



**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.) –Electronics & Communication 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	1	0	4
EC-402	DC	Analog Circuits	60	20	10	10	30	10	10	150	3	0	2	4
EC-403	DC	Antenna & Wave Propagation	60	20	10	10	30	10	10	150	3	0	2	4
EC-404	DC	Analog & Digital Communication	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*
EC-406	DL	Simulation Lab-I	-	-	-	-	60	20	20	100	0	2	2	3
<b>Total</b>			<b>300</b>	<b>100</b>	<b>50</b>	<b>50</b>	<b>150</b>	<b>50</b>	<b>50</b>	<b>750</b>	<b>15</b>	<b>3</b>	<b>8</b>	<b>22</b>
	ILC	Extracurricular Activities	Based on participation in extra curriculum activities, one credit per year to be endorsed in the eight semester mark sheet.											
HUM408	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-II	Category	Name
OE-405	A	Digital Electronics
	B	Communication-II

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