

SAMRAT ASHOK TECHNOLOGICAL INSTITUTE VIDISHA (M.P.)

(A Govt. Aided UGC Autonomous & NAAC Accredited Institute Affiliated to RGPV Bhopal)

Scheme of Examination (Semester-I) Bachelor of Technology CSE (AI& ML)

for Batch Admitted in session - 2025-26

	Subject Name	Maximum Marks Allotted									ntoot U		
Subject		Theory				Practical			Total	Contact Hrs.			Total
Category		ES	MS	Assignm ent	Quiz	ES	LW	Quiz	Marks	L	Т	P	Credits
BSC	Applied Chemistry	60	20	10	10	30	10	10	150	3	0	2	4
ESC	Introduction to Computer Science Engineering	60	20	10	10	30	10	10	150	3	0	2	4
HSMC	Communication & Report Writing	60	20	10	10	-	-	-	100	3	0	0	3
ESC	Digital Electronics	60	20	10	10	30	10	10	150	3	0	2	4
BSC	Linear Algebra and Calculus	60	20	10	10				100	3	1	0	4
ILC	Extracurricular Activities	It is a one credit per year activity to be endorsed in eight semester mark sheet.											
Total		300	100	50	50	90	30	30	650	15	1	6	19
MAC	Universal Human Values and Professional Ethics					60	20	20	100	0	0	2	Grade
	BSC ESC HSMC ESC BSC ILC	BSC Applied Chemistry ESC Introduction to Computer Science Engineering HSMC Communication & Report Writing ESC Digital Electronics BSC Linear Algebra and Calculus ILC Extracurricular Activities Total MAC Universal Human Values	BSC Applied Chemistry 60 ESC Introduction to Computer Science Engineering 60 HSMC Communication & Report Writing 60 ESC Digital Electronics 60 BSC Linear Algebra and Calculus 11 is a or Total 300 MAC Universal Human Values	BSC Applied Chemistry 60 20 ESC Introduction to Computer Science Engineering 60 20 HSMC Communication & Report Writing 60 20 ESC Digital Electronics 60 20 BSC Linear Algebra and Calculus 60 20 ILC Extracurricular Activities It is a one credit per Communication of the Communica	Subject Category Category BSC Applied Chemistry ES MS Assignm ent BSC Introduction to Computer Science Engineering HSMC Communication & Report Writing ESC Digital Electronics BSC Linear Algebra and Calculus Total Total Subject Name Theory Assignm ent 60 20 10 20 10 10 20 10	Subject Category Subject Name ES MS Assignm ent Quiz	Subject Name Theory ES MS Assignm ent Quiz ES BSC Applied Chemistry 60 20 10 10 30 ESC Introduction to Computer Science Engineering 60 20 10 10 30 HSMC Communication & Report Writing 60 20 10 10 - ESC Digital Electronics 60 20 10 10 30 BSC Linear Algebra and Calculus 60 20 10 10 ILC Extracurricular Activities It is a one credit per year activity to be endorsed in one credit per year activity to be endorsed in one credit per year activity to be endorsed in one credit year activity to be endorsed in one credit year year activity to be endorsed in one credit year year year year year year year year	Subject Name Theory Practical ES MS Assignm ent Quiz ES LW BSC Applied Chemistry 60 20 10 10 30 10 ESC Introduction to Computer Science Engineering 60 20 10 10 30 10 HSMC Communication & Report Writing 60 20 10 10 - - ESC Digital Electronics 60 20 10 10 30 10 BSC Linear Algebra and Calculus 60 20 10 10 ILC Extracurricular Activities It is a one credit per year activity to be endorsed in eight sem Total 300 100 50 50 90 30 MAC Universal Human Values 60 20	Subject Category Subject Name ES MS Assignm ent Quiz ES LW Quiz	Subject Category Subject Name Theory Practical Total Marks BSC Applied Chemistry 60 20 10 10 30 10 10 150 ESC Introduction to Computer Science Engineering 60 20 10 10 30 10 10 150 HSMC Communication & Report Writing 60 20 10 10 - - - 100 ESC Digital Electronics 60 20 10 10 30 10 10 150 BSC Linear Algebra and Calculus 60 20 10 10 100 ILC Extracurricular Activities It is a one credit per year activity to be endorsed in eight semester mark sheet. MAC Universal Human Values 60 20 20 100	Subject Category Subject Name Theory Total Total Marks L	Subject Category Subject Name Subject Name	Subject Name Subj

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

Abbreviations: ES -End Semester, MS- Mid Semester, LW- Laboratory Work/Assignment. (L: Lecture, T: Tutorial, P: Practical) BSC- Basic Science Course, ESC- Engineering Science Course, HSMC- Humanities Science and Management Course, MAC- Mandatory, Audit Course, AC- Audit Course, HEC- Holistic Education Courses: NSS/NCC/NSO, ITC- Information Technology Course, ILC-Institute Level Course, DC- Department Course, DE-Department Elective, OC-Open Course, DLC- Department Laboratory, PROJ- Project Work, VA-Value Added Course



SAMRAT ASHOK TECHNOLOGICAL INSTITUTE VIDISHA (M.P.)

(A Govt. Aided UGC Autonomous & NAAC Accredited Institute Affiliated to RGPV Bhopal)

Scheme of Examination (Semester-II) Bachelor of Technology CSE (AI & ML)

for Batch Admitted in session - 2025-26

Subject Subject Category		Subject Name	Maximum Marks Allotted									44 II		
			Theory				Practical			Total	Contact Hrs.			Total
	Budgeet Nume	ES	MS	Assignm ent	Quiz	ES	LW	Quiz	Marks	L	T	P	Credits	
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	-	-	-	100	3	0	2	4
CSA104	ESC	Principles of Software System	60	20	10	10	30	10	10	150	3	0	0	3
MAB102	BSC	Statistics: Probability Distribution and Differential Equations	60	20	10	10				100	3	1	0	4
CS1110	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 to be endorsed in eight semester mark sheet.											
	Total			100	50	50	120	40	40	700	16	1	8	21
MAC 101	MAC	Professional Ethics and Social responsibility	-	20	20	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)

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