



**M.E CONSTRUCTION ENGINEERING AND MANAGEMENT
 (THREE YEAR PART TIME)
 CURRICULUM – 2009
 SEMESTER I**

Code No.	Course Title	L	T	P	C
THEORY					
QCM 101	Engineering Statistics and Research Methodologies	3	1	0	4
QCM 102	Construction Equipment	3	0	0	3
QCM 103	Modern Construction Materials	3	0	0	3
QCM 104*	Elective – I	3	0	0	3

Total Hours: 13

Total Credits: 13

SEMESTER II

Code No.	Course Title	L	T	P	C
THEORY					
QCM 201	Project Formulation and Appraisal	3	0	0	3
QCM 202	GIS for Construction Management Applications	3	0	0	3
QCM 203	Quality Control and Assurance in Construction	3	0	0	3
QCM 204*	Elective II	3	0	0	3

Total Hours: 12

Total Credits: 12



SEMESTER III

Code No.	Course Title	L	T	P	C
THEORY					
QCM 301	Advanced Construction Techniques	3	0	0	3
QCM 302	Computer Applications in Construction Engineering and Planning	3	0	0	3
QCM 303	Construction Planning, Scheduling and Control	3	0	0	3
QCM 304*	Elective III	3	0	0	3

Total Hours: 13

Total Credits: 12

* Denotes A, B, C and D

SEMESTER IV

Code No.	Course Title	L	T	P	C
THEORY					
QCM 401	Contract Laws and Regulations	3	0	0	3
QCM 402	Advanced Concrete Technology	3	0	0	3
QCM 403*	Elective IV	3	0	0	3
PRACTICAL					
QCM 404	Computer Aided Planning and Scheduling Lab	0	0	3	2

Total Hours: 12

Total Credits: 11

SEMESTER V

Code No.	Course Title	L	T	P	C
Theory					
QCM 301	Project Work (Phase I)	0	0	18	9

Total Hours: 17

Total Credits: 9

SEMESTER – VI

Code No.	Course Title	L	T	P	C
Practical					
QCM 401	Project Work (Phase II)	0	0	35	18

Total Hours: 35

Total Credits: 18

Over all Credits:75

List of Electives

Elective I

Code No.	Course Title	L	T	P	C
QCM104A	Maintenance and Rehabilitation of Structures	3	0	0	3
QCM104B	Building Acoustics	3	0	0	3
QCM104C	Town Planning	3	0	0	3
QCM104D	Optimization Techniques in Construction	3	0	0	3

Elective II

Code No.	Course Title	L	T	P	C
QCM204A	Resource Management and Control in Construction	3	0	0	3
QCM204B	System Integration in Construction	3	0	0	3
QCM204C	Energy Conservation Techniques in Building Construction	3	0	0	3
QCM204D	Building Services	3	0	0	3

Elective III

QCM304A	Construction Project Management	3	0	0	3
QCM304B	Safety in Construction Engineering	3	0	0	3
QCM304C	Smart Materials and Smart Construction	3	0	0	3
QCM304D	Services in building Complex	3	0	0	3

Elective IV

QCM403A	Human Resource Management in Construction	3	0	0	3
QCM403B	Business Economics and Finance Management	3	0	0	3
QCM403C	Shoring, Scaffolding and Formwork	3	0	0	3
QCM403D	Building Bye Laws	3	0	0	3

- L → LECTURE HOURS
T → TUTORIAL HOURS
P → PRACTICAL HOURS
C → CREDITS HOURS