

MASTER OF COMPUTER SCIENCE (MCS)

(2 YEARS, 4 SEMESTERS, CREDITS: 60)

The Master of Computer Science at Texas College of Management and IT prepares students to enter the vast world of Computer Science. The master's program in computer science provides a broad education in computer science with the possibility to specialize with different subjects. You will learn the methods for constructing computer programs, including theoretical foundations and the practical ability to develop products and systems. During the program, you will meet prominent guest lectures from the industry and guest lecturers from other universities. With our International degree from Lincoln University College, horizon becomes vast and wider. Moreover, with National and International exposure and hands-on professional courses and specializations, we add value to their career potential and job probability. Texas College of Management and IT boasts of 100% Industrial Internship placement to its students. With international certified career coach in house, we assist students for job placements on completion of courses and programs as well. This adds value to their entire learning experiences.

PROGRAM AIM

Computer systems and network, establishes link between people and businesses on a global scale. Business and industry is dependent on diverse network technologies and there is a high demand for professionals for designing as well as efficiently managing network systems.

CAREER OPPORTUNITIES

- Computer and information system managers
- Computer and information research scientists
- Computer network architects
- Software development engineers
- Software developers
- Information security analysts
- Database administrators
- Computer system analysts
- Network and computer system administrators



MCS SYLLABUS

SEMESTER 1 | YEAR 1

S.N	Module Name	Module Code	Credits
1	Object Oriented Programming	MCS 143	3
2	Algorithms And Complexity	MCS 123	3
3	High Performance Network	MCM -253	4
4	Internet Programming and Web Design	MCS 153	4
Credit			14

SEMESTER 2 | YEAR 1

S.N	Module Name	Module Code	Credits
1	Telecommunication Systems	MCS 263	3
2	Information Security	MCSO 213	3
3	Advanced java	MCS 313	4
4	Artificial Intelligence	MCS 313	3
Credit			13

SEMESTER 3 | YEAR 2

S.N	Module Name	Module Code	Credits
1	Advanced Database	MCS 113	4
2	Research Methodology	MCSC 363	4
3	Cloud Computing	MCSC 213	3
4	Advanced AI With Expert System	MCSH243	4
Credit			15

SEMESTER 4 | YEAR 2

S.N	Module Name	Module Code	Credits
1	Project Paper	MCS 376	12
2	Customer Relationship Management	MCS 377	6
Credit			18