



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							Total Marks	Contact Hrs.			Total Credits
			Theory				Practical				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
OC-405	OC	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
Total			300	100	50	50	150	50	50	750	15	3	8	22
	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	Digital Communication

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

Department Of Electronics Engineering
S.A.T.I, Vidisha.

1 of 19 12/2023

Electronics and Communication
Engineering

Handwritten signatures and initials of faculty members.



SAMRAT ASHOK TECHNOLOGICAL INSTITUTE
(Engineering College), VIDISHA M.P.
(An Autonomous Institute Affiliated to RGPV Bhopal)

Department of Electronics Engineering
Program: Electronics and Communication Engineering

Session: 2023-24
Open Electives
From Dec. 2023 onwards

Following courses are offered by the Department of Electronics
(Program: Electronics and Communication Engineering)

B. Tech 2nd Year 3rd Semester

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| 1. | ECO235(A) Basic Electronics |
| 2. | ECO235(B) Analog Communication |

B. Tech 2nd Year 4th Semester

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| 1. | OC405(A) Digital Electronics |
| 2. | OC405(B) Digital Communication |

Handwritten signatures and dates:
15/12/23
20/12/23
20/12/23