

# BACHELOR OF TECHNOLOGY

## ELECTRONICS AND COMMUNICATION ENGINEERING / ELECTRONICS AND TELECOMMUNICATION ENGINEERING THIRD YEAR (SIXTH SEMESTER)

**W.E.F. ADMISSION BATCH 2023-24**

Sl. No.	Category	Course Code	Course	Contact Hrs. L-T-P	Credit	University Marks	Internal Evaluation
<b>Subject (Theory)</b>							
1	PC	EOPC3004	Digital Communication Techniques	3-0-0	3	100	50
2	PC	EOPC3005	VLSI Design	3-0-0	3	100	50
3	PE	EOPE3005	Optical and Satellite Communication	3-0-0	3	100	50
		CSPE3010	Embedded Systems				
		EOPE3007	Advanced Signal Processing				
		EOPE3008	Antenna Analysis and Synthesis				
		-	-				
		-	-				
4	PE	EOPE3009	Data Communication and Network	3-0-0	3	100	50
		EOPE3010	Analog and Mixed Signal Circuit				
		EOPE3011	Sensor Signal Processing				
		EOPE3012	RADAR Engineering				
		-	-				
		-	-				
5	HS	HSHS3003	Professional Ethics	3-0-0	2	100	50
		HSHS3002	Entrepreneurship Development				
6	MC	MCMC3002	Industrial Safety Engineering	3-0-0	2	100	50
		MCMC3001	Environmental Engineering				
<b>Subject (Sessional / Practical)</b>							
7	PSI	CSPS3202	Project for Product Development - I	0-0-6	3	-	100
8	PC	EOPC3204	Digital Communication Techniques Laboratory	0-0-3	1.5	-	100
9	PC	EOPC3205	VLSI Design Laboratory	0-0-3	1.5	-	100
<b>Total</b>				<b>18-0-12</b>	<b>22</b>	<b>600</b>	<b>600</b>

**NB : Minimum 4 weeks of Summer Internship and Research Experience-II (SIRE-II) after 6th Semester during the vacation.**

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

**BACHELOR OF TECHNOLOGY**  
**ELECTRONICS AND COMMUNICATION ENGINEERING / ELECTRONICS AND TELECOMMUNICATION ENGINEERING**  
**THIRD YEAR (FIFTH SEMESTER)**

**W.E.F. ADMISSION BATCH 2023-24**

Sl. No.	Category	Course Code	Course	Contact Hrs. L-T-P	Credit	University Marks	Internal Evaluation
<b>Subject (Theory)</b>							
1	PC	ECPC3001	Microprocessor & Microcontroller	3-0-0	3	100	50
2	PC	EOPC3002	Digital Signal Processing	3-0-0	3	100	50
3	PC	EOPC3003	Electronics Measurement & Instrumentation	3-0-0	3	100	50
4	PE	EOPE3001	Wireless Communication	3-0-0	3	100	50
		EOPE3002	Semiconductor Devices				
		EOPE3003	Digital Image Processing				
		EOPE3004	Microwave Engineering				
		-	-				
		-	-				
5	HS	HSHS3002	Entrepreneurship Development	3-0-0	2	100	50
		HSHS3003	Professional Ethics				
6	MC	MCMC3001	Environmental Engineering	3-0-0	2	100	50
		MCMC3002	Industrial Safety Engineering				
<b>Subject (Sessional / Practical)</b>							
7	PC	EOPC3201	Microprocessor & Microcontroller Laboratory	0-0-3	1.5	-	100
8	PC	EOPC3202	Digital Signal Processing Laboratory	0-0-3	1.5	-	100
9	PC	EOPC3203	Electronics Measurement & Instrumentation Laboratory	0-0-3	1.5	-	100
10	PSI	EOPS3201	Seminar on SIRE - I	0-0-3	1.5	-	100
<b>Total</b>				<b>18-0-12</b>	<b>22</b>	<b>600</b>	<b>700</b>

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