



MBA IN INFORMATION TECHNOLOGY

MBA IN eGOVERNANCE

2018 INTAKE



DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING
UNIVERSITY OF MORATUWA

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 the 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 professional 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 consists 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 14 weeks of academic activities. Lectures are held on One/Two weekdays from 5.30 PM to 8.30 PM in Colombo and 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, Lync, 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 8. 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 2015 and 2016 intake visited several global IT giants in Singapore and Thailand, respectively.

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

Code	Course Module	Credits	IT	IT + BA	eGov
Compulsory Management Modules					
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	
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	C	C	C
Compulsory Information Technology Modules					
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	E	E	C
Compulsory Business Analytics Modules					
CS5121	Enterprise Information Management	3	E	C	E
CS5122	Descriptive and Predictive Analytics	3	E	C	E
CS5618	Business Intelligence	3	E	C	E
Compulsory eGovernance Modules					
CS5151	Public Sector Management	3			C

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

Code	Course Module	Credits	IT	IT + BA	eGov
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.

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
Senior Lecturer, Dept of Computer Science and Engineering, University of Moratuwa

Dr. Chathura De Silva

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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), AMIE(SL)

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

PhD (Monash), MSc (Moratuwa), BSc Eng. (Hons) (Moratuwa)

Senior Lecturer, Dept of Computer Science and Engineering, University of Moratuwa

Dr. Dulani Meedeniya

BSc Hons (Peradeniya), MSc (Moratuwa), PhD (St Andrews), CEng (UK), MIET (UK), FHEA (UK)

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), AMIE(SL)

Senior Lecturer, Dept of Computer Science and Engineering, University of Moratuwa

Dr. Uthayasanker Thayasivam

PhD (U. Georgia), BSc Eng. (Hons) (Moratuwa)

Senior Lecturer, Dept of Computer Science and Engineering, University of Moratuwa

Dr. Malaka Walpola

BSc Eng Hons (Moratuwa), MS (FIU), PhD (FIU)

Senior Lecturer, Dept of Computer Science and Engineering, University of Moratuwa

Mr. Nalin Karunasinghe

BSc Eng Hons (Moratuwa), MEng (NUS), AMIE(SL)

Senior Lecturer, Dept of Computer Science and Engineering, University of Moratuwa

Prof. Kennedy D Gunawardana

BSc (Bus. Admin.) (SJP); MBA (Colombo); CMA (Au), FIPA (SL), PhD (Computer Engineering Mgt)

Professor, Department of Accounting, University of Sri Jayewardenepura

Dr. Ajith Colonne

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

Management Consultant

Mr. Mario Fonseka

FCMA, Dip Marketing (UK), FSCMA, MBA (PIM)

Corporate Trainer / Management Consultant, Good 2 Great Consulting (Pvt) Ltd

Mr. Chaminda Hettiarachchi

BSc Eng (Peradeniya), MBA (LUMS, Pakistan), MBA (Esslingen)

Management Consultant

Mr. Janaka Kumarasinghe

BCom (Sp) (Colombo), MSc (NUS), FIPM (SL)

HRM Consultant/Director, Kent Ridge (Pvt) Ltd

Dr. Prathibha Mahanamahewa

LLB Hons (Colombo), LLM Hons (Melbourne), PhD (Queensland), Attorney-at-Law

Senior Lecturer, Faculty of Law, University of Colombo

Mr. Chandrasiri Weerasekera

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

IT Consultant

Mr. Mangala P Wickremasinghe

BSc (Peradeniya), MSc (Colombo), MBA-IT (Moratuwa)

Head of Payment Cards & Electronic Delivery Channels, Hatton National Bank PLC

Ms. Menasha Kodithuwakku

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.

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.
3. 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 consisting 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).
4. The applicants who were 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.

- Full Payment - Rs. 450,000/- (by 15th December 2017)
- OR
- First installment – Rs. 225,000/- (by 15th December 2017)
 - Second installment – Rs. 175,000/- (by 03rd August 2018)
 - Third installment – Rs. 50,000/- (by 08th March 2019)

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.

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

HOW TO APPLY

1. Pay the application-processing fee.

The application processing fee of Rs. 2,000/- may be paid either to University Shroff (weekdays from 9.00 AM to 12.30 PM and 1.30 PM to 3.00 PM) or as a payin voucher of Rs. 2,000/- obtainable at any Bank of Ceylon branch by paying Rs. 2,000/- to the credit of "University of Moratuwa – A/C No. 306836".

2. Fill up the online application form at <http://postgrad.cse.mrt.ac.lk>. You need to attach all documents indicated in the application form. Once submit you will receive a PDF of the filled application.

Completed application, all supplementary documents as indicated in the application form, a copy of the Application Processing Fee Receipt, and online Letters of Recommendation must reach the Department of CSE by the application deadline.

3. Arrange for Letters of Recommendation.

You are required to provide **two (02)** Letters of Recommendation 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.

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.

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.

4. 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.

5. Keep the writing and selection tests and interview date blocked in your calendar. Also, promptly check e-mails and follow up on calls, especially within 1 week from the application deadline.

6. 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:
 - Copy of completed and signed "Application Form"
 - Updated "Curriculum Vitae" of the applicant
 - Your National Identity Card (NIC), Driving License, or Passport
 - Original birth certificate
 - Original academic/professional certificates – specially 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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