

**Semester - V**  
**Branch: Electronics & Communication Engineering**

Sl. N.	Code	Course Title	Lecture	Tutorial	Practical	Credits
1		Digital Signal Processing	4	1	0	4
2		Digital Communication	3	1	0	3
3		Microcontroller & Embedded system	3	1	0	3
4		<b>Professional Elective –I</b>	3	1	0	3
5		<b>Open Elective –I#</b>	3	1	0	3
		<b>Total</b>				16
<b>Laboratory/Sessionals</b>						
1		DSP Lab	0	0	3	1
2		Digital Communication Lab	0	0	3	1
3		Microcontroller & Embedded system lab.	0	0	3	1
4		Professional Elective –I Lab	0	0	3	1
5		<b>General Proficiency/seminar</b>	0	0	2	2
<b>Total Credits</b>						22

# to be offered by other department

Code	<b>Professional Elective-I</b>
	Linear Control System
	Optoelectronics
	Electronic Devices

Code	<b>Open Elective-I (Any One)*</b>
	Communication System
	Signal & System
	Digital System Design

\* Not for ECE Students

**Semester -VI**  
**Branch: Electronics & Communication Engineering**

Sl. N.	Code	Course Title	Lecture	Tutorial	Practical	Credits
1		Microwave Engineering	4	1	0	4
2		VLSI	3	1	0	3
3		<b>IoT</b>	3	1	0	3
4		<b>Professional Elective-I I</b>	3	1	0	3
5		<b>Open Elective –II<sup>#</sup></b>	3	1	0	3
		<b>Total</b>				16
<b>Laboratory/Sessionals</b>						
1		Microwave Lab	0	0	3	1
2		VLSI Lab	0	0	3	1
3		IoT Lab	0	0	3	1
4		Professional Elective –II Lab	0	0	3	1
5	IN601	Internship/Tour and training/Industrial training	0	0	2	2
		<b>Total</b>				6
<b>Total Credits</b>						22

# to be offered by other department

Code	<b>Professional Elective-I I</b>
	<b>Biomedical signal processing</b>
	Electronic Measurement & Instrumentation
	Biosensor

Code	<b>Open Elective-II (Any One)*</b>
	Digital Signal Processing
	VLSI
	Biomedical Electronics

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