

**M.E CONSTRUCTION ENGINEERING AND MANAGEMENT
(TWO YEAR FULL TIME)**

REGULATION 2007

SEMESTER – I

SUB.CODE	SUBJECT	L	T	P	C
Theory					
YCM 101	Engineering Statistics	3	1	0	4
YCM 102	Construction Equipment	3	0	2	4
YCM 103	Modern Construction Materials	3	0	2	4
YCM 104	Project Formulation and Appraisal	3	0	2	4
YCME **	Elective – I	3	0	0	3
YCME **	Elective – II	3	0	0	3

Total Hours: 25

Total Credits: 22

SEMESTER – II

SUB.CODE	SUBJECT	L	T	P	C
Theory					
YCM 201	Advanced Construction Techniques	3	1	0	4
YCM 202	Computer Applications in Construction Engineering and Planning	3	0	2	4
YCM 203	Construction Planning, Scheduling and Control	3	0	2	4
YCM 204	Contract Laws and Regulations	3	0	2	4
YCME **	Elective III	3	0	0	3
YCME **	Elective IV	3	0	0	3

Total Hours: 25

Total Credits: 22

SEMESTER – III

SUB.CODE	SUBJECT	L	T	P	C
Theory					
YCM 301	GIS for Construction Management Applications	3	0	0	3
YCME **	Elective V	3	0	0	3
YCME **	Elective VI	3	0	0	3
Practical					
YCM 302	Practical Training (4 weeks in previous summer)	0	0	2	1
YCM 303	Seminar & Group Discussion	0	0	2	1
YCM 304	Project Work (Phase I)	0	0	12	6

Total Hours: 25**Total Credits: 17****SEMESTER – IV**

SUB.CODE	SUBJECT	L	T	P	C
Practical					
YCM 401	Project Work (Phase II)	0	0	25	13

Total Hours: 25**Total Credits: 13**

LIST OF ELECTIVES

SUB.CODE	SUBJECT	L	T	P	C
YCME 51	Shoring, Scaffolding and Formwork	3	0	0	3
YCME 52	System Integration in Construction	3	0	0	3
YCME 53	Energy Conservation Techniques in Building Construction	3	0	0	3
YCME 54	Construction Project Management	3	0	0	3
YCME 55	Human Resource Management in Construction	3	0	0	3
YCME 56	Business Economics and Finance Management	3	0	0	3
YCME 57	Quality Control and Assurance in Construction	3	0	0	3
YCME 58	Resource Management and Control in Construction	3	0	0	3
YCME 59	Advanced Concrete Technology	3	0	0	3
YCME 60	Maintenance and Rehabilitation of Structures	3	0	0	3
YCME 61	Building Services	3	0	0	3
YCME 62	Building Acoustics	3	0	0	3
YCME 63	Safety in Construction Engineering	3	0	0	3

L - Lecture
 T - Tutorial
 P – Practical
 C - Credit

Total Credits for the Course: 74