



PSN College of Engineering and Technology

(An Autonomous Institution)

Melathediyoore-627152.



(Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai)

(Accredited by NBA and NAAC, and an ISO 9001:2008 Certified Institution)

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

M.E (COMMUNICATION SYSTEMS)

REGULATION-2014

SEMESTER I

S.NO	SUB CODE	SUBJECT NAME	Credit
1	123001	Applied Mathematics for Communication Engineers	4
2	120002	Statistical Signal Processing	4
3	123002	MIC and RF Systems	3
4	123003	Advanced Digital Communication Techniques	3
5	123004	Optical Communication Networks	3
6	123006	Electro Magnetic Interference and Compatibility in System Design	3
7	123101	Communication Systems Laboratory – I	2
TOTAL			22

SEMESTER II

S.NO	SUB CODE	SUBJECT NAME	Credit
1	123005	Wireless Communications and Networks	3
2	123006	Multimedia Compression Techniques	3
3	123007	Satellite Communication	3
4	123008	RADAR Signal Processing	4
5	123009	Communication Network Modeling & Simulation	3
6		Elective 1	3
7	123102	Communication Systems Laboratory – II	2
TOTAL			21

SEMESTER III

S.NO	SUB CODE	SUBJECT NAME	Credit
1		Elective II	3
2		Elective III	3
3		Elective IV	3
4	123302	Project Work (Phase – I)	8
TOTAL			17

SEMESTER IV

S.NO	SUB CODE	SUBJECT NAME	Credit
1		Project Work (Phase – II)	12
TOTAL			12

LIST OF ELECTIVES

ELECTIVE I

S.NO	SUBJECT CODE	SUBJECT NAME	L	T	P	C
1	120205	VLSI for Wireless Communication	3	0	0	3
2	123201	Digital Communication Receivers	3	0	0	3
3	123202	Global Positioning System	3	0	0	3
4	123203	Ultra Wide Band Communication	3	0	0	3
5	123204	Under Water Communication	3	0	0	3

ELECTIVE II

S.NO	SUBJECT CODE	SUBJECT NAME	L	T	P	C
1	123205	Wireless ADHOC and Sensor Networks	3	0	0	3
2	123206	High Speed Switching Architecture	3	0	0	3
3	123207	Communication Network Security	3	0	0	3
4	123208	Network Routing Algorithms	3	0	0	3
5	123209	Internetworking Multimedia	3	0	0	3

ELECTIVE III

S.NO	SUBJECT CODE	SUBJECT NAME	L	T	P	C
1	120215	Research Methodologies	3	0	0	3
2	120214	Advanced Digital Image Processing	3	0	0	3
3	120213	Wavelet Transform and Application	3	0	0	3
4	123210	Speech Processing	3	0	0	3
5	123211	Detection & Estimation Theory	3	0	0	3

ELECTIVE IV

S.NO	SUBJECT CODE	SUBJECT NAME	L	T	P	C
1	123212	MEMS and NEMS	3	0	0	3
2	123213	Optical Signal Processing	3	0	0	3
3	120218	High Performance Communication Networks	3	0	0	3
4	120220	Fiber Optic Sensors	3	0	0	3
5	120219	Photonics	3	0	0	3