

BACHELOR OF TECHNOLOGY
ELECTRONICS ENGINEERING (VLSI DESIGN AND TECHNOLOGY)
SECOND YEAR (FOURTH SEMESTER)

W.E.F. ADMISSION BATCH 2023-24

Sl. No.	Category	Course Code	Course	Contact Hrs. L-T-P	Credit	University Marks	Internal Evaluation
Subject (Theory)							
1	PC	VDPC2001	Physics of Semiconductor Devices	3-0-0	3	100	50
2	PC	EOPC2006	Digital Systems Design	3-0-0	3	100	50
3	PC	EOPC2007	Control System	3-0-0	3	100	50
4	PC	EOPC2008	Principles of Communication Systems	3-0-0	3	100	50
5	PC(ACC)	PCAC2008	Machine Learning Techniques and Applications	3-0-0	2	100	50
		PCAC2009	Big Data Integration and Management				
		PCAC2010	Application Development - Tools & Technologies				
		PCAC2011	Cloud Infrastructure & Applications				
		PCAC2012	Internet of Things and Cloud				
		PCAC2013	Robotics : Mobility & Design				
6	HS	HSHS2002	Organizational Behaviour	3-0-0	2	100	50
		HSHS2001	Engineering Economics				
Subject (Sessional / Practical)							
7	PC	EOPC2205	Digital Systems Design Lab.	0-0-3	1.5	-	100
8	PC	EOPC2206	Control System Lab.	0-0-3	1.5	-	100
9	PC	VDPC2201	HDL Lab.	0-0-3	1.5	-	100
10	PC	EOPC2208	Python Lab.	0-0-3	1.5	-	100
Total				18-0-12	22	600	700

Note : Minimum four (04) weeks of Summer Course / Training / Internship / Skill Course / etc. after 4th Semester.

[Click here to view/download the syllabus of the subjects.](#)