60	20	10	10	30	10	10	150	3	0	2	4
CS-404	DC	Software Engineering	60	20	10	10				100	3	1	0	4
OE-405	OE	OE-II	60	20	10	10				100	3	0	0	3
CS-406	DL	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 Elective-II (OE-405)	A	B	C
	Computer Network	Foundation of Data Science	Automata and Compiler Design
Prerequisite	Analog and digital communication	Mathematics & Python Programming	Discrete Mathematics.
Remark	Not applicable for -IT,BC,AIADS	Not applicable for - AIADS	Not applicable for -IT

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