



**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.) – Civil 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 variable	60	20	10	10	-	-	-	100	3	0	0	3	
CE-401	DC	Fluid Mechanics-I	60	20	10	10	30	10	10	150	3	0	2	4	
CE-402	DC	Quantity Surveying & Costing	60	20	10	10	-	-	-	100	3	1	0	4	
CE-403	DC	Transportation Engineering-I	60	20	10	10	30	10	10	150	3	0	2	4	
CE-404	DE	Elective-I	60	20	10	10	-	-	-	100	3	0	0	3	
OE-405	OC	OC-II	60	20	10	10	-	-	-	100	3	0	0	3	
CE-406	DLC	Instrumentation and Sensor Technology for Civil Engineering	-	-	-	-	30	10	10	50	0	0	4	2	
<b>Total</b>			<b>360</b>	<b>120</b>	<b>60</b>	<b>60</b>	<b>90</b>	<b>30</b>	<b>30</b>	<b>750</b>	<b>18</b>	<b>1</b>	<b>8</b>	<b>23</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-407	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 Elective	Category	Name	Departmental Elective	Category	Name
OE-405	A	Remote Sensing & GIS	DE-404	A	Road and Railway Safety Engineering
				B	Construction Management
				C	Project Management

*[Handwritten signatures and marks]*