

M.KUMARASAMY COLLEGE OF ENGINEERING, KARUR
(Autonomous)
REGULATION 2012
CURRICULUM FROM III TO VIII SEMESTER FOR
B.E DEGREE IN CIVIL ENGINEERING
(For the students admitted from academic year 2012-13 onwards)

SEMESTER III

COURSE CODE	COURSE TITLE	Hours / Weeks			Credits	Maximum Marks		
		L	T	P		CIA	ESE	Total
THEORY								
UMA12301	Transforms and Partial Differential Equations	3	1	0	4	50	50	100
UCE12301	Engineering Geology	3	0	0	3	50	50	100
UCE12302	Strength of Materials - I	3	1	0	4	50	50	100
UCE12303	Fluid Mechanics	3	1	0	4	50	50	100
UCE12304	Surveying - I	3	0	0	3	50	50	100
UCE12305	Environmental Science and Engineering	3	0	0	3	50	50	100
PRACTICAL								
UCE12306P	Survey Practical – I	0	0	4	2	50	50	100
UCE12307P	Building Drawing (CADD + Manual)	0	0	4	2	50	50	100
UCE12308P	Material Testing Lab	0	0	3	2	50	50	100
UTP12301P	Career Skill Development-I	0	0	1	1	100	0	100
TOTAL		18	3	12	28	550	450	1000

SEMESTER IV

COURSE CODE	COURSE TITLE	Hours / Weeks			Credits	Maximum Marks		
		L	T	P		CIA	ESE	Total
THEORY								
UMA12403	Numerical Methods	3	1	0	4	50	50	100
UCE12401	Soil Mechanics	3	0	0	3	50	50	100
UCE12402	Strength of Materials - II	3	1	0	4	50	50	100
UCE12403	Hydraulics and Hydraulic Machinery	3	1	0	4	50	50	100
UCE12404	Surveying – II	3	0	0	3	50	50	100
UCE12405	Construction Practices and Techniques	3	0	0	3	50	50	100
PRACTICAL								
UCE12406P	Soil Mechanics Laboratory	0	0	3	2	50	50	100
UCE12407P	Hydraulic Engineering Laboratory	0	0	3	2	50	50	100
UCE12408P	Survey Practical – II	0	0	4	2	50	50	100
UTP12401P	Career Skill Development-II	0	0	1	1	100	0	100
TOTAL		18	3	11	28	550	450	1000

CIA-CONTINUOUS INTERNAL ASSESMENT, ESE- END SEMESTER EXAMINATION

SEMESTER V

COURSE CODE	COURSE TITLE	Hours / Weeks			Credits	Maximum Marks		
		L	T	P		CIA	ESE	W
THEORY								
UCE12501	Remote Sensing and GIS	3	0	0	3	50	50	100
UCE12502	Highway Engineering	3	0	0	3	50	50	100
UCE12503	Design of RC Elements	3	1	0	4	50	50	100
UCE12504	Structural Analysis –I	3	1	0	4	50	50	100
UCE12505	Foundation Engineering	3	1	0	4	50	50	100
UCE12506	Water Supply Engineering	3	0	0	3	50	50	100
PRACTICAL								
UCE12507P	Public Health Engineering Laboratory	0	0	3	2	50	50	100
UCE12508P	Highway Engineering Laboratory	0	0	3	2	50	50	100
UCE12509P	Survey Camp	0	0	3	2	50	50	100
UTP12501P	Career Skill Development-III	0	0	1	1	100	0	100
TOTAL		18	3	10	28	550	450	1000

SEMESTER VI

COURSE CODE	COURSE TITLE	Hours / Weeks			Credits	Maximum Marks		
		L	T	P		CIA	ESE	Total
THEORY								
UCE12601	Concrete Technology	3	0	0	3	50	50	100
UCE12602	Structural Analysis-II	3	1	0	4	50	50	100
UCE12603	Design of Steel Structures	3	1	0	4	50	50	100
UCE12604	Waste Water Engineering	3	0	0	3	50	50	100
UCE12605	Railways,Airports & Harbour Engineering	3	0	0	3	50	50	100
UCE12606	Design of RCC and Masonry Structures	3	1	0	4	50	50	100
PRACTICAL								
UCE12607P	Concrete Laboratory	0	0	3	2	50	50	100
UCE12608P	Computer Aided Design & Drawing	0	0	3	2	50	50	100
UCE12609P	Technical Seminar	0	0	2	2	50	50	100
UTP12601P	Career Skill Development-IV	0	0	1	1	100	0	100
TOTAL		18	3	9	28	550	450	1000

CIA-CONTINUOUS INTERNAL ASSESMENT, ESE- END SEMESTER EXAMINATION

SEMESTER VII

COURSE CODE	COURSE TITLE	Hours / Weeks			Credits	Maximum Marks		
		L	T	P		CIA	ESE	Total
THEORY								
UBA12702	Principles of Management	3	0	0	3	50	50	100
UCE12701	Irrigation Engineering	3	0	0	3	50	50	100
UCE12702	Estimation and Quantity Surveying	3	1	0	4	50	50	100
UCE12703	Structural Dynamics and Earthquake Engineering	3	1	0	4	50	50	100
E-1	Elective- 1	3	0	0	3	50	50	100
E-2	Elective- 2	3	0	0	3	50	50	100
PRACTICAL								
UCE12706P	Design Project	0	0	3	2	50	50	100
UCE12707P	Irrigation and Environmental Engineering Drawing	0	0	3	3	50	50	100
TOTAL		18	2	6	25	400	400	800

SEMESTER VIII

COURSE CODE	COURSE TITLE	Hours / Weeks			Credits	Maximum Marks		
		L	T	P		CIA	ESE	Total
THEORY								
UCE12801	Construction Management	3	0	0	3	50	50	100
E-3	Elective – 3	3	1	0	4	50	50	100
E-4	Elective – 4	3	0	0	3	50	50	100
PRACTICAL								
UCE12804P	Project work	0	0	12	10	50	50	100
TOTAL		9	1	12	20	200	200	400

CIA-CONTINUOUS INTERNAL ASSESMENT, ESE- END SEMESTER EXAMINATION

TOTAL NO OF CREDITS = 157