



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

Scheme of Examination (Semester-III)

For Batch Admitted in session-2024-25

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

Bachelor of Technology (B. Tech.)—Information Technology (Dept. of IT)														
Subject Code	Subject Category	Subject Name	Maximum Marks Allotted								Contact Hrs. per week			Total Credits
			Theory				Practical			Total Marks				
			ES	MS	Assignment	Quiz	ES	LW	Quiz					
MAB301	BSC	Discrete mathematics	60	20	10	10	--	--	--	100	L	T	P	
IT-302	DC	Communication system	60	20	10	10	30	10	10	150	3	1	0	4
IT-303	DC	Object Oriented Programming with Java	60	20	10	10	30	10	10	150	3	0	2	4
IT-304	DC	Analysis and Design of Algorithms	60	20	10	10	30	10	10	150	3	0	2	4
IT-305	DC	Computer System Organization	60	20	10	10	--	--	--	100	3	0	0	3
IT-306	DLC	Internet Programming	--	--	--	--	30	10	10	50	0	0	4	2
IT-307	ILC	Internship-I(60Hrs) Institute Level (Evaluation) (60 Hrs) (Completed in First Year)	--	--	--	--	-	50	-	50	-	-	2	1
Total			300	100	50	50	120	90	40	750	15	1	12	22
	ILC	Extracurricular Activities	It is a one credit per year activity to be endorsed in eight semester marks sheet.											
MAC- 308	MAC*	Energy, Ecology, Environment & Society		20	10	10								Grade
HUM -309	HEC*	Holistic Education Course (Stress Management)		20	10	10								Grade
MS: Minimum two mid semester tests are to be conducted during Semester,(L-Lecture-Tutorial-Practical)														
MST: Minimum two mid semester tests to be conducted during Semester*MAC and HEC courses classes will be conducted in off hours (Weekends)														
Internship-II(60Hrs) to be evaluated in Fifth semester														
Abbreviations: ES-End Semester, MS-Mid Semester, LW-Laboratory Work, Assignment (L:Lectre,T:Tutorial,P:Practical). BEC-Basic Science C														
Humanities Science&ManagementCourse MAC-Mandatory Auditing														

MS: Minimum two mid semester tests are to be conducted during Semester, (L-Lecture-Tutorial-Practical)

MST: Minimum two mid semester tests to be conducted during Semester*MAC and HEC courses classes will be conducted in off hours (Weekends)

Internship-II(60Hrs) to be evaluated in Fifth semester

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

Prof. Abhishek Mathur

Prof. Ramratan Ahirwal

Dr. Shailendra Kumar Shrivastava

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



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-2024-25

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

Bachelor of Technology (B. Tech.)-Information Technology (Dept. of IT)														
Subject Code	Subject Category	Subject Name	Maximum Marks Allotted								Contact Hrs. per week			Total Credits
			Theory				Practical			Total Marks				
			ES	MS	Assignment	Quiz	ES	LW	Quiz					
IT-401	DC	Computer Network	60	20	10	10	30	10	10	150	L	T	P	
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	0	2	4
IT-405	DC	Information Theory and Coding	60	20	10	10	--	--	--	100	3	1	0	4
IT-406	DL	Advance Java Programming	--	--	--	--	60	20	20	100	3	1	0	4
Total			300	100	50	50	150	50	50	750	0	0	4	2
	ILC	Extracurricular Activities	Based on participation in extra curriculum activities, one credit per year to be endorsed in the eight semester mark Sheet.											
HUM -407	HEC*	Holistic Education Course (Disaster Management & Preparedness)		20	10	10								Grade

MS: Minimum two mid semester tests are to be conducted during Semester (L-Lecture-Tutorial-Practical)

MST: Minimum two mid semester tests are to be conducted during Semester (L-Lecture-Tutorial-Practical)

MS: Minimum two mid semester tests are to be conducted during Semester, (L-Lecture-Tutorial-Practical)

MST: Minimum two mid semester tests to be conducted during Semester*MAC and HEC courses classes will be conducted in off hours (Weekends)

Internship-II(60Hrs) I to be evaluated in Fifth semester

Prof. Abhishek Mathur

Department of Information Technology

Prof. Ramratan Ahirwal

Dr. Shailendra Kumar Shrivastava

Date of BOS 23-12-2025