### **Faculty Members**

- Prof. Dr. Md. Nazrul Haque Chowdhury Dean, School of Science & Technology B.Sc., M.Sc., M.Phil. Ph.D (Mathematics), CU
- Prof. Dr. Yousuf M Islam PhD in Design, Manufacturing Engineering Management. Strathclyde University, Glasgow, UK B.Sc.(Hons.) in EEE, Heriat-watt University, Edinburgh, UK
- Prof. Choudhury M. Mukammel Wahid

B.Sc., M.Sc. (Physics), SUST M.Sc. (Physics), Dalhousie University, Canada M.Phil (Physics), BUET Professor & Advisor, Student Welfare

- Dr. A.S.M. Iftekhar Uddin B.Sc. (CCE), IIUC M.Sc. leading Ph.D (Electrical Engineering) University of Ulsan, South Korea Associate Professor
- Fuad Ahmed B.Sc. (CIS), London Metropolitan University, UK M.Sc. (CS), Oxford Brookes University, UK Associate Professor
- Md. Mahfujul Hasan B.Sc. (CSE), IIUC M.Sc. (Communication Engg.), UIU Assistant Professor
- Md. Rashedul Islam B.Sc., M.Sc. (Applied Physics Electronics & Communication Engg.), DU Assistant Professor
- Md. Jakir Hossain B.Sc. in ECE, Southern University Bangladesh, Chittagong M.Sc. in CSIT (Communication), Southern University Bangladesh, Chittagong PhD in Computer Sci. & Tech. Assistant Professor
- **▶** Jannatul Ferdous M.S in Statistics, CU B.Sc in Statistics. CU Assistant Professor
- Suhel Ahmed B.Sc., M.S. (Mathematics), CU M.Phil (in progress), SUST Assistant Professor

- Mahjabeen Akter B.Sc. (CSE), SUST M.Sc. (CSE), SUST PhD in Computer Science (in progress), SUST Lecturer
- Naima Ahmed Fahmi B.Sc. (CSE), SUST M.Sc. (CSE), (in progress), SUST
- Partha Sarathi kar B.Sc. (CSE), SUST M.Sc. (Software Engineering), (in progress), University of Tartu Estonia Lecturer
- **▶** Ehsan Robbany Chowdhury B.Sc. (CSE), MU M.Sc. (in progress), Hamburg University of Tech., Germany Lecturer
- Akhlak Uz Zaman Ashik B.Sc. (CSE), MU M.Sc. (in progress) (IT), JU
- Md. Ashikul Islam B.Sc. (CSE), M.Sc. (in progress), SUST Lecturer
- Munshi Fahim Sadi B.Sc. (CSE), MU M.Sc. (CSE), (in progress), Frankfurt University Lecturer
- Nishat Tasnim Ahmed Meem B.Sc. (CSE), M.Sc. (in progress), SUST Lecturer
- Md. Raiu Ahmed B.Sc. (CSE), MU M.Sc. in ICS, (in progress) Technische University Hamburg, Germany Lecturer
- Labiba Jahan B.Sc. (CSE), SUST M.Sc. (CSE), SUST PhD (CSE), Florida Intl University, USA (in progress) Lecturer
- Peash Ranian Saha B.Sc. (CSE), University of Chittagong M.Sc. (CSE), (in progress). University of Lethbridge, Canada Lecturer
- Ahmed-Bin-Zaman B.Sc. (CSE), SUST PhD (CSE), (in progress), George Mason University, USA Lecturer
- Sharmishtha Dutta B.Sc. (CSE), SUST PhD (CSE), (in progress) Lecturer

04 February 2021

# M.Sc. in MIS M.Sc. in Management Information Systems





#### Founder & Chairman

Dr. Toufique Rahman Chowdhury

Vice Chancellor Professor Md. Saleh Uddin PhD























#### Introduction

The Master of Science (M.Sc.) programme in MIS is intended for students who want to obtain specialised education in Management Information Systems and the use of Information Technologies in business for strategic decision making. This course is intended to develop competence necessary for the effective management of information systems and technology and to develop the research and analytical skills necessary to deal with various technical problems in MIS in business organisations and to foster the analytical ability and management skills of the student, especially in the field of IT.

## **General Information**

The waves of Globalisation of knowledge, its expansion and dissemination have brought a radical shift in the concept of University. A further shift is registered in dismantling the age-old notion that the state alone is to shoulder the burden of tertiary education and accommodating the private universities to share this national duty, of course, without making any compromise in academic excellence and other matrices of university education.

Metropolitan University joins this historic shift to bring quality university education at affordable cost to the doorsteps of the students. Under the leadership of Dr. Toufique Rahman Chowdhury, Founder Chairman, Board of Trustees and with the approval of the Ministry of Education under the Private University Act of 1992 (which was amended in 1998) Metropolitan University came into being or 3rd May 2003. Metropolitan University (MU) is situated in Sylhet, Bangladesh.

## **Career Opportunity**

MIS graduates have a wide variety of career open to them, with new forms of specialisation opening up regularly in response to new challenges. In almost every sector of our economy, one finds people grappling with problems with information management.

Some of the opportunity of jobs are listed below; IT Manager, Systems Manager, Project Consultant, Systems Support Staff, Software Developer, System Engineer, System analyst, Systems /Applications Programmer, Web Development Staff, Business Analyst etc.

## **Graduate Programmes**

For M.Sc. in Management Information System (MIS), 4 years of graduation in the subject of Mathematics/Statistics/Physics or any other related field, or 4 years of graduation in the field of Business/Computing is required.

Total Credit Hours : 39
Programme Duration : 1 Year

Total Terms : 3 Terms (Each of 4 months)

## List of Courses

MSMIS 511	Basic Computing Principles
MSMIS 512	Business Data Processing
MSMIS 513	Quantitative Methods for Business
MSMIS 514	Computer Programming and Language
MSMIS 515	Human Communication & Information Systems
MSMIS 516	Business Management
MSMIS 521	Management Information Systems
MSMIS 522	Database Management Systems
MSMIS 523	Telecommunication & Computer Networking
MSMIS 524	Electronic Commerce
MSMIS 525	System Analysis & Design
MSMIS 526	Advanced Management Information Systems
MSMIS 531	User Interface Design
MSMIS 532	Information System Management
MSMIS 533	System Management
MSMIS 534	Decision Support Systems
MSMIS 535	Distributed Information Systems
MSMIS 536	Project Organization & Management
MSMIS 545	Project / Thesis
MSMIS 550	Project / Thesis with defense



#### **Credit Transfer**

Credit transfer to Universities in the USA, the UK, Australia, New Zealand, Canada and many other European Universities is available for our undergraduate & graduate programmes.