

CURRICULAM

M.TECH I SEMESTER

Subject Code	Subject Name
MCESC 101*	Analytical Methods in Engineering
MCESC 102*	Advanced Design of Concrete Structures
MCESC 103*	Theory of Elasticity
MCESC 104	Construction Management
MCESC 105	Elective - I
MCESC 106	Elective - II

Elective – I (MCESC 105)

MCESC 105 – 1*	Advanced Analysis of Structures
MCESC 105 – 2	Bridge Engineering
MCESC 105 – 3**	Structural Dynamics
MCESC 105 - 4	Advanced construction techniques

Elective – II (MCESC 106)

MCESC 106 – 1*	Prestressed Concrete
MCESC 106 – 2*	Computer Aided Design
MCESC 106 – 3*	Advanced Concrete Technology
MCESC 106 - 4	Construction methods and Equipments

M.TECH II SEMESTER

Subject Code	Subject Name
MCESC 201*	Microstructure and Innovations in Structural Concrete
MCESC 202*	Finite Element Analysis
MCESC 203*	Theory of Plates and Shells
MCESC 204	Project Planning and Implementation
MCESC 205	Elective - III
MCESC 206	Elective IV

Elective – III (MCESC 205)

Subject Code	Subject Name
MCESC 205 – 1*	Earthquake Resistant Design
MCESC 205 – 2*	Structural Reliability
MCESC 205 - 3	Construction planning, scheduling and control
MCESC 205 - 4	Environment and Pollution

Elective – IV (MCESC 206)

Subject Code	Subject Name
MCESC 206 – 1*	Structural Stability
MCESC 206 – 2*	Advanced Steel Structures
MCESC 206 – 3*	Maintenance & Rehabilitation of Structures
MCESC 206 - 4	Civil Engineering Material Science

M.TECH THIRD SEMESTER

Sl.No	Subject Code	Subject Name
1	MCSCS 301	Industrial Training and Mini Project
2	MCSCS 302	Master's Thesis Phase - I

M.TECH IV SEMESTER

Sl. No	Subject Code	Subject Name
1	MCSCS401	Master's Thesis Evaluation
2	MCSCS402	Master's Comprehensive Viva