

M.KUMARASAMY COLLEGE OF ENGINEERING, KARUR
(Autonomous)
ELECTIVES FOR B.E DEGREE IN CIVIL ENGINEERING

List of Electives for VII semester

COURSE CODE	COURSE TITLE	Hours / Weeks			Credits	Maximum Marks		
		L	T	P		CIA	ESE	Total
UCE12751	Maintenance and Rehabilitation of Structures	3	0	0	3	50	50	100
UCE12752	Storage Structures	3	0	0	3	50	50	100
UCE12753	Prestressed Concrete Structures	3	0	0	3	50	50	100
UCE12754	Tall Structures	3	0	0	3	50	50	100
UCE12755	Finite Element Techniques	3	0	0	3	50	50	100
UCE12756	Groundwater Engineering	3	0	0	3	50	50	100
UCE12757	Water Resources Engineering	3	0	0	3	50	50	100
UCE12758	Transportation Planning and Systems	3	0	0	3	50	50	100
UCE12759	Industrial Wastewater Pollution- Prevention and Control	3	0	0	3	50	50	100
UCE127510	Pavement Engineering	3	0	0	3	50	50	100
UCE127511	Geographic Information System Applications	3	0	0	3	50	50	100
UCE127512	Electronic Surveying	3	0	0	3	50	50	100

List of Electives for VIII semester

COURSE CODE	COURSE TITLE	Hours / Weeks			Credits	Maximum Marks		
		L	T	P		CIA	ESE	Total
UCE12851	Cartography	3	0	0	3	50	50	100
UCE12852	Bridge Structures	3	1	0	4	50	50	100
UCE12853	Prefabricated Structures	3	0	0	3	50	50	100
UCE12854	Design of Plate and Shell Structures	3	1	0	4	50	50	100
UCE12855	Advanced Highway Engineering	3	0	0	3	50	50	100
UCE12856	Environmental Impact Assessment	3	0	0	3	50	50	100
UCE12857	Municipal Solid Waste Management	3	0	0	3	50	50	100
UCE12858	Air Pollution Control	3	1	0	4	50	50	100
UCE12859	Smart Materials and Structures	3	0	0	3	50	50	100
UCE128510	Traffic Engineering and Management	3	0	0	3	50	50	100
UBA12859	Professional Ethics & Human Values	3	0	0	3	50	50	100
UBA128510	Total Quality Management	3	0	0	3	50	50	100

CIA-CONTINUOUS INTERNAL ASSESMENT, ESE- END SEMESTER EXAMINATION