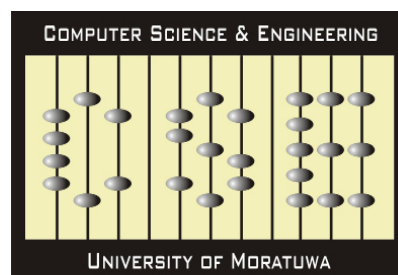


# MBA IN INFORMATION TECHNOLOGY

## MBA IN E-GOVERNANCE

2021

INTAKE



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## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

University of Moratuwa,  
Katubedda,  
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011 264 0387



# MBA in Information Technology

The MBA in Information Technology (MBA in IT) postgraduate degree program combines the very best of a general MBA with further specialist knowledge in the application of Information Technology in management.

Conducted by a panel of experts drawn from the academia, industry, and public sector, this program aims to integrate the best practices in leadership, management, and business processes to an IT professional's range of skills. This postgraduate qualification is designed to produce the top-notch IT managers and business executives required by the fast expanding Sri Lankan IT industry.

MBA in IT degree program also offers a specialization in Business Analytics for professionals who plan to concentrate on applying data-driven business intelligence to management. Professionals who do not wish to obtain a specialization may pick a set of elective modules to match their interests. Details of the specialization are as follows:

## **- Business Analytics -**

The exponential growth of the data accumulated by mankind has resulted in the phenomenon commonly referred to as Big Data— large, complex datasets that are impossible to comprehend for humans. A business organization can gain a competitive advantage by unlocking the hidden insights in their big data. This specialization explores the unique challenges and opportunities presented by big data, as well as their application to managerial decision making. Areas of study under the specialization include emerging disciplines of data science and business intelligence, enterprise information management, analysis for managerial decision making, and descriptive and predictive analytics. This specialization is useful for professionals who would like to apply data-driven business intelligence to business decision-making at management, operation, and planning levels of modern organizations.

# MBA in eGovernance

In the modern Information Technology (IT) driven social and economic space, activities of the public-sector organizations need to be aligned with the global trends in service and governance. The pivot for this improvement is a capable, trained, and motivated human resource that has the requisite knowledge and appreciation of Information and Communication Technology (ICT) in the service and management of public sector organizations.

The MBA in eGovernance postgraduate degree program combines the very best of a general MBA with further specialist knowledge in the area of IT-enabled public-sector service design, delivery, and management.

Conducted by a panel of experts drawn from the academia, industry, and public sector, this degree program aims to integrate the best practices in management, advanced business processes, and modern public-sector services to a professional who envisages leading eGovernance activities of public sector organizations. This postgraduate qualification is designed to produce the top-notch ICT specialists and eGovernance project managers required by the fast-modernizing public-sector organizations and services in Sri Lanka.



## Course Modules and Program Structure

The MBA in IT and MBA in eGovernance postgraduate degree programs consist of a set of compulsory modules in business management and information technology, a set of program / specialization specific compulsory modules, elective modules, and a research study with a thesis or a portfolio of projects. Students may complete a portfolio of projects, as an alternative to the research study with a thesis. The research study or portfolio of projects is expected to be in the area of specialization.

The programs are structured as a six semester (two-year) degree program with each semester consisting of 12 weeks of academic activities. Lectures are held on Saturdays at the University of Moratuwa. Recognizing the need to support public sector officials who may be assigned to duties in different areas of the country, MBA in eGovernance program may also facilitate alternative lecture schedules (e.g., selected weekends only, public holidays, residential training, etc.) depending on the student needs and lecturer availability. Lectures are also supplemented with online interactions via Moodle, Yammer, Google Hangout, Skype, etc.

In a typical study program arrangement, the first three semesters consist of taught course modules while the fourth and fifth semesters are a mix of taught courses and research/portfolio. The final semester is used for the research project and thesis writing or completion of a portfolio of projects.

MBA in IT and MBA in eGovernance degree programs require a total of 64 credits for completion. Thus, these degree programs are the first IT-related MBA programs in the country that satisfy the Sri Lanka Qualification Framework (SLQF) Level 10. Postgraduate Diploma (PG Diploma) in Business Administration specializing in IT or eGovernance degree program requires a total of 42 credits for completion (without the research project components or portfolio of projects) and can be completed in four semesters.

Course modules of the program are listed in Table 1. The program also includes a foreign study tour and industry visits. For example, students of 2016, 2017 and 2018 intakes visited several global IT giants in Singapore.

**Table 1 – Course modules of MBA in IT and eGovernance postgraduate degree programs.**

Code	Course Module	Credits	IT	IT + BA	eGov
<b>Compulsory Management Module</b>					
MN5201	Organizational Behaviour and Management	3	C	C	C
MN5206	Marketing Management	3	C	C	C
MN5207	Accounting and Financial Management	3	C	C	C
MN5208	Strategic Management	3	C	C	
MN5212	Management of Innovation and R&D	3	C	C	-
MN5214	Human Resource Management	3	C	C	C
MN5224	Skills for Business Management	3	C	C	C
MN5225	Management Decision Making	3	C	C	
MN5227	Business Economics	3	E	E	C
<b>Compulsory Information Technology Modules</b>					
CS5101	IT Project Management	3	C	C	C
CS5103	Information System Management	3	C	C	C
CS5105	Information Security	3	C	C	C
CS5115	IT Procurement Management	3	-	-	C
<b>Compulsory Business Analytics Modules</b>					
CS5121	Enterprise Information Management	3	E	C	E
CS5122	Descriptive and Predictive Analytics	3	E	C	E
CS5618	Business Intelligence	3	E	C	E
<b>Compulsory eGovernance Modules</b>					
CS5151	Public Sector Management	3			C
CS5152	e-Government Concepts	3			C
CS5153	Interoperability and Integration in e-Government	3			C
CS5154	Legal Frameworks for e-Governance	1.5			C
CS5155	e-Development Case Studies	1.5			C

Code	Course Module	Credits	IT	IT + BA	eGov
<b>Compulsory Research Modules</b>					
CS5192	Skills for Research Project <sup>1</sup>	2	C	C	C
CS6107	Research Project <sup>1,2</sup>	20	C	C	C
CS6111	Human Resource Development - Portfolio Project <sup>1,2</sup>	5	C	C	C
CS6112	IT Project Management - Portfolio Project <sup>1,2</sup>	5	C	-	-
CS6113	Information System Management - Portfolio Project <sup>1,2</sup>	5	C	C	C
CS6114	Business Intelligence - Portfolio Project <sup>1,2</sup>	5	-	C	
CS6115	Business Cases - Portfolio Project <sup>1,2</sup>	5	C	C	C
CS6116	Interoperability and Integration in e-Government - Portfolio Project <sup>1,2</sup>	5	-	-	C
<b>Elective Modules</b>					
CS5102	IT Policy and Planning	3	-	-	E
CS5104	Management Information Systems	3	E	E	E
CS5114	E-Commerce; Principles and Infrastructure	3	-	-	E
CS5118	IT Policy, Planning, and Procurement	3	E	E	-
CS5119	e-Business	3	E	E	-
CS5172	Concepts in Media and Communication	1.5	-	-	E
CS5173	Special Topics in eGovernance and ICT4D	1.5	-	-	E
CS5814	IT Law	3	E	E	E
MN5215	Supply Chain Management	3	E	E	E

**Key:**

- BA - Business Analytics specialization
- C - Compulsory module
- eGov - eGovernance degree program
- E - Elective module
- IT - Information Technology degree program
- 1 - Not applicable for students taking the PG Diploma
- 2 - Students may take either a Research Project or 4 Portfolio of Projects

**Note:**

*Offering of a particular degree program, specialization, or a course module during a given academic year is subject to having the minimum number of registrations.*



**Table 2 – Typical Program Schedule of MBA in IT and eGovernance postgraduate degree programs.**

Semester	Dates	MBA in IT Course Modules	MBA in eGovernance Course Modules
1	Jan 2 – Apr 3, 2021	MN5207 Accounting and Financial Management	
		MN5224 Skills for Business Management	
		CS5101 IT Project Management	
2	May 1 – Jul 31, 2021	MN5214 Human Resource Management	
		MN5225 Management Decision Making	CS5152 e-Government Concepts
		CS5103 Information System Management	
3	Sep 4 – Dec 4, 2021	MN5201 Organizational Behaviour and Management	
		CS5192 Skills for Research Project	
		MN5215 Supply Chain Management	
		CS5618 Business Intelligence	
4	Jan 1 – Apr 2, 2022	MN5206 Marketing Management	
		CS5105 Information Security	
		CS5122 Descriptive and Predictive Analytics	CS5115IT Procurement Management
		CS5118 IT Policy, Planning, and Procurement	
		CS6107 Research Project	
		CS6113 Information System Management - Portfolio Project	
5	Apr 30 – Jul 30, 2022	MN5208 Strategic Management	CS5151 Public Sector Management
		MN5212 Management of Innovation and R&D	CS5153 Interoperability and Integration in e-Government
		CS5121 Enterprise Information Management	CS5154 Legal Frameworks for e-Governance
		CS5119 e-Business	
		CS6107 Research Project	
		CS6111 Human Resource Development - Portfolio Project	
6	Sep 3 – Dec 3, 2022	MN5227 Business Economics	
		CS5814 IT Law	
		CS6107 Research Project	
		CS6112IT Project Management - Portfolio Project	CS5155 e-Development Case Studies
			CS5102 IT Policy and Planning
		CS6114 Business Intelligence - Portfolio Project	CS6116 Interoperability and Integration in e-Government- Portfolio Project
		CS6115 Business Cases - Portfolio Project	

**Note:** Some module offering may vary depending on students' registrations and lecturer availability.

# RESOURCE PERSONS

The MBA in IT and MBA in eGovernance postgraduate degree programs are conducted by senior academics of the University of Moratuwa with research specializations in specific study areas complemented by specialists from the industry.

## Prof. Gihan Dias

BSc Eng Hons (Moratuwa), MSc (UCSB), PhD (UCD), MIE (SL), CEng  
Professor, Dept of Computer Science and Engineering, University of Moratuwa

## Prof. Sanath Jayasena

BSc Eng Hons (Moratuwa), MSc (UIUC), PhD (UIUC), MIE (SL), CEng  
Associate Professor, Dept of Computer Science and Engineering, University of Moratuwa

## Dr. Chathura De Silva

BSc Eng Hons (Moratuwa), MEng (NTU), PhD (NUS), MIE (SL), CEng  
Senior Lecturer, Dept of Computer Science and Engineering, University of Moratuwa

## Dr. Shantha Fernando

BSc Eng Hons (Moratuwa), MPhil (Moratuwa), PhD (Delft), MIE (SL), MIEE (London), CEng  
Senior Lecturer, Dept of Computer Science and Engineering, University of Moratuwa

## Dr. Chandana Gamage

BSc Eng Hons (Moratuwa), MEng (AIT), PhD (Monash), MIE (SL), CEng  
Senior Lecturer, Dept of Computer Science and Engineering, University of Moratuwa

## Dr. Shehan Perera

BSc Hons (Colombo), MSc (NDSU), PhD (NDSU)  
Senior Lecturer, Dept of Computer Science and Engineering, University of Moratuwa

## Ms. Vishaka Nanayakkara

BSc Eng Hons (Moratuwa), Tech Licentiate (Chalmers),  
Senior Lecturer, Dept of Computer Science and Engineering, University of Moratuwa

### Dr. Rapti de Silva

BA Hons (Virginia), MSc (Virginia), PhD (Syracuse)  
Senior Lecturer, Dept of Computer Science and Engineering, University of Moratuwa

### Dr. Dilum Bandara

BSc Eng Hons (Moratuwa), MS (CSU), PhD (CSU)  
Senior Lecturer, Dept of Computer Science and Engineering, University of Moratuwa

### Dr. Charith Chitraranjan

BSc Eng (Hons) (Moratuwa), MSc (NDSU), PhD (NDSU)  
Lecturer, Dept of Computer Science and Engineering, University of Moratuwa

### Dr. Kutila Gunasekera

BSc Eng (Hons) (Moratuwa), MSc (Moratuwa), PhD (Monash)  
Senior Lecturer, Dept of Computer Science and Engineering, University of Moratuwa

### Dr. Dulani Meedeniya

BSc Hons (Peradeniya), MSc (Moratuwa), PhD (St Andrews)  
Senior Lecturer, Dept of Computer Science and Engineering, University of Moratuwa

### Dr. Indika Perera

BSc Eng Hons (Moratuwa), MBS (Colombo), MSc (Moratuwa), PhD (St Andrews), PGDBM (Colombo), MIE (SL), CEng  
Senior Lecturer, Dept of Computer Science and Engineering, University of Moratuwa

### Dr. Surangika Ranathunga

BSc Eng Hons (Moratuwa), MSc (Moratuwa), PhD (Otago)  
Senior Lecturer, Dept of Computer Science and Engineering, University of Moratuwa

### Dr. Uthayasanker Thayasivam

BSc Eng. (Hons) (Moratuwa), PhD (U. Georgia)  
Senior Lecturer, Dept of Computer Science and Engineering, University of Moratuwa

### Dr. Adeesha Wijayasiri

BSc Eng Hons (Moratuwa), MS (UFL), PhD (UFL)  
Lecturer, Dept of Computer Science and Engineering, University of Moratuwa

### Dr. Ajith Colonne

BSc (Colombo), MA (Colombo), MBA (SJP), PhD (International University of America)  
Management Consultant

### Dr. Madhu Fernando

ME (RMIT), DBA (Swinburne), PMP  
Chairman, GIPM Project Management Campus; CEO, Innova Strategies

### Mr. Mario Fonseka

FCMA, Dip Marketing (UK), FSCMA, MBA (PIM)  
Corporate Trainer / Management Consultant, Good 2 Great Consulting (Pvt) Ltd

### Mr. Janaka Kumarasinghe

BCom (Sp) (Colombo), MSc (NUS), FIPM (SL)  
HRM Consultant/Director, Kent Ridge (Pvt) Ltd

### Mr. Chandrasiri Weerasekera

BSc Eng Hons (Moratuwa), MBA (PIM), MBCS (UK), SCSSP (USA), MIE (SL), CEng  
IT Consultant

### Dr. Manesha Kodithuwakku

PhD (MSU, Malaysia), MBA (Southern Queensland), DIP. M (UK), MCIM (UK), Chartered Marketer (UK)  
Corporate Trainer

### Ms. Jeeva Padmini

MBA-IT (Moratuwa), BSE (Open University), MBCS, AMIE (SL)  
Virtusa (Pvt) Ltd.

### Dr. Roshan Ajward

BSc (Sp) (SJP), MBA (Colombo), MBA (Waseda), DCom (Waseda)  
Senior Lecturer, University of Sri Jayewardenepura

### Dr. Dushan Jayawickrama

BSc (Sp) (SJP), MSc (Management) (SJP), PhD (Swinburne)  
Senior Lecturer, University of Sri Jayewardenepura

### Dr. Thusitha Abeysekera

LLB Hons (Colombo), LLM Hons (Queen Mary-UK), PhD (Exeter-UK), Attorney-at-Law  
Senior Lecturer, University of Sri Jayewardenepura

### Dr. Lalith Liyanage

BSc Eng (USSR), MSc (Essex), MBA (Moratuwa), PhD (Northumbria-UK)  
CEO, Lanka Logistics & Technologies Ltd., Ministry of Defence

### Mr. Rangajeewa Herath

MBA (SJP), BSc (Sp) (SJP)  
Senior Lecturer, University of Sri Jayewardenepura



# ELIGIBILITY REQUIREMENTS

The MBA in IT and MBA in eGovernance postgraduate degree programs requires a prospective candidate to fulfill the following eligibility criteria for course enrollment.

**An Honours Bachelor's degree of the University of Moratuwa and a minimum period of experience of one (01) year;**

**OR**

**Any other four-year degree from a recognized University and a minimum period of experience of one (01) year as may be approved by the Senate;**

**OR**

**Any other three-year degree from a recognized University and a minimum period of experience of two (02) years as may be approved by the Senate;**

**OR**

**Any recognized category of membership of a recognized Professional Institute, obtained through an academic route, with a minimum period of experience of two (02) years as may be approved by the Senate**

# SELECTION PROCESS

The selection to the MBA in IT and MBA in eGovernance postgraduate degree programs is through an open competitive process. The applicant's educational qualifications, professional qualifications, commitment to advanced study, demonstrated aptitude for business analysis, potential for career development in the managerial track, English language skills required for preparation of study/analysis outcomes and knowledge dissemination, and academic/professional references all contribute to the evaluation of a candidate. Following are the specific steps involved in the selection process:

- 1** Each applicant is evaluated for the conformity with the applicable eligibility criteria based on the information provided with the application. All applicants satisfying the eligibility criteria will be invited to a selection test.
- 2** The applicants who satisfied the eligibility criteria will appear for a writing skills evaluation test of 45-minutes duration.  
  
Applicants with less than 6 years of post-qualifying experience will also appear for an online selection test of one-hour duration. The selection test consists of multiple-choice, short-answer, and similar questions that examine the applicant's knowledge in areas such as Current Affairs, General Knowledge, IQ, English Language, and Mathematical proficiency. All applicants who are successful at the writing skills and/or selection test will be invited to a selection interview (usually on the same day).
- 3**
- 4** The applicants who are successful in the writing skills and/or selection test will face an interview of 10-15 minute duration by an interview panel of not less than three persons. The interview will ascertain the applicant's suitability and competency for the study program.
- 5** Based on the marks received by each applicant for the selection test and the selection interview, the applicants will be ranked and placed into a "Selected Candidates List" and a "Waiting List." After the completion of the selection process, all applicants will be informed of their application status. If an applicant from the Selected Candidates List fails to enroll in the study program within the stipulated period, that opportunity will be afforded to an applicant from the Waiting List.

# COURSE FEE AND PAYMENT STRUCTURE

The course fee for the MBA in IT and MBA in eGovernance programs can be paid in full at the commencement of the course or in installments during the course duration.

- Registration fee – **Rs. 50,000/-** (by 23rd October 2020)
- Full Payment - **Rs.400,000/-** (by 20th December 2020)

## OR

- Registration fee – **Rs. 50,000/-** (by 23rd October 2020)
- First installment – **Rs. 175,000/-** (by 20th December 2020)
- Second installment – **Rs. 175,000/-** (by 01st June 2021)
- Third installment – **Rs. 50,000/-** (by 01st March 2022)

The third installment will be waived off for students who attain an overall GPA of 3.8 (max of 4.2) based on the results of the first 3 semesters.

The above course fee includes Annual Academic Registration Fees, Semester Examination Fees, a Library Deposit of Rs. 2,500/-, and Government taxes. Course fee also covers up a subset of the fees related to the foreign study tour and industry visit.





# SELECTION PROCESS

01	Pay the application-processing fee.
	The application processing fee of <b>Rs. 2,000/-</b> may be paid either to University Shroff ( <b>weekdays from 9.00 AM to 12.30 PM and 1.30 PM to 3.00 PM</b> ) or as a pay-in voucher of Rs. 2,000/- obtainable at any <b>Bank of Ceylon</b> branch by paying <b>Rs. 2,000/-</b> to the credit of <b>“University of Moratuwa – A/C No. 306836”</b> .
02	Fill up the online application form at <b>http://postgrad.cse.mrt.ac.lk</b> . You need to attach all documents indicated in the application form. Once submitted you will receive a PDF of the filled application as a record.
	Completed application, all supplementary documents as indicated in the <b>application form</b> , a <b>copy of the Application Processing Fee Receipt</b> , and <b>online Letters of Recommendation</b> must reach the Department of CSE by the application deadline.
03	Arrange for Letters of Recommendation.
	<p>You are required to provide <b>two (02) Letters of Recommendation</b> which can be submitted online. We highly recommend obtaining one of the recommendations from a teacher of an institution you studied recently, and another from your current supervisor. Ensure that your Letters of Recommendation requests are communicated to the relevant recommender on time.</p> <p>Request the recommender to use the same e-mail address that you used while filling up the application, and also request the recommender to use the official e-mail address whenever possible.</p> <p>Once the online recommendation form is submitted, recommender will receive a confirmation e-mail with an attached PDF as a record. You will also receive a notification to the provided e-mail address.</p>
04	Once your application is processed, you will be notified via e-mail whether you are invited for writing and selection tests and interviews or not. You may also receive e-mail notifications if the selection committee has any queries about your application.

**05**

If you are invited to the selection test (usually will be informed within 1 week from the application deadline), prepare the following application pack and bring to the selection test:

- Updated “Curriculum Vitae” of the applicant
- Your National Identity Card (NIC), Driving License, or Passport
- Original birth certificate
- Original academic/professional certificates and copies –especially degree certificate and transcript (both degree certificate and transcript are required)
- Membership of professional institutes
- Completed “Letter of Consent Form” from the employer (if applicable)
- Letter of sponsorship (if applicable)
- Copy of the application processing fee receipt
- Any other documentation in support of your application
- Invitation letter



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