

## I.M.E. ELECTRONICS AND COMMUNICATIONS ENGINEERING

## SEMESTER - I

S. No.	Sub. Code	Subject	Hours per Week			Th. Credit	Pr. Credit	Maximum Marks				
			L	T	P			TH	CW	SW	Pr.	Total
1	EC65001	Information Theory and Coding	4	-	-	4	-	70	30	-	-	100
2	EC65002	Stochastic Process & Queuing Systems	4	-	-	4	-	70	30	-	-	100
3	EC65003	Network Design Technology	4	-	-	4	-	70	30	-	-	100
4	ELECTIVE I		4	-	-	4	-	70	30	-	-	100
5	ELECTIVE II		4	-	-	4	-	70	30	-	-	100
6	EC65451	Lab.- I	-	-	4	-	4	-	-	40	60	100
7	EC65452	Lab.- II	-	-	4	-	4	-	-	40	60	100
8	EC65500	Comprehensive Viva	-	-	-	-	-	-	-	-	Grade	Grade
Total			20	0	8	20	8	350	150	80	120	700

## SEMESTER - II

S. No.	Sub. Code	Subject	Hours per Week			Th. Credit	Pr. Credit	Maximum Marks				
			L	T	P			TH	CW	SW	Pr.	Total
1	EC65501	Cryptography & E-Security	4	-	-	4	-	70	30	-	-	100
2	EC65502	Mobile & Satellite Communication	4	-	-	4	-	70	30	-	-	100
3	EC65503	Optical Communication	4	-	-	4	-	70	30	-	-	100
4	ELECTIVE III		4	-	-	4	-	70	30	-	-	100
5	ELECTIVE IV		4	-	-	4	-	70	30	-	-	100
6	EC65851	Lab.- III	-	-	4	-	4	-	-	40	60	100
7	EC65852	Lab.- IV	-	-	4	-	4	-	-	40	60	100
8	EC65881	Seminar	-	-	2	-	2	-	-	100	-	100
9	EC65900	Comprehensive Viva	-	-	-	-	-	-	-	-	Grade	Grade
Total			20	0	10	20	10	350	150	180	120	800

## I M.E. ELECTRONICS AND COMMUNICATIONS ENGINEERING

## List of Electives

Elective I		Semester I
S.No	Sub. Code	Subject
1	<b>EC65201</b>	System Integration and Databases
2	<b>EC65202</b>	Telecommunication Business Engineering
3	CO65203	Programming System
4	<b>EC65204</b>	Advanced Engineering Mathematics

Elective II		Semester I
S.No	Sub. Code	Subject
1	<b>EC64301</b>	Advanced Digital Communication
2	<b>EC64302</b>	Network Management Protocols
3	<b>EC64303</b>	Embedded System's programming
4	<b>EC64304</b>	Distributed Computing System
5	EC65305	Data Communication(EC 6535)

## I M.E. ELECTRONICS AND COMMUNICATIONS ENGINEERING

Elective III		Semester II
S.No	Sub. Code	Subject
1	<b>EC65702</b>	Modelling & Simulation of Computer Networks
2	<b>EC65703</b>	Digital Signal Processing

3	<b>EC65704</b>	Operating Systems
4	<b>EC65705</b>	Software Project Management
5	<b>EC65706</b>	VLSI & ASIC Design
6	EC65701	Digital Signal Processing

Elective IV		Semester II
S.No	Sub. Code	Subject
1	<b>EC65753</b>	Frequency Regulations and their Management
2	EC65751	Unix Network Programming (EC 6582)
3	<b>EC65754</b>	Real Time Operating Systems
4	<b>EC65755</b>	Software Engineering
5	<b>EC65756</b>	Embedded System Design
6	EC65752	Microwave Measurements & Design
7	<b>EC65757</b>	Design of Intrigrated Circuits

## II M.E. ELECTRONICS AND COMMUNICATIONS ENGINEERING

## SEMESTER - III

S. No.	Sub. Code	Subject	Hours per Week			Th. Credit	Pr. Credit	Maximum Marks				
			L	T	P			TH	CW	SW	Pr.	Total
1	EC65901	Dissertation Phase-I	-	-	20	-	20	-	-	100	150	250
Total			0	0	20	0	20	0	0	100	150	250

## SEMESTER - IV

(Admitted before 2012)

S. No.	Sub. Code	Subject	Hours per Week			Th. Credit	Pr. Credit	Maximum Marks				
			L	T	P			TH	CW	SW	Pr.	Total
1	EC 6596	Dissertation Phase-II	-	-	22	-	22	-	-	160	240	400
Total			0	0	22	0	22	0	0	160	240	400

(Admitted in 2012-2016)

S. No.	Sub. Code	Subject	Hours per Week			Th. Credit	Pr. Credit	Maximum Marks				
			L	T	P			TH	CW	SW	Pr.	Total
1	EC 6594	Dissertation Phase-II	-	-	30	-	30	-	-	160	240	400
Total			0	0	30	0	30	0	0	160	240	400

(Admitted in and after 2017)

S. No.	Sub. Code	Subject	Hours per Week			Th. Credit	Pr. Credit	Maximum Marks				
			L	T	P			TH	CW	SW	Pr.	Total
1	EC65951	Dissertation Phase-II	-	-	30	-	30	-	-	160	240	400
Total			0	0	30	0	30	0	0	160	240	400