



# CMR ENGINEERING COLLEGE

Kandlakoya (V), Medchal Road, Hyderabad – 501401.

## DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

### Attainment of Course Outcomes for 2013-14 Batch

Course Code	COURSE NAME	Course Outcomes (CO's)					
		CO1	CO2	CO3	CO4	CO5	CO6
C101	English (ENG)	2.85	3	3	2.7	3	3
C102	Mathematics – I (M-I)	1.2	1.2	0.88	0.7	0.96	1.8
C103	Mathematical Methods (MM)	1.2	0.72	0.87	1	1	1.12
C104	Engineering Physics (EP)	1.2	1.2	1.15	1.1	1.2	1.04
C105	Engineering Chemistry (EC)	0.6	0.4	0.2	0.93	1.2	1.2
C106	Engineering Drawing (ED)	1.2	1.2	1.2	0.9	1.2	1.8
C107	Computer Programming (CP)	0.96	0.6	0.6	0.72	0.8	0.7
C108	Computer Programming Lab (CP Lab)	3	3	3	3	3	3
C109	Engineering Physics/ Engineering Chemistry Lab (EP&EC Lab)	3	3	3	3	3	
C110	English Language Communication Skills Lab (ELCS Lab)	3	3	3	3	3	
C111	IT Workshop / Engineering Workshop (ITW&EW)	3	3	3	3	3	3
C211	Mathematics-III (M-3)	1.4	1.52	1.52	1.8	1.8	1.8
C212	Probability Theory & Stochastic Processes (PTSP)	1.8	1.67	1.8	1.8	1.8	1.8
C213	Switching Theory & Logic Design (STLD)	2	1.75	1.75	2.25	2.4	
C214	Electric circuits (EC)	1.8	1.7	1.6	1.8	1.8	1.8
C215	Electronic Devices & Circuits (EDC)	1.5	1.48	1.4	1.5	1.72	
C216	Signals & Systems (S&S)	1.53	1.7	1.53	1.8	1.6	
C217	Electronic Devices & Circuits Lab (EDC Lab)	3	3	3	3	3	3
C218	Basic Simulation Lab (BS Lab)	3	3	3	3	3	
C221	Principles of Electrical Engineering (PEE)	1.8	1.8	1.4	1.8	1.8	1.8

C222	Electromagnetic Theory & Transmission Lines (EMTL)	2.4	2.4	2.4	2.4	2.4	
C223	Pulse & Digital Circuits (PDC)	1.6	1.6	1.53	1.72	1.8	
C224	Environmental Studies (ES)	1.8	1.7	1.6	1.8	1.8	1.8
C225	Electronic Circuit Analysis (ECA)	2.5	1.75	1.75	2.25	2.4	
C226	Digital Design Using Verylog(DDV)	1.2	1.7	1.6	1.8	1.8	1.8
C227	Electrical Technology Lab (ET Lab)	3	3	3	3	3	3
C228	Electronic Circuit & Pulse Circuits Lab (EC&PC Lab)	3	3	3	3	3	
C311	Control Systems (CS)	1.8	1.7	1.6	1.8	1.8	1.8
C312	Computer Organization & Operating System(CO&OS)	1.8	1.8	1.8	1.8	1.8	1.8
C313	Antennas & Wave Propagation (AWP)	2.27	1.7	1.6	1.8	1.8	
C314	Electronic Measurements & Instrumentation (EMI)	2.4	2.4	2.4	2.4	2.4	2.4
C315	Analog Communications (AC)	1.8	1.8	1.8	1.7	1.67	
C316	Linear & Digital IC Applications (LDICA)	2	2	2.2	2	2.2	2.4
C317	Analog Communications Lab (AC Lab)	3	3	3	3	3	
C318	IC Applications & HDL Simulation Lab (ICA & HDL Lab)	3	3	3	3	3	
C321	Digital Communications (DC)	2.4	2.1	2.4	2.4	2	
C322	Microprocessors & Microcontrollers (MPMC)	1.8	1.7	1.6	1.8	1.8	
C323	Digital Signal Processing (DSP)	1.8	1.8	1.8	1.8	1.8	1.8
C324	Managerial Economics & Financial Analysis (MEFA)	2.4	2.4	2.4	2.2	2.32	2.4
C325	Human Values and Professional Ethics(HVPE)	2.4	1.7	1.6	1.8	1.8	1.8
C326	VLSI Design (VLSID)	1.2	1.2	1.2	1.2	1.2	1.2
C327	Microprocessors & Microcontrollers Lab (MPMC Lab)	3	3	3	3	3	
C328	Digital Signal Processing Lab (DSP Lab)	3	3	3	3	3	
C411	Management Science (MS)	1.7	1.7	1.8	1.8	1.8	
C412	Embedded System Design (ESD)	2.4	2.4	2.2	2.4	2.4	
C413	Microwave Engineering (MWE)	1.5	1.73	1.8	1.52	1.8	

C414	Computer Networks (CN)	1.2	1.7	1.6	1.8	1.8	1.8
C415	Digital Image Processing(DIP)	1.8	1.7	1.8	1.8	1.8	1.8
C416	Cellular & Mobile Communications (CMC)	2.3	2.3	2.2	2.4	2.4	2.4
C417	Advanced English Language Communication Skills Lab (AELCS Lab)	3	3	3	3	3	
C418	Microwave Engineering & Digital Communications Lab(MWE&DC Lab)	3	3	3	3	3	
C421	Sattelite Communications(SC)	1.5	1.7	1.5	1.5	1.6	1.6
C422	Radar Systems (RS)	1.6	1.7	1.6	1.8	1.4	1.4
C423	Wireless Communications & Networks (WCN)	1.6	2.3	2.2	2.4	2.4	2.4
C424	Industry Oriented Mini Project	3	3	3	3	3	3
C425	Seminar	3	3	3	3	3	
C426	Major Project	3	3	3	3	3	3
C427	Comprehensive Viva	3	3	3	3	3	