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

Scheme of Examination(Semester-I)

For Batch Admitted in session-2025-26

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

Subject Code	Subject Category	Subject Name	Maximum Marks Allotted								Contact Hrs.			Total Credits
			Theory				Practical			Total Marks	L	T	P	
			ES	MS	Assignment	Quiz	ES	LW	Quiz					
CHB101	BSC	Applied Chemistry	60	20	10	10	30	10	10	150	3	0	2	4
CSA101	ESC	Introduction to Computer Science Engineering	60	20	10	10	30	10	10	150	3	0	2	4
HUB101	HSMC	Communication and Report Writing	60	20	10	10	--	--	--	100	3	0	0	3
CSA102	ESC	Digital Electronics	60	20	10	10	30	10	10	150	3	0	2	4
MAB101	BSC	Linear Algebra and Calculus	60	20	10	10	--	--	--	100	3	1	0	4
ILC100	ILC	Extracurricular Activities	It is a one credit per year activity endorse in eight semester marksheet											
Total			**300**	**100**	**50**	**50**	**90**	**30**	**30**	**650**	**15**	**1**	**6**	**19**
MAC101	MAC*	Universal Human Values and Professional Ethics	--	--		--	60	20	20	100	0	0	2	Grade

MST: Minimum two mid semester tests to be conducted during Semester, MAC: Mandatory courses classes will be conducted in off hours(Weekends)
Internship-I(60Hrs)Institute Level to be evaluated in third semester

MAC	Induction Program	Non-Credit
HEC	NSS/NCC/NSO	Non-Credit

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&ManagementCourse,MAC-MandatoryAuditCourse,HEC-HolisticEducationCourse,ILC-Institute Level Course, DC Department Course, DE-Department Elective, OE-Open Elective, DLC-Departmental Laboratory Course

Prof. Abhishek Mathur

Prof. Ramratan Ahirwal

Dr. Shailendra Kumar Shrivastava

Department of Information Technology

Date of BOS 23-12-2025

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

Scheme of Examination(Semester-II)

For Batch Admitted in session-2025-26

Bachelor of Technology (B. Tech.) Information Technology

Subject Code	Subject Category	Subject Name	Maximum Marks Allotted								Contact Hrs.			Total Credits
			Theory				Practical			Total Marks				
			ES	MS	Assignment	Quiz	ES	LW	Quiz		L	T	P	
PYB101	BSC	Applied Physics	60	20	10	10	30	10	10	150	3	0	2	4
CSA103	ESC	Problem Solving and Data Structure	60	20	10	10	30	10	10	150	3	0	2	4
ITC101	ITC	Python Programming	60	20	10	10	30	10	10	150	3	0	2	4
CSA104	ESC	Principles of Software System	60	20	10	10	-	-	-	100	3	0	0	3
MAB102	BSC	Statistics: Probability Distribution and Differential Equations	60	20	10	10	--		--	100	3	1	0	4
CSL110	ESC	Computer Workshop(Linux Lab)	-	-	-	-	30	10	10	50	1	0	2	2
ILC100	ILC	Extracurricular Activities	It is a one credit per year activity endorse in eight semester mark sheet											
Total			**300**	**100**	**50**	**50**	**120**	**40**	**40**	**700**	**16**	**1**	**8**	**21**
MAC102	MAC*	Professional ethics and social responsibility	--	--		--	30	10	10	50	0	0	2	Grade

MST: Minimum two mid semester tests to be conducted during Semester, MAC: Mandatory courses classes will be conducted in off hours(Weekends)
Internship-I(60Hrs)Institute Level to be evaluated in third semester

ILC	Internship-I(60Hrs)Institute Level	Non-Credit
HEC	NSS/NCC/NSO	Non-Credit

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&ManagementCourse,MAC-MandatoryAuditCourse,HEC-HolisticEducationCourse,ILC-Institute Level Course, DC Department Course, DE-Department Elective, OE-Open Elective, DLC-Departmental Laboratory Course

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