UNIVERSITY OF COLOMBO, SRI LANKA

UNIVERSITY OF COLOMBO SCHOOL OF COMPUTING

MASTER OF INFORMATION TECHNOLOGY

BY-LAWS

of the

Master of Information Technology

By-Laws made by the University of Colombo under section 135 of the Universities Act, No.16 of 1978 and under section 13 of the University of Colombo School of Computing Ordinance, No. 01 of 2002.

BY-LAWS

Whereas the University of Colombo has been conducting the programme leading to the Master of Information Technology since 2008 under its Master of Information Technology By-Laws No. 8 of 2008;

Whereas the said By-Laws have subsequently been amended by the University in 2009 and the said Degree programme has been conducted in terms of the said By-laws as amended since 2009 and that students have been registered under the said amended By-Laws whose registration is still in operation;

Whereas the University Grants Commission has published Qualifications Framework norms, duration, credit values, etc. of different levels of academic qualification and has impressed upon the University to revise the existing programmes to bring them in line with the requirements in the published Qualifications Framework and Curriculum Guidelines of the Institute of Electrical and Electronics Engineers (IEEE) and the Association for Computing Machinery (ACM);

Whereas it has become necessary to revise and revamp the programme leading to the Master of Information Technology to bring it on par with the

Approved by the Council
Meeting No 629
Date 11.02.2025

requirements laid down in the Sri Lanka Qualifications Framework as updated and published by the University Grants Commission in 2015;

Whereas it is also important to take cognizance that the sphere of Information Technology is a fast developing and changing one which requires constant innovation, updating and modernizing of the curriculum, including its syllabi and method of learning and teaching, if the would-be Degree holders are of relevance and of use to the profession and industry, and as such, the innovation and updating may have to take place on an annual basis facilitating the Degree holders to be up-to-date in skills & knowledge to respond to contemporary needs of the profession and industry;

Whereas a new batch of students has been admitted to the University under the newly formulated curriculum which has already been approved by the Academic Syndicate and the Board of Management of the University of Colombo School of Computing and the Senate and the Council of the University of Colombo in terms of which approval the students have been following the said revamped and revised programme leading to the Master of Information Technology; and,

Whereas it has become necessary to enact By-Laws to prescribe the revised and revamped curriculum, and other provisions including those relating to procedural and substantive aspects of the Degree Programme,

The Council of the University of Colombo on the recommendation of the Senate and the Board of Management and Academic Syndicate of the University of Colombo School of Computing enacts the following By-Laws:

1. (1) These By-Laws may be cited as the Master of Information Technology By-Laws No. 06. of 2025

(2) These By-Laws shall come into operation with effect from 11th February 2025.

Approved by the Council
Meeting No 629
Date 11.02.2025

PART I
GENERAL

Award of Degree

2. Subject to these By-Laws, a student may be awarded the Master of Information Technology (hereinafter referred to as the "Master's Degree") if such student has :-

(a) been a registered student of the University of Colombo School of Computing (hereinafter referred to as the "School") for the period specified by these By-Laws;

(b) completed thereafter, to the satisfaction of the Senate, the Programme of Study, as specified by these By-Laws, and/or other relevant Regulations and/or Rules of the University and/or the School;

(c) satisfied the Board of Examiners in different forms of Examinations and Assessments including written examinations, practical examinations, oral examinations, assignments, seminars, group projects, individual studies, reports and oral defenses of independent studies, etc., as may be specified by these By-Laws and/or any other relevant By-Laws, and/or Regulations and/or Rules of the University and/or the School;

(d) paid all prescribed fees including library fee, registration fee, course fee, supervision fee, examination fee and all other payable dues to the School as may be determined by the Board of Management;

(e) completed the relevant requirements specified by the Regulations for the award of the Master's Degree within a period of four (4) academic years including the first academic year of registration, subject to the provisions of these By-Laws; and,

(f) fulfilled all other requirements specified by these By-Laws and/or other relevant Regulations and/or Rules of the University and/or the School.

Approved by the Council
Meeting No 629
Date 11.02.2025

Administration of the Programme

3. The School shall be in charge of the administration and general direction of the Programme leading to the Master's Degree (hereinafter referred to as the "Programme").

Eligibility for Admission to the Programme

4. No person shall be eligible to be admitted to the Programme unless such person satisfies the following minimum requirements: -

   (a) A Bachelor's Degree from a University or Institution recognized by the University Grants Commission and/or the University of Colombo; or

   (b) Any other academic or professional qualification deemed equivalent to a Bachelor's Degree by the Senate of the University of Colombo on the recommendation of the School. Provided that, each such application under this category shall be considered on a case-by-case basis; and

   (c) Attaining the minimum performance score in a selection test such as the General Computing Aptitude Test (GCAT); and

   (d) Fulfilling additional prerequisites such as an interview, availability of vacancies, and payment of the requisite fees.

Application for Admission to the Programme

5. (1) Applications for admission of students to the Programme shall be called by an open advertisement published, online or otherwise, by the Registrar under the authority of the School.

   (2) Prospective applicants may be required to pay to the School the application fee, application processing fee, selection test fee, selection interview fee and any other fees as shall be prescribed by the Regulations and/or Rules of the University and/or the School:

Approved by the Council
Meeting No 629
Date 11.02.2025

Registration for the Programme

6. (1) A person whose application for admission to the Programme is accepted by the School shall take steps to register for the Programme not later than the date as may be determined by the relevant Board of Study and shall pay the prescribed fees including the library fee, registration fee, course fee, supervision fee, examination fee and any other fees as may be determined by the Board of Management.

(2) When a student registers for the Programme, the registration of such student shall be valid for the first two consecutive academic years starting from the date of commencement of the Programme (the first day of the First Semester), provided however such student shall pay all the relevant payments.

(3) The student shall initially be registered for the First and Second Semesters of the Programme. Such student shall be allowed to proceed to the Third and Fourth Semesters upon successful completion of the First and Second Semesters and meeting the eligibility criteria as specified in these By-Laws and/or any other relevant Regulations.

(4) It shall be the responsibility of the student to ensure that the registration of such student remains valid until the degree requirements are fulfilled.

(5) The registration shall be deemed to have lapsed at the end of its period of validity. A student whose registration has so lapsed, may renew such registration for a further period by paying the relevant renewal fees provided that such student shall be eligible to be registered for the Programme in terms of Paragraph (6) of this By-Law.

(6) No registration shall remain in force beyond a maximum period of four (4) academic years including the first period of registration. However, this maximum period of four (4) academic years may, under exceptional circumstances, be extended by an academic year subject to the approval of the Senate on the recommendation of the Academic Syndicate and the Board of Management. Each such application for renewal beyond the maximum period of four (4) academic years under any exceptional circumstance shall be considered on a case-by-case basis.

(7) Subject to the provisions of Paragraph (6) of this By-Law, a student whose four (4) academic year period has lapsed may make a written request to the School for a grace chance to complete the degree provided that such student has shown a substantial progress in the studies in the previous Semesters. The School shall have the power to

Approved by the Council
Meeting No 629
Date 11.02.2025

consider such requests on a case-by-case basis and recommend to the Senate for its approval.

(8) The refund of any fee paid to the school shall be determined in terms of the policy adopted by the Council of the University.

PART II
ACADEMIC PROGRAMME

7. (1) The Programme leading to the award of the Master's Degree shall span for two (2) academic years consisting of four Semesters of learning activities and assessments.

(2) The duration of each Semester shall be a continuous period of fifteen (15) weeks from the date of commencement of such semester. However, the Senate shall have the authority, on the recommendation of the School, to shorten or extend the duration of a Semester, under exceptional circumstances.

8. (1) The Programme shall include Course Work consisting of Theory and Practical components, an Independent Study and a Portfolio/Report on it, its Oral Examination/Defense and all other examinations specified by these By-Laws and/or any other relevant Regulations.

(2) The Course Work shall consist of lectures, tutorials, practical classes and other assignments, as shall be determined by the Senate on the recommendation of the School. The list of Courses, Compulsory (Core) and/or Optional (Elective), and the number, structure and rubric of question papers in each Course shall be those set out under Regulations made by the Senate on the recommendation of the School, from time to time.

(3) Each Course shall carry a time-based Credit Value as specified under the Regulations.

(4) The School shall have the authority to offer Courses of different types, including Courses which are Compulsory as Core Courses and/or Courses which are Optional as Elective Courses.

Approved by the Council
Meeting No 629
Date 11.02.2025

(5) The Senate shall, on the recommendation of the School, have the power to change, amend, add to or delete from the Courses, their status as Compulsory or Optional, their syllabi and the number, structure and rubric of question papers in such Courses.

(6) Every student who is admitted to the Degree Programme shall register in each academic Semester for such number of Courses as contributing to not less than such number of Credits as prescribed by the Regulations.

Medium of Instruction

9. The medium of instruction, assessment, examinations and correspondence shall be English.

Registration for Academic Courses

10. (1) In each Semester, students shall register for the Core Courses of the Semester and such number of Elective Courses to not less than the prescribed number of Credits required for that Semester. The procedure for registering in such Core and Elective Courses, as the case may be, shall be determined by the Board of Study.

(2) The School shall notify internally the list of Elective Courses available for registration. After notification, if for whatever reason, an Elective Course cannot be conducted and if a student has applied for registration for any such Course/s, such student shall be permitted by the School to withdraw such application and apply for registration for any other Course/s as the case may be provided that such Course/s is/are being conducted during such Semester.

(3) A student shall not be permitted to voluntarily withdraw an application for registration for any such Elective Course/s in respect of any Semester unless such withdrawal is permitted by the Board of Study, and no student shall be permitted to apply for registration for any Elective Course/s after the date as may be specified by the relevant Board of Study.

(4) No student who, without valid reasons acceptable to the Board of Study, fails to register for the required number of Courses, shall be permitted to appear for any assessment or examination of any paper in that Semester.

Approved by the Council
Meeting No 629
Date 11.02.2025

PART III
ASSESSMENT & EXAMINATIONS

11.(1) The Examinations leading to the award of the Master's Degree shall consist of all four (4) Semester Examinations and the evaluation of an Independent Study.

(2) Each Semester examination shall consist of one or more than one written paper and such number of components of continuous assessments, assignments, reports, presentations, oral examinations or a combination of such methods of evaluation as prescribed by the Regulations.

(3) Each student who is registered for the Programme shall make an application in the form specified and issued by the School for entry to the relevant Examination.

(4) Any application for an Examination made by any student shall not be entertained by the School unless the Director of the School has certified that such student took part in the different forms of instruction provided for each Course in the Semester.

(5) A student in a particular Semester of the Programme shall take the Examination for that Semester on the first occasion in which the Examination is held for the particular Course. If the student does not take the Examination in the first available opportunity, such student shall be deemed to have exhausted an attempt at the Examination of the Course, unless the Senate on the recommendation of the School decides otherwise due to any valid reason.

(6) A student in a particular Semester of the Programme shall undertake work related to Continuous Assessment for that Semester on the first occasion when it is set for the Semester. Where a student does not undertake the work specified for continuous assessment and/or fails to complete such work on the first occasion such student shall be deemed to have exhausted an attempt at undertaking the work for the continuous assessment.

(7) A student who does not undertake the work specified for continuous assessment for a Semester and/or fails to complete such work and/or fails in the continuous assessment, such student may be given an opportunity to do the continuous assessment at the ensuing Semester where it is offered. However, such student shall not be permitted to attend lectures in such Semester except where the Senate on the recommendation of the School

Approved by the Council
Meeting No 629
Date 11.02.2025

permits to undertake the continuous assessment subject to such conditions, including a payment of relevant fees, as may be determined by the Board of Management.

(8) It shall be lawful for the School, following due process, to terminate the registration of any student after one warning in writing, if the progress of study made by such student and the conduct and behaviour of such student are unsatisfactory. When the registration of such student is terminated, no fees shall be refunded.

12. (1) A student is allowed to retake the assessment or examination of a Course at the next available opportunity determined by the school, provided the Course is available and the student meets the eligibility requirements for retaking the assessment or examination as specified by these By-Laws and/or Regulations.

(2) Such a student shall pay to the School, the relevant fees as may be determined by the Board of Study for retaking each such evaluation, and such student shall not be entitled to attend any lectures unless the Senate on the recommendation of the School decides otherwise to permit such student.

(3) If a student takes advantage of the opportunity to retake the evaluation for a course, the highest grade achieved shall be considered for the computation of results for the award of the degree.

(4) No Grade or a percentage score or the result of the evaluation of any Course shall receive official recognition for any purpose unless such Grade or percentage or the result of such evaluation, as the case may be, has been approved by the relevant Board of Examiners and the final results pertaining to the award of the Master's Degree in the relevant year have been confirmed by the Senate.

Approved by the Council
Meeting No ..... 629 .....
Date ..... 11.02.2025 .....

Grading System and Calculation of Grade Point Average (GPA)

13.(1) The Range of Marks and the corresponding Grades and Grade Point Values (GPV) shall be those given in Table 1 below:

Table 1: Range of Marks, Grades & their Respective Grade Point Values

Range of Marks	Grades	Grade Point Values (GPV)
90–100	A+	4.25
80–89	A	4.00
75–79	A-	3.75
70–74	B+	3.25
65–69	B	3.00
60–64	B-	2.75
55–59	C+	2.25
50–54	C	2.00
45–49	C-	1.75
40–44	D+	1.25
30–39	D	1.00
20–29	D-	0.75
0-19	E	0.00
0	NC, CN	0.00

NC - Not Complete, CN - Canceled

Note: - The examination branch of the School may use additional status codes such as NA (Not Applicable), WH (Withheld), and AB (Absent) to represent the intermediate status of student results.

(2) If the Grade Point Average (GPA) of a student is required for any purpose, it shall be calculated using the following equation:

$$GPA = \frac{\sum(GPV_i \times Credit_i)}{\sum Credit_i}$$

Where:

GPV_i is the Grade Point Value for each course (on a scale from 0 to 4.25)

$Credit_i$ is the number of credit hours associated with each course

$\sum$ denotes the sum over all the courses in the degree program entitled to the student

Approved by the Council
Meeting No 629
Date 11.02.2025

The GPA is rounded to the second decimal place.

(3) If a student has registered for more Elective courses than required, regardless of whether this exceeds the minimum number of credits needed, all such courses shall be included in the GPA calculation for that student.

(4) Any student who has not appeared for the evaluation of a Course may be assigned a GPV of 0.00 Value for such Course for the purpose of calculating the GPA of such student.

PART IV
AWARD OF DEGREE

14. (1) The minimum conditions which a student shall satisfy for the award of the Master of Information Technology shall be as follows: -

(a) obtained not lower than C grade (GPV of 2.00) in the Courses which make up a minimum of 30 Credits;

(b) obtained not less than a GPA of 2.00 for all the Courses which make up a minimum of 40 Credits; and

(c) obtained not less than a C Grade (Pass) for the Independent Study.

(2) Once the relevant Board of Study has decided to award the Degree, the student is no longer eligible to continue the Programme, and all pending results shall be rendered null and void.

(3) No student shall be entitled to the award of the Master of Information Technology unless such student has satisfied all other relevant requirements and such student has supplicated for the award of the Master's Degree at the relevant Convocation of the University.

Approved by the Council
Meeting No 629
Date 11.02.2025

PART V
AWARD OF DIPLOMA

15.(1) The Senate shall, on the recommendation of the School, have the authority to award a Postgraduate Diploma in Information Technology (hereinafter referred to as "Diploma") to a student who has been registered for the Master's Programme but who has not been awarded the Master's Degree.

(2) The requirements for and the conditions under which the Diploma may be awarded are prescribed by Regulations.

PART VI
TRANSITIONAL PROVISIONS

16.(1) By-Laws No. 8 of 2018 are hereby repealed.

(2) Notwithstanding the repeal of the said By-Laws, any student who has already been registered under the repealed By-Laws may continue the programme under and subject to the provisions of such By-Laws until December 2029.

17.(1) The students who have been registered under the 2018 By-Laws and who have not successfully completed the requirements for the award of the Master of Information Technology under the provisions of such By-Laws may within a period of 12 months from these By-Laws come into effect apply to the University that they be considered for transfer of registration for the programme under the present By-Laws:
Provided however, the Senate shall have the right either to decline such request or to permit such request subject to such conditions as it may deem necessary to impose on the recommendation of the Academic Syndicate and Board of Study.

(2) The Senate, on the recommendation of the Academic Syndicate and Board of Study may consider extending an exemption from following a Course and taking the examination of the Course subject to such conditions as it may deem fit and proper. This decision shall be made by the Senate on a case-by-case basis and its decision shall be final.

Approved by the Council
Meeting No ..... 629 .....
Date ..... 11.02.2025 .....

(3) The Senate retains the discretion to deny any request made under Paragraph (1) of this By-Law if it thinks that granting such a facility shall be prejudicial to the interests of any stakeholders.

PART VII
REMOVAL OF DIFFICULTIES

18. The Senate of the University shall, in consultation with the Director of the University of Colombo School of Computing, have the authority to take such actions or give such directions not inconsistent with the provisions of these By-Laws as appears to the Senate to be necessary or expedient for the purpose of removing any difficulties that may arise in the interpretation of the provisions or for which there is no provision in these By-Laws or in the case of students who had followed or have been following the Master's Degree Programme under the earlier arrangements.

PART VIII
INTERPRETATION

19. In these By-Laws, unless the context requires otherwise:

"Act" means the Universities Act, No. 16 of 1978 as amended subsequently;

"Academic Syndicate" means the Academic Syndicate established under the provisions of the University of Colombo School of Computing Ordinance, No. 01 of 2002 as amended subsequently;

"Board of Management" means the Board of Management of the University of Colombo School of Computing;

"Board of Study" means the Board of Study for Research and Higher Degrees of the University of Colombo School of Computing;

"Council" means the Council of the University of Colombo;

"Director" means the Director, Deputy Director, or any other Officer authorized to sign for and on behalf of the Director of the University of Colombo School of Computing;

"Prescribed" means prescribed by the University/School as the case may be either by these By-Laws, or Regulations, or Rules, or by decisions made by these authorities;

Approved by the Council
Meeting No 629
Date 11.02.2025

"Registrar" means the Registrar, Acting Registrar, Deputy Registrar, Senior Assistant Registrar, Assistant Registrar, or any other Officer authorized to sign for and on behalf of the Registrar of the University of Colombo School of Computing;

"School" means the University of Colombo School of Computing established by Order made under Section 24A read with Section 18 of the Act;

"Senate" means the Senate of the University of Colombo;

"University" means the University of Colombo.

20. Any question regarding the interpretation of these By-Laws shall be referred to the Council whose decision thereon shall be final.

******

Approved by the Council
Meeting No ..... 629 .....
Date ..... 11.02.2025 .....

UNIVERSITY OF COLOMBO, SRI LANKA

UNIVERSITY OF COLOMBO SCHOOL OF COMPUTING

MASTER OF INFORMATION TECHNOLOGY

REGULATIONS

of the

Master of Information Technology

Regulations made by the Senate of the University of Colombo under Section 136 of the Universities Act, No.16 of 1978 and read with Section 13 of the University of Colombo School of Computing Ordinance, No. 1 of 2002.

Regulations

1. (1) These Regulations may be cited as the Master of Information Technology Regulations No 07 of 2025

   (2) These Regulations shall come into operation with effect from 11th February 2025 and shall be read in conjunction with the Master of Information Technology By-Laws No. 06 of 2025

PART I
ACADEMIC PROGRAMME

2. There shall be assigned, to each Course offered in the Programme leading to the Master of Information Technology, a Course Code, Title (Name), Level & Semester, Number of Credits [or Credit Value] and whether it is Compulsory or Optional (Elective) Academic Course. The details of which are specified in the Schedule hereto.

Approved by the Council
Meeting No 629
Date 11.02.2025

3. (1) Each Credit Value shall correspond to different quantum of hours depending on the type of learning activities, the guidelines of which are as specified in Table I below:

Table 1. Guidelines for Volume of Learning

Course Description	Credit Value	Direct Staff-Student Contact Hours	Notional Hours (direct staff-student contact hours and independent learning)
Lecture Course	1	15	50
Laboratory Course	1	30	50
Independent Studies	5	Variable	500

(2) The minimum number of Credits per Course is one.

(3) One Credit is considered equivalent to 50 Notional Learning Hours for a Lecture (Taught) Course and Laboratory Course. In the case of Project Work/Independent Study, a minimum of 100 notional hours is equivalent to one Credit.

4. The Senate shall, on the recommendation of the Academic Syndicate, have the power to make changes to the list of Courses, Course Codes, Course Titles (Name), Level & Semester, and Number of Credits (Credit Values) and whether Compulsory or Optional.

5. The detailed syllabus applicable to the Courses shall be as prescribed from time-to-time as approved by the Academic Syndicate.

PART II
ASSESSMENT & EXAMINATIONS

6. The procedure for continuous assessment, forms of evaluation in respect of each Course and the mode of their evaluation shall be decided by the relevant Board of Study and approved by the Academic Syndicate. The Academic Syndicate shall also have power, on the recommendation of the relevant Board of Study, to determine the structure and rubric of question papers on each Course when and where relevant.

7. Each Course including the Independent Study shall be marked out of 100.

Approved by the Council
Meeting No 629
Date 11.02.2025

8. Each student may be required to submit assignments within a period as may be determined by the School.

Independent Study

9. (1) Each student enrolled in the Master's Degree Programme shall undertake an Independent Study on a selected topic during the Fourth Semester of the program and shall be required to develop an application while preparing a Self-Reflection Report or Portfolio.

(2) The Course Coordinator shall compile and publish a list of topics sourced from Supervisors.

(3) The Supervisor shall serve as a mentor throughout the study, guiding the student in topic selection, resource acquisition, critical thinking, and analysis. Regular meetings with the supervisor are crucial to discuss progress and address any challenges the student may encounter, ensuring the research remains focused.

(4) Each student shall select a unique topic for study, with a limit of five students allowed to choose the same topic on a first-come-first-served basis. The supervisor shall recommend study materials to the student, who shall submit evidence of their engagement with the materials.

(5) The Self-Reflection Report or Portfolio shall demonstrate the student's proficiency in problem-solving methodologies, systematic information presentation, and data analysis and interpretation, and shall illustrate their ability to apply theoretical knowledge to practical situations by devising, implementing, and proposing solutions to real-world problems.

(6) The Self-Reflection Report or Portfolio and the Application demonstration, including inline code checking through questioning to verify implementation knowledge, are integral components of the assessment. Additionally, evidence of maintaining a source code repository with progress statistics is required.

(7) Before submission, the Course Coordinator shall certify the student's Self-Reflection Report or Portfolio on Independent Study, confirming that all specified aspects and requirements have been successfully addressed. Adherence to the prescribed format is also mandatory.

Approved by the Council
Meeting No 629
Date 11.02.2025

(8) Students shall strictly adhere to the University's Policy and the relevant Rules and Regulations on plagiarism during the Independent Study. Acts of plagiarism include but are not limited to taking credit for others' work, failing to provide proper references or quotation marks, reusing work submitted for another academic program, or claiming authorship of work completed by others, including artificial intelligence tools.

(9) If plagiarism is detected, disciplinary action will be taken against the student based on the recommendation of the Examinations Committee of the University. Penalties may include rejection of the plagiarized Report and cancellation of the student's registration with the University, with or without future registration debarment. Such dishonest actions will incur penalties as determined by the Examination Committee of the University.

10. A student shall be deemed to have passed the Oral Examination for the Independent Study if such student satisfies the Board of Examiners of the criteria/requirements specified in Regulation 9 and other requirements prescribed by these By-Laws and/or any other By-Laws, and/or Regulations and/or Rules of the University and/or the School.

PART III
ELIGIBILITY FOR PROGRESSION

11. (1) The conditions for progression within the Master's Degree Programme shall be as follows :-

(a) A Student who has obtained a minimum of 1.50 GPA for all the courses at the First and Second Semesters may proceed to the Third and Fourth Semester Courses; and,

(b) A student who has obtained not less than a C grade (GPV of 2.00) for Courses which add up or exceed 12 Credits in the First and/or Second Semesters may proceed to the Third and Fourth Semester Courses.

(2) A student who has not met the criteria specified in Sub-Paragraphs (a) and/or (b) above may submit a written request to the School for consideration of progression to the

Approved by the Council
Meeting No 629
Date 11.02.2025

Third and Fourth Semester Courses under exceptional circumstances. The School has the authority to review and decide on such requests on a case-by-case basis.

PART IV
POSTGRADUATE DIPLOMA

12. A student who has secured not less than a C grade (GPV of 2.00) for the Courses which add up or exceed 25 Credits may be awarded the Postgraduate Diploma in Information Technology, provided however, such student satisfies other conditions for the award of such Diploma as laid down in these Regulations or the relevant By-Laws.

13. Any student wishes to be awarded the Postgraduate Diploma in Information Technology shall satisfy the following :-

(a) such student has obtained a minimum of 2.00 of GPA (the GPA is calculated for courses adding up to a minimum of 25 Credits using the best grades);

(b) such student has not qualified to be awarded the Master's Degree in Information Technology; and,

(c) such student has made a written request for the award of the Diploma.

14. After a written request from the student has been approved by the Senate and the decision is made to award the Diploma the student is no longer eligible to continue the Master's Degree.

PART V
INTERPRETATION

15. In these Regulations, unless the context requires otherwise:

"Act" means the Universities Act, No. 16 of 1978 as amended subsequently;

"Academic Syndicate" means the Academic Syndicate established under the provisions of the University of Colombo School of Computing Ordinance, No. 01 of 2002 as amended subsequently;

Approved by the Council
Meeting No ..... 629 .....
Date ..... 11. 02. 2025 .....

"Board of Management" means the Board of Management of the University of Colombo School of Computing;

"Board of Study" means the Board of Study for Research and Higher Degrees of the University of Colombo School of Computing;

"Council" means the Council of the University of Colombo;

"Director" means the Director, Deputy Director, or any other Officer authorized to sign for and on behalf of the Director of the University of Colombo School of Computing;

"Prescribed" means prescribed by the University/School as the case may be either by these By-Laws, or Regulations, or Rules, or by decisions made by these authorities;

"Registrar" means the Registrar, Acting Registrar, Deputy Registrar, Senior Assistant Registrar, Assistant Registrar, or any other Officer authorized to sign for and on behalf of the Registrar of the University of Colombo School of Computing;

"School" means the University of Colombo School of Computing established by Order made under Section 24A read with Section 18 of the Act;

"Senate" means the Senate of the University of Colombo;

"University" means the University of Colombo.

THE SCHEDULE

A. The Course Codes, Titles, Credits and their Standing in each Semester are as follows:

First Semester Courses

Code	Title	Credits	Standing
MIT1301	Program Design and Programming	3	C
MIT1302	Computer Systems	2	C
MIT1303	Database Management Systems	3	C
MIT1304	Data Communications and Computer Networks	3	C
MIT1305	Mathematics and Statistics for IT	2	C

Approved by the Council
Meeting No ..... 629 .....
Date ..... 11.02.2025 .....

Second Semester Courses

Code	Title	Credits	Standing
MIT2301	Software Engineering	2	C
MIT2302	Data and Network Security	2	C
MIT2303	UI/UX Design	2	C
MIT2304	Web and Mobile Development	3	C
MIT2305	Artificial Intelligence	3	C

Third Semester Courses

Code	Title	Credits	Standing
MIT3301	IT Project Management and Professional Issues	2	C
MIT3302	Platform Technologies	2	C
MIT3303	E-Learning Concepts and Technologies	2	O
MIT3304	Data Mining for Business Intelligence	2	O

Fourth Semester Courses

Code	Title	Credits	Standing
MIT4301	Independent Study	5	C
MIT4302	Software Quality Assurance	2	C
MIT4303	e-Business Applications and Strategies	2	O
MIT4304	Multimedia and Graphic Design	2	O

C - Compulsory Course | O - Optional (Elective) Course

******

Approved by the Council
Meeting No ..... 629 .....
Date ..... 11.02.2025 .....