



**SAMRATASHOKTECHNOLOGICALINSTITUTEVIDISHA(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.)– 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					
IT-401	DC	Computer Network	60	20	10	10	30	10	10	150	3	0	2	4
IT-402	DC	Database Management System	60	20	10	10	30	10	10	150	3	0	2	4
IT-403	DC	Automata and Compiler Design	60	20	10	10	30	10	10	150	3	0	2	4
IT-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
IT-406	DL	Advance Java Programming	--	--	--	--	60	20	20	10	0	0	4	2
<b>Total</b>			<b>300</b>	<b>100</b>	<b>50</b>	<b>50</b>	<b>150</b>	<b>50</b>	<b>50</b>	<b>750</b>	<b>15</b>	<b>1</b>	<b>10</b>	<b>21</b>
	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 IT Session: 2023-24 Semester IV**

Open Elective-II(OE-405)	A	B	C
		<b>Foundation of Block chain Technology</b>	<b>Foundation of Data Science</b>
<b>Prerequisite</b>	Mathematics	Mathematics	Knowledge of Communication System
<b>Remark</b>	Not applicable for –CSEB lock chain	Not applicable for -AIADS	Open to all

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