

ACHARYA NAGARJUNA UNIVERSITY, NAGARJUNA NAGAR
SCHEME OF EXAMINATION AND INSTRUCTION FOR
M.TECH (COMMUNICATION ENGINEERING & SIGNAL PROCESSING)

w.e.f.: 2015-2016

FIRST SEMESTER

S.No.	Code No. & Subject	Hours / Week		Credits	Evaluation of Marks		Total
		L	P		INT	EXT	
1	CESP-511: Advanced Digital Communication	4	--	4	40	60	100
2	CESP-512: Coding Theory And Techniques	4	--	4	40	60	100
3	CESP-513: Speech Signal Processing	4	--	4	40	60	100
4	Elective Subject – 1	4	--	4	40	60	100
5	Elective Subject – 2	4	--	4	40	60	100
6	Elective Subject – 3	4	--	4	40	60	100
7	CESP-551: Communication Lab	--	3	2	40	60	100
8	CESP-552: Seminar	--	3	2	100	--	100
TOTAL		24	6	28	380	420	800

SECOND SEMESTER

S.No.	Code No. & Subject	Hours / Week		Credits	Evaluation of Marks		Total
		L	P		INT	EXT	
1	CESP-514: Real Time Signal Processing	4	--	4	40	60	100
2	CESP-515: Multirate Systems and Filter Banks	4	--	4	40	60	100
3	CESP-516: Wireless Communication	4	--	4	40	60	100
4	Elective Subject – 4	4	--	4	40	60	100
5	Elective Subject – 5	4	--	4	40	60	100
6	Elective Subject – 6	4	--	4	40	60	100
7	CESP-553: Signal Processing Lab	--	3	2	40	60	100
8	CESP-554: Mini Project / Term paper	--	3	2	100	--	100
TOTAL		24	6	28	380	420	800

LIST OF SUBJECTS

ELECTIVE SUBJECTS:

Subject Code	Subject Title	Subject Code	Subject Title
CESP-611	Video Processing	CESP-620	Embedded Systems
CESP-612	Wavelet Signal Processing	CESP-621	Pattern Recognition
CESP-613	Radar Signal Processing	CESP-622	Random Processing & Information Theory
CESP-614	Spread Spectrum Communication	CESP-623	Satellite Communication Systems
CESP-615	Advanced signal processing	CESP-624	Global Positioning Systems
CESP-616	Fiber Optic Communication	CESP-625	Telecommunication Switching Systems
CESP-617	Artificial Neural Networks	CESP-626	Fuzzy Techniques
CESP-618	Adaptive Signal Processing	CESP-627	Optimization Techniques
CESP-619	Microwave Measurements	CESP-628	Orthogonal Frequency Division Multiplexing

THIRD SEMESTER

S.No.	Code No. & Subject	Hours / Week		Credits	Evaluation of Marks		Total
		L	P		INT	EXT	
1	CESP-711: Internship	--	--	2	100	--	100
2	CESP-712: Project Seminar	--	--	6	100	--	100
TOTAL		--	--	6	200	--	200

FOURTH SEMESTER

S.No.	Code No. & Subject	Hours / Week		Credits	Evaluation of Marks		Total
		L	P		INT	EXT	
1	CESP-713 Project	--	--	16	50	150	150