

Master of Science in Civil Engineering Technology

Minimum Duration : 4 Semesters 2 Years
 Maximum Duration : 8 Semesters, 4 Years
 Minimum CGPA required to earn degree 2.50

Program Code 134
 Number of Courses 9-12
 Credit Hours 33-36

Program Objectives:

To escort the graduates in continual learning by pursuing advanced degrees or additional educational opportunities through conducting innovating researches, prepare them to develop team work and have excellent interpersonal communication skills.

Eligibility

Candidate having 16 years of education in B-Tech/BSc Engineering Technology in relevant field with 2.00 CGPA on the scale of 4.00 in semester system or at least 50% marks in annual system from any recognized institute/university is eligible to apply.

Applicant need to pass GAT (General) to be conducted by NTS/ETEA/any Registered Testing Agency or University, with at least 50% cumulative score and to clear departmental interview at the time of Admission. .

Program Outcomes:

After completion of MS Program, Scholars will be able:

- ▶ Excel professionally in the field of Civil Technology by planning, designing, constructing and operating inter-disciplinary projects of civil works.
- ▶ Attain optimum level of technical expertise and impart efficient managerial skills.
- ▶ Take-up any challenging task by utilizing time and resources along with their technical creativity and proactive approach in order to play leading role in organization.

Course Code	Course Title	Cr. Hrs. 9
	Core -I	3-0
	Core -II	3-0
	Elective I	3-0

SEMESTER ONE

Course Code	Course Title	Cr. Hrs. 9
	Core -III	3-0
	Core -IV	3-0
	Elective II	3-0

SEMESTER TWO

Master of Science in Civil Engg Technology

SEMESTER THREE

Course Code	Course Title	Cr. Hrs.
	Core -V	3-0
	Core -VI	3-0
RES 585	*Applied Research Methods	3-0

SEMESTER FOUR

Course Code	Course Title	Cr. Hrs.
	Plan A: MS with Research Work	
RES 690	Research Thesis	6-0
	Plan B: MS with Course Work	
	Elective III	3-0
	Elective IV	3-0
	Elective V	3-0

Specialization Offered

CivilEngineeringTechnology

List of Core Courses

Course Code	Course Title	Cr. Hrs.
CT 501	Advanced Properties of Concrete	3-0
CT 502	Water & Sanitation Technology	3-0
CT 503	Environmental Audit & Assessment	3-0
CT 504	Advanced Structural Technology	3-0
CT 505	Soil Improvement Techniques	3-0
CT 506	Geometrics & Safety of Highways	3-0
CT 507	Pavement Construction & Maintenance	3-0
CT 508	Management in Construction	3-0
CT 509	Health & Safety in Construction	3-0
CT 510	Estimation & Costing Practice	3-0
CT 511	Advanced Reinforced Concrete	3-0
CT 512	Soil Technology	3-0
CT 513	Ground Water Hydrology	3-0