

The revolutionary changes sweeping through the telecommunications industry have a direct impact on almost every business decision made today. Every major corporate in India, be it domestic or multinational, is viewing the telecom sector as a potential profit earner in the future. The rapidly changing nature of telecom technology calls for highly competent and up-to-date trainers-a most challenging task.

The first and the second semesters of MScTT aim at preparing a graduate to acquire the fundamental knowledge of telecom, networking and IT. Students will be exposed to the latest trends in programming languages and RDBMS.

The third and fourth semesters of MScTT are focused on the core telecommunication subjects, which will help learners to excel in telecom field.

Objectives:

- To develop strong technical competence in modern IT practices in telecom field.
- To impart programming and database handling skills and provide exposure to the latest trends in programming.
- Learn the characteristics of human speech and the generation of electrical signals in modern telephone.

Eligibility: 3 year Graduation.

Course Fee: Rs.10,450/- per semester inclusive of examination fees or as revised from time to time.

Minimum duration: 2 years (4 semesters)

Maximum duration: 4 years

Minimum counseling and hands-on experience at learning centers: 160 hrs/semester.

Provision for lateral entry to second semester of MScTT

Eligibility:

1. BCA / BSc (IT/CS/AIT) / BE / B Tech from a recognized university.

OR

2. 3-year Graduation with PGDCA/PGDIT or equivalent from a recognized university / successful completion of A level course from DOECC after graduation.

OR

3. 3-year Graduation with 2 year Diploma from CMC / ET&T / NIIT/APTECH/2 year advanced Diploma in IT from Center for Electronic Design & Technology of India (CEDTI).

Additional Fees: In addition to the normal fees, an additional lateral entry fee of Rs.3,700/- (including examination fees) is payable by students opting for this scheme.

Note: In this lateral entry scheme, students have to appear and pass the first semester examination. Books of first semester will be supplied by the University and internal assessment will be completed at the Learning Center.

First Semester		
Sub. Code	Title	Credit
ME0001	Computer Basics	4
ME0002	C & Object Oriented Programming (OOPS)	4
ME0003	Basic Electronics for Telecom	2
ME0004	Java Programming	2
ME0005	Basic Principles of Networking	4
Total Credits		16

Second Semester		
Sub. Code	Title	Credit
ME0006	Principles of Digital Telecom	2
ME0007	Broadband Communication Network	2
ME0008	Wireless Communication System	2
ME0009	Mathematics for Telecommunications	2
ME0010	Database Management	4
ME0011	Software Engineering	4
Total Credits		32

Third Semester		
Sub. Code	Title	Credit
ME0012	Overview of Telecom Technology	4
ME0013	Switching & Transmission Fundamentals	4
ME0014	New Generation Networks (Optical Base Network)	2
ME0015	Signaling System Number7	2
ME0016	WML Script & WAP	2
ME0017	Client Server Architecture	2
Total Credits		48

Fourth Semester		
Sub. Code	Title	Credit
ME0018	Voice over IP	4
ME0019	Geographical Information System	2
ME0020	Artificial Intelligence & Remote Communication	2
ME0021	Billing & Customer Care	2
ME0022	Telecommunication Regulation, Market and Service	2
ME0023	Project	4
Total Credits		64