



SAMRAT ASHOK TECHNOLOGICAL INSTITUTE VIDISHA (M.P.)

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

Scheme of Examination (Semester-IV) Bachelor of Technology (B. Tech.) – Agriculture Engineering for Batch Admitted in session - 2022-23

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						
MAB-401	BSC	Numerical Methods & Complex Variables	60	20	10	10	-	-	-	100	3	0	0	3	
AE-402	DC	IC Engine	60	20	10	10	30	10	10	150	3	0	2	4	
AE-403	DC	Application of AC/DC Machine	60	20	10	10	30	10	10	150	3	0	2	4	
AE-404	DC	Fluid Mechanics	60	20	10	10	30	10	10	150	3	0	2	4	
OE-405	OE	OE-II	60	20	10	10	-	-	-	100	3	0	0	3	
AE-406	DE	Elective -I	60	20	10	10	-	-	-	100	3	1	0	4	
Total			360	120	60	60	90	30	30	750	18	1	6	22	
	ILC	Extracurricular Activities	It is a one credit per year activity to be endorsed in eight semester marksheet.												
HUM-408	HEC	Holistic Education Course	-	20	20	10	-	-	-	-	-	-	-	Grade	

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

Open Elective	Category	Name	Departmental Elective	Category	Name
OE-405	A	Climate Change and Its Impact	DE-406	A	Water Resource Engineering
				B	Rain Water Harvesting
				C	Hydrology