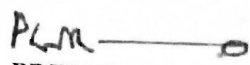


PRATHYUSHA ENGINEERING COLLEGE
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
M.E.- COMMUNICATION SYSTEMS
ACADEMIC YEAR 2019-20

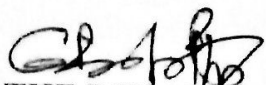
SEMESTER	SL. NO	COURSE CODE	COURSE TITLE	L	T	P	C
I	1.	MA5154	Applied Mathematics for Communication Engineers	4	0	0	4
I	2.	CU5191	Advanced Radiation Systems	3	0	0	3
I	3.	CU5151	Advanced Digital Communication Techniques	3	0	0	3
I	4.	AP5152	Advanced Digital Signal Processing	3	2	0	4
I	5.	CU5192	Optical Networks	3	0	0	3
I	6.			3	0	0	3
I	7.	CU5161	Communication Systems Laboratory	0	0	4	2
TOTAL				19	2	4	22
SEMESTER	SL. NO	COURSE CODE	COURSE TITLE	L	T	P	C
II	1.	CU5291	Advanced Wireless Communication Systems	3	0	0	3
II	2.	CU5201	MIC and RF System Design	3	0	0	3
II	3.	CU5292	Electromagnetic Interference and Compatibility	3	0	0	3
II	4.		Professional Elective II	3	0	0	3
II	5.		Professional Elective III	3	0	0	3
II	6.		Professional Elective IV	3	0	0	3
II	7.	CU5211	RF System Design Laboratory	0	0	4	2
	8.	CP5281	Term Paper Writing and Seminar	0	0	2	1
TOTAL				18	0	6	21
SEMESTER	SL. NO	COURSE CODE	COURSE TITLE	L	T	P	C
III	1.	CU5301	Millimeter Wave Communication	3	0	0	3
III	2.		Professional Elective V	3	0	0	3
III	3.		Professional Elective VI	3	0	0	3
III	4.	CU5311	Project Work Phase I	0	0	12	6
TOTAL CREDITS				9	0	12	15
SEMESTER	SL. NO	COURSE CODE	COURSE TITLE	L	T	P	C
IV	1.	CU5411	Project Work (Phase II)	0	0	24	12
TOTAL CREDITS				0	0	24	12
TOTAL NO. OF CREDITS: 70							


HEAD OF THE DEPARTMENT


PRINCIPAL
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SEMESTER	SL. NO	COURSE CODE	COURSE TITLE	L	T	P	C
I	1.	MA7158	Applied Mathematics for Communication Engineers	3	1	0	4
I	2.	CU7101	Advanced Radiation Systems	3	0	0	3
I	3.	CU7102	Advanced Digital Communication Techniques	3	0	0	3
I	4.	AP7101	Advanced Digital Signal Processing	3	1	0	4
I	5.	CU7103	Optical Networks	3	0	0	3
I	6.	CU7001	Real Time Embedded Systems	3	0	0	3
I	7.	CU7111	Communication Systems Laboratory	0	0	3	2
TOTAL CREDITS				18	2	3	22
SEMESTER	SL. NO	COURSE CODE	COURSE TITLE	L	T	P	C
II	1.	CU7201	Wireless Communication Networks	3	0	0	3
II	2.	CU7202	MIC and RF System Design	3	0	0	3
II	3.	AP7301	Electromagnetic Interference and Compatibility	3	0	0	3
II	4.	CU7003	Digital Communication Receivers	3	0	0	3
II	5.	DS7201	Advanced Digital Image Processing	3	0	0	3
II	6.	NC7101	High Performance Networks	3	0	0	3
II	7.	CU7211	Innovative System Design Laboratory	0	0	3	2
TOTAL CREDITS				18	0	3	20
SEMESTER	SL. NO	COURSE CODE	COURSE TITLE	L	T	P	C
III	1.	CU7301	Advanced Satellite Based Systems	3	0	0	3
III	2.	NC7202	Wireless Adhoc and Sensor Networks	3	0	0	3
III	3.	NC7201	Communication Network Security	3	0	0	3
III	4.	CU7311	Project Work (Phase I)	3	0	0	3
TOTAL CREDITS				0	0	12	6
SEMESTER	SL. NO	COURSE CODE	COURSE TITLE	L	T	P	C
IV	1.	CU7411	Project Work (Phase II)	9	0	12	15
TOTAL CREDITS				0	0	24	12
TOTAL CREDITS				0	0	24	12



HEAD OF THE DEPARTMENT