1. Background of the Organizations Associated with the External Degree (BIT) Programme

1.1 University of Colombo

The history of higher education in Sri Lanka is closely linked to that of the University of Colombo. Established in the year 1870, as the Ceylon Medical College by the Government of that day under the leadership of Governor, Sir Hercules Robinson, the University of Colombo could claim to have been associated with higher education for over 100 years. This is an important legacy that all undergraduates who join the University of Colombo must be aware of and be proud of.

The vision of the University of Colombo, is to become a center of excellence of international repute that contributes significantly to national development and human resource development particularly, in the South Asian region. Conscious of its long traditions as a leading tertiary education institution in the island, it will promote scholarship and research. It will seek to create and sustain a culture of learning and critical inquiry that respects viewpoint differences, inculcating a sense of social responsibility and service and commitment to democratic values in a plural society.

The University of Colombo is a metropolitan university and the students are at a distinct advantage being at the hub of cultural, economic and political activity in the country. Since its establishment as a distinct university, it has expanded its departments and programmes, and acquired a reputation within the country and abroad for academic excellence. The university has many faculties and institutes which are in great demand for the programmes they offer for undergraduate and postgraduate students, and for a wider community. The services of its staff are also increasingly used by the research community, international development agencies and the governmental and non-governmental sectors.

Students should feel very privileged to belong to the University of Colombo with its long tradition of excellence in teaching, learning, research and contribution to the community. The University of

Colombo started its computing activities in 1967 and today it is the most advanced higher educational institution, in the forefront of human resoruce development in Information and Communication Technologies in Sri Lanka.

1.2   University of Colombo School of Computing (UCSC)

In September 2002, University of Colombo School of Computing (UCSC) was established by merging The Institute of Computer Technology and The Department of Computer Science both of the University of Colombo, as the first center of higher learning of computing in Sri Lanka. UCSC in addition to continuing with previous programmes of the Institute of Computer Technology and The Department of Computer Science, in the year 2003 admitted 120 students through the University Grants Commission (UGC) for a BCSc 3 year and B.Sc (Computer Science) 4 year degree programme. The number of students admitted to these programmes have now increased to 160. In addition to this UCSC introduced a 3 year Bachelor of Information & Communication Technology BICT degree programme admitting 80 students through the UGC. This programme was introduced to fill the gap in the industry between business requirements and technical solutions. Three M.Sc programmes in Computer Science, Information Technology and Advanced Computing, which admitted a total of 200 students, were started in the year 2002. M.Phil and Ph.D programmes were introduced by the UCSC in the year 2002. Computer Science courses are also conducted for first, second, third and fourth year students of the Physical and Bio Science streams of the Faculty of Science, University of Colombo. The vision of the UCSC is to be a center of international repute in training in Information and Communication Technologies (ICT).

The UCSC is fully equipped with nine student laboratories, two multi media laboratories, two research laboratories, a state of the art digital studio, a campus wide fibre network, with the entire UCSC building complex fully wired for Internet access. UCSC has a state of the art network-operating center. The library is well equipped with Books, Journals, CDs and provides Internet access to e-journals.

The UCSC is involved in many research areas such as, Natural & Local Language Processing – a Language Technology Research Laboratory (LTRL) was established in March 2004 under the financial support of International Development Research Centre (IDRC), Canada through its PAN Localization project.

One of the earliest virtual research groups, the Distributed Computing Research group has been gathering together researchers from UCSC, other universities and the industry. The most recent project undertaken is the GRID Computing project in collaboration with Uppsala University of Sweden.

A research group works on 3D Graphics and Virtual reality modeling the Sigiriya rock. It includes a tour of the rock. This group also works on 3D graphic modeling of archaeological artifacts & reconstruction of damaged artifacts. The creation of a cultural heritage database using the laser scanner & reconstruction of damaged artifacts are now in progress.

A Multimedia Databases research group is exploring how structured multimedia databases could be used to support web-based training, develop a framework to store multimedia objects and to develop tools to enable users to access this database efficiently with multiple modalities.

A GIS research group working on a US NSF grant is building the infrastructure for a distributed disaster management system. The main collaborators of this are the UCSC, University of Maryland, US and the University of Moratuwa.

The information Systems Security Research group is an informal group of people with similar interests and working in areas such as security, cryptology and distributed systems.

The major goal of the UCSC is to prepare students for careers in Information and Communication Technology as Software Developers, Systems Analysts, Network Administrators, Database Administrators, Web Developers, IT Managers, IT Strategic Planners and IT Policy Makers.

1.3   Computing Services Center (CSC) of UCSC

The Computing Services Center (CSC), which is the Consultancy arm of the UCSC was established by Institute of Computer Technology & the Department of Statistics and Computer Science

in 1990 to provide Consultancy Services to the IT industry and related industries using the human and material resources of the UCSC. The combined staff of UCSC and CSC consists of 14 Ph.Ds, 02 M.Phils, 10 M.Scs, 01 M.S.Sc, 03 MBA, 03 PG Diplomas, 14 B.Scs & 01 B.Dev.

CSC has been involved in a large number of Human Resource Development projects in IT, Consultancy projects, Systems Developments, Tender evaluations, Systems recommendations, Web site development, Feasibility studies, Systems design, Acceptance tests for computer hardware and software, Desktop publishing and printing, Statistical analysis and Recruitment tests to many organizations in the public and the private sector. Being institutions of the University of Colombo occupying the same building, the UCSC, and the CSC share their resources, equipment and manpower in these consultancy assignments.

Training courses ranging from awareness to specific skills such as Upgrading & Maintenance of personal computers, Unix/Linux Network & Systems administration, CISCO Networking CCNA/CCNP Hands-on-training, Java, Computer aided Drafting using AutoCAD 2004 Advanced architectural 3D modeling & rendering using AutoCAD 2007 are conducted by the CSC during weekday evenings and weekends.

1.4   Advanced Digital Media Technologies Center (ADMTC) of UCSC

This center was established under the UCSC in order to implement the "Project for Human Resource Development in Information Technology through capacity building of the UCSC" that was supported by JICA as a 3 year Technical Cooperation project between the Government of Japan and the Government of Sri Lanka from June 2002 to May 2005.

The ADMTC is equipped with a state of the art digital studio, development laboratories and training laboratories. In addition to conducting multimedia courses for undergraduates, ADMTC conducts the following training programmes targeted for people in the industry.

- Advanced multimedia web design and development techniques
- Digital video production and animation
- Dynamic web application development with PHP and MySql
- Web application with Macromedia Flash & other tools

1.5   Professional Development Center (PDC)

PDC serves as the primary interface between the undergraduates and the industry.

The objective of PDC is to enhance the professionalism of the undergraduates and the staff of the UCSC. It does this by addressing the following issues:

- Development of professional skills
- Improving the Industrial relevance of courses taught
- Building social & inter-cultural harmony

The PDC implements an industrial placement programme for UCSC Computer Science undergraduates and industrial visits for the BICT 2nd year undergraduates.

1.6   e-Learning Center (eLC)

The UCSC was identified by donor agencies such as Swedish International Development Agency (Sida) and European Union Asia Link Programme as an ideal location for a center of excellence in e-Learning. Primary aim of eLC was to serve over 1000 internal undergraduates and approximately 5000 external undergraduates of UCSC. ELC programmes include:

Establishment of a National Center of Excellence in e-Learning (NeLC)

Research & Development in e-Learning

Capacity building & training

Development of Interactive e-Learning programmes

Providing consultancy services in e-Learning

1.7   The former Institute of Computer Technology (ICT)

An initiative of Council for Information Technology (CINTEC) and the University of Colombo resulted in the establishment of the Institute of Computer Technology at the University of Colombo in

1987, with project type Technical co-operation from the Government of Japan. The goal of the Institute of Computer Technology was to prepare students for careers in IT and its training programmes were keeping up with the rapidly changing technology.

1.8   The former Department of Computer Science (DCS)

The DCS of the University of Colombo was established in 2001 by splitting the Department of Statistics and Computer Science (DSCS), which functioned since 1985 as part of the Faculty of Science of the University of Colombo. It was responsible for undergraduate and postgraduate training in Computer Science until the formation of the UCSC in 2002.

1.9   Academic Programmes Successfully conducted by the UCSC and its Predecessors

Regional training course in Structured Systems Analysis and Design Methodologies (SSADM) 1993-1998 conducted annually for participants from South, Southeast Asian, Pacific & African countries on an agreement with Japan International Cooperation Agency (JICA).

Regional course in Audit Control in a Computerized Accounting Environment for Managers in 1995 for participants from Asia & Pacific regions sponsored by the Management & Training Services Division (MTSD) of the Commonwealth Secretariat. Later in May 1996, this programme was repeated in Male for the participants from the Republic of Maldives with the sponsorship of the same agency. The Coopers and Lybrand (Colombo) associated with ICT in conducting these programmes.

Regional training programme in Planning, Designing and Analyzing Data from Health Surveys-1996 for participants from South, Southeast Asian & Pacific Countries sponsored jointly by the Commonwealth Secretariat & the WHO.

In 1998, a **Special One Year Diploma in Information Technology** was conducted for over 35 participants from the

Republic of Maldives and Bhutan in response to a request made by the respective governments.

Third Country Training Programme (TCTP) in Information Systems Engineering commenced in 1998 and conducted annually until the year 2002 for participants from South, South Asian and Pacific countries. Sponsorship was mainly from JICA. In 2000, participants from the African Continent too were included in JICA funding for TCTP. In 2001, Colombo Plan funded participants from Mongolia, Iran & the Philippines. In 2002, participants from Asian, Pacific and African countries took part in this programme.

Graduate Training Programme in IT (GTP-IT) was launched in 1998 with the objective of providing short-term job-oriented training to University Graduates of other disciplines to satisfy the human resource requirement of the Sri Lankan Software industry. Around 400 graduates have been now trained under this programme and all participants, on completion of the programme were employed by various government and private sector organizations.

Regional Programme for the Design, Installation and Maintenance of Network Systems (DIAMN) was held in the years 2002,2003,2005 & 2006 for participants from Asia, Africa and the Pacific regions. Participants from all developing countries are eligible and **Sida (Swedish International Development Agency)** mainly supports the programme**.**

Development of Helpdesk & Training Center for the NORAD funded Development of Higher Education in Sri Lanka utilizing IT 2000 - to date for administration & academic staff of all the Universities in Sri Lanka.

Regional Training Programme in Advanced Multimedia Web Design & Development Techniques jointly organized by the Foreign Ministry of the Government of Sri Lanka and the ICT. This programme was held in the years 2001 & 2002 and has helped to share resources within developing countries for "Capacity Building".

Five "Third Country Training Programmes" and Ten "In country Training Programmes" in e-Learning are scheduled to be completed by UCSC from the year 2005 with the help of JICA. The purpose of these courses is to provide the participants from Asian & African countries including Sri Lanka to improve their knowledge & skills the field of e-Learning.

2.   Job Opportunities in Information & Communication Technologies (ICT)

The 21st Century would be dominated by ICT and there is a growing need for ICT professionals. This, together with the critical shortage of IT professionals today, translate into opportunities for those in ICT as well as those interested in entering the field. Software Development & ICT Services is one sector where Sri Lanka can do well and have highly satisfactory economic returns, which in turn will benefit the national economy. In this context, we need to heighten public awareness on the potential of ICT and increase educational opportunities in the sphere.

3.   The External Degree (BIT) Programme

Taking into consideration the job opportunities that exist for ICT graduates in Sri Lanka & overseas, the UCSC (formerly Institute of Computer Technology) took the initiative to launch the External Degree (BIT) programme leading to the award of Degree of Bachelor of Information Technology (External) – BIT.

The UCSC having the most advanced training resources and experience in Sri Lanka in the field of ICT training conducts the Degree of Bachelor of Information Technology (External) programme. The UCSC conducts examinations leading to the first-ever External Degree in IT in Sri Lanka. The University of Colombo will award the degree.

UCSC provides a well-defined detailed syllabus that would help to lay a solid foundation on which, a student can build his career in ICT. The syllabi will be constantly updated to meet the industry requirements. Model question papers, a list of recommended

textbooks are provided to the students. In the year 2003, E-learning was introduced to the Year one BIT students through a Learning Management System (LMS). This was possible through assistance given by Sida (Swedish International Development Agency). LMS assists the students in learning through self-evaluating quizzes, collaborative learning using group assignments etc. UCSC hopes to gradually extend the E-learning facility to all the BIT students. Further support is given to BIT students by the regular TV programme telecast over TVLanka. Recommended text books have been made available in many public libraries throughout the country in response to student requests.

The expertise of more than 20 Ph.Ds, 05 M.Phils, 20 M.Scs and 03 M.B.As drawn from the University of Colombo, other Sri Lankan Universities and the ICT industry are associated with the programme, which makes the BIT a first in Sri Lanka to benefit from such expertise.

Programme is designed to:
- produce qualified ICT professionals in addition to the traditional University output
- set professional standards and encourage students to obtain skills in commercial ICT applications and in the usage of necessary tools
- enable those who could not enter the university to read for a degree in ICT due to severe competition to work towards obtaining such a degree
- give an opportunity to those non-graduates already working in ICT to obtain a formal qualification in ICT through self-study.

The duration of the external degree (BIT) programme will be 3 academic years.
- A **Diploma in Information Technology (External)** will be awarded on successful completion of course examinations of the first year
- A **Higher Diploma in Information Technology (External)** will be awarded to holders of the IT Diploma on successful completion of course examinations of the second year

- **Degree Certificate** will be awarded on successful completion of year 1, year 2 and year 3 examinations and fulfillment of other requirements.
- While all necessary information pertaining to students reading for an external degree is included in this handbook, the UCSC of the University of Colombo reserves the right to revise such information without prior notice.

4.   Authorities Concerned with the External Degree (BIT) Programme

- The Council of University of Colombo
- The Senate of University of Colombo
- The Board of Management of UCSC
- The Academic Syndicate of UCSC
- Board of Study of UCSC for External & Extension programmes
- Any other Board approved by the Senate of University of Colombo

5.   Admission Requirements

a)   (i) Three passes in the G.C.E. (A/L) examination in one sitting and a credit pass for Mathematics in the G.C.E. (O/L) examination; **OR**

(ii) Three passes in the G.C.E. (A/L) examination in one sitting with one such pass being in one of the following subjects:
Applied Mathematics, Pure Mathematics, Physics, Chemistry, Economics, Logic & Scientific Method, Commerce & Finance, Accountancy, Business Studies, Business Statistics, Geography **OR**

(iii) Any other academic/professional qualifications deemed equivalent by the Senate of the University of Colombo **AND**

b)   Pass a *****selection test, which tests the analytical, quantitative and communication skills **AND**

c)   Age: Not less than 17 years as at 30th of September of the first Year of Registration.

*Selection test
- Medium – English
- Duration of the test - 2 hours
- Type of the test-Multiple choice questions

5.1 Selection Procedure

Notices calling for the admission to the external degree (BIT) programme will be published in the press and the BIT website (www.bit.lk) annually. In accordance with such notices, prescribed application forms that can be downloaded from the BIT website should be forwarded to the External Degrees Center (EDC) of the UCSC on payment of appropriate fees (see Section 11).

6. Registration

Students selected will be informed to register for the external degree (BIT) programme. Initially students will be granted only a provisional registration. Registration proper would be given only after the G.C.E. (O/L)/NCGE/G.C.E. (A/L) qualifications are verified by the Department of Examinations or other equivalent qualifications are accepted by the University Authorities. Registration is valid for a period of one academic year. The students have to pay the registration fee annually to keep their registration valid and sit for examinations.

6.1 Documents Required for Provisional Registration

a). Originals & Photo copies of the following:
- Birth Certificate
- National ID card/ Valid Passport/Valid Postal ID
- Educational certificates
  1) For Candidates who have obtained a Credit/Distinction in Mathematics at G.C.E. (O/L) Examination/NCGE & three passes at the G.C.E. (A/L) examination in one sitting:

  > G.C.E. (O/L)/NCGE Certificate
  > G.C.E. (A/L) Certificate

  2) For candidates having alternative qualifications:

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Documents issued by the institute/institutes giving the name, duration, the course content (syllabus) and the level of achievement obtained by the candidate of the study programmes that has been completed or the successful results of any examination the candidate has sat for and any certificates received

AND

b). Original receipt of payment of Registration Fee for Year 1

AND

c). **Three recent colour** photographs of Passport size (35 mms X 45 mms). Place your signature on the reverse of **two** photographs.

Paste the third photograph on a clean sheet of paper and have it attested by an *authorized person. The signature and the seal of the authorizing person should be placed across the photograph so as not to cover the face of the candidate.

*(Head or Retired Head of a Government/Director Managed approved school, Grama Niladhari of the Division, Justice of Peace, Commissioner of Oaths, Attorney at Law, Notary Public, Commissioned Officer of the armed forces, Staff Officer of Govt./ Corporation, the Chief Incumbent of a Buddhist Vihara, A religious Dignitary of standing of any other religion)

6.2   Registration Number

A student is given a registration number at provisional registration. A provisional certificate of registration is given to a student until a BIT Identity Card is issued. All inquiries regarding any matter pertaining to the external degree (BIT) programme must be accompanied by this registration number. In case you are unable to obtain provisional registration this year either due to a personal reason or you have not been able to acquire the necessary qualifications, the UCSC authorities will allow you to defer the provisional registration to the next academic year on a written request made with a payment of a Deferment fee of Rs. 250/=.

Any requests made by a candidate to register for the BIT programme based on the previous year's selection test will be rejected unless he/she has requested for a deferment before the 30th September of that year.

6.3   BIT Identity Card

The BIT Identity Card remains the property of the student until such time; the student obtains the Degree of Bachelor of Information Technology (External). Thereafter, the student should return it to the EDC of UCSC. If the BIT Identity Card is lost, a duplicate will be issued on payment. For payments refer (Section 11). An affidavit should be produced to obtain the duplicate. Students will not be allowed to sit an examination without the BIT Identity Card.

6.4   Cancellation of Registration

Any student may at his request obtain cancellation of his student registration. In such an event the UCSC will retain 25% of the registration fee provided a written request is made within 30 days from the closing date of registration. No requests for cancellation will be entertained from students awaiting the results of an examination or pending disciplinary action in respect of any examination malpractice.
Registration of students who have been found to submit false documents would be cancelled and such documents would be forwarded to necessary authorities for investigation.

6.5   Renewal of Registration

All students are required to renew their registration within a prescribed period after the release of results of Year 1, Year 2 and Year 3 examinations. Payment vouchers and information about the registration fees are available in the BIT website (www.bit.lk). Use only these vouchers to make the necessary payment. No other mode of payment will be accepted. Already registered students need to renew their registrations before the 30th of September. Students will know whether they have to register/re-register for the next academic year depending on their examination results. A student has no right or claim to sit any examination after expiry of period of registration. Hence a student whose registration has lapsed must apply to the EDC for renewal of registration.

If a student who is already registered for the BIT programme wishes to postpone his registration he/she will have to inform the EDC in advance by letter. Such students will have to pay 50% of the intervening years' registration fees plus the registration fee for the year being renewed. If not informed, such students have to pay the full fee for all the years.

7.   Course Structure
Effective from 01st October 2006

YEAR 1+	
SEMESTER 1 (4 Credits each)	**SEMESTER 2 (4 Credits each)**
Compulsory Courses	Compulsory Courses
1. IT1103- Information Systems & Technology	1. IT2103 - Mathematics for Computing I
2. IT1203 - Computer Systems I	2. IT2203 - Programming I
3. IT1303 - Application Packages	3. IT2303 - Database Systems I
4. IT1403 - Internet & World Wide Web	4. IT2403 - Systems Analysis & Design

+Continuous assessments for all Year 1 courses

Effective from 01st October 2007

YEAR 2+			
SEMESTER 3 (4 Credits each)		**SEMESTER 4 (4 Credits each)**	
Compulsory Courses	Optional Courses	Compulsory Courses	Optional Courses
1. IT3103 - Object Oriented Analysis & Design	1. IT3303 - Mathematics for Computing II	1. IT4103 - Programming II	1. IT4303 - Rapid Application Development
2. IT3203 - Software Engineering I	2. IT3403 - Management Information Systems	2. IT4203 - IT Project Management	2. IT4403 - Multi Media Technologies
	3. IT3503 - Web Development Techniques		3. IT4503 - Data Communication & Networks

+Continuous assessments for all Year 2 courses

Effective from 01st October 2008

YEAR 3			
SEMESTER 5 (4 Credits each)		*SEMESTER 6*	
Compulsory Courses	Optional Courses	Compulsory Courses (12 Credits)	Optional Courses (4 Credits each)
1. IT5103 - Professional Issues in IT	1. IT5303 - Computer Graphics & Image Processing	1. *IT6103 - Final Year Project	1. IT6203 - Systems & Network Administration
2. IT5203 - Information Systems Security	2. IT5403 - Internet Application Development		2. IT6303 - Business Information Systems
	3. IT5503 - Computer Systems II		3. IT6403 - Database Systems II
			4. IT6503 - Intelligent Systems
			5. IT6603 - Software Engineering II

*Final Year Project commences in Semester 5

Note: A minimum of 30 credits must be obtained in each academic year

8.   Examinations

8.1   Medium

Medium of Examinations is English.

8.2   Examination Dates

Examinations will be held on a Semester basis, twice within an Academic Year, starting Mid-February and Mid-July respectively.

8.3   Applications to sit the examinations

Applications for examinations will be entertained from prospective candidates who possess all the requisite qualifications. Refer examination criteria (see Section 8.4) for eligibility. Payment

vouchers and examination application forms are available in the BIT website (www.bit.lk). Students are expected to download them from the website. Use only the vouchers in the website to make the necessary payment. No other mode of payment will be accepted.

In the event of any candidate applying for two different semester examinations in the same year, separate applications, payment vouchers and envelopes must be submitted in respect of each semester examination.

Important

Examination Application may be rejected on the following grounds:

i) Not possessing all the requisite qualifications for the examination concerned
ii) Not applying on prescribed forms
iii) Not submitting the applications on or before the closing date of applications
iv) Invalid Registration
v) Non-payment of Registration and Examination fees
vi) Pending inquiries

8.4   Examination Criteria

The Board of Examiners may test any candidate by means of written / electronic / oral / practical examination or any other form of evaluation.

Each course examination leading to the award of the Degree of Bachelor of Information Technology (External) on each course as set out in section 7 above, carries a maximum mark of 100.

A candidate shall not re-sit a course examination, for which he/she has already obtained a mark of 50% or more.

The pass mark for course examination shall be 50%.

No repeat examinations will be held. In the case of a syllabus revision, candidates are requested to consult the Academic

Coordinator of the BIT programme about the modules that need to be repeated. This information will also be published on the BIT website http://www.bit.lk

8.4.1 **First Year Examination** (effective from 01.10.2006)

Each candidate shall sit during his First Year of study, number of courses (as specified in section 7 above), relating to semester 1 and semester 2 and be subjected to continuous assessment.

Any candidate who obtained a minimum GPA (Grade Point Average) of 1.5 at the First Year course examinations may proceed to and register for the Second Year.

8.4.2 **Second Year Examination** (effective from 01.10.2007)

Each candidate shall sit during his Second Year of study, number of courses (as specified in section 7 above), relating to semester 3 and semester 4 and be subjected to continuous assessment.

Any candidate who obtained a minimum GPA (Grade Point Average) of 1.5 at the Second Year course examinations may proceed to and register for the Third Year.

8.4.3 **Third Year Examination** (effective from 01.10.2008)

Each candidate shall sit during his Third Year of study, number of courses (as specified in section 7 above), relating to semester 5 and semester 6. The examination for the project shall consist of the project report and its defense.

Note: Project commences in Semester 5

8.5 **Examination Admission Forms**

Before a minimum of one week prior to the commencement of the examination all eligible candidates to sit the relevant examination will be issued an admission form to that examination. In the event

of a candidate not receiving such admission form he should inform the EDC of UCSC immediately.

8.6   Other Requirements

Those candidates who are referred or re-referred must of necessity obtain a pass in the relevant of such course examination in accordance with examination criteria.

A candidate can appear for any course examination until either he obtains a pass in the course or completes the degree programme.

A student shall not re-sit a course examination, for which he/she has already obtained a mark of 50% or more.

The pass mark for course examination shall be 50%.

8.7   Examination Rules and Instructions to Candidates

A candidate when sitting an examination must at all times have in his possession his admission form and his BIT Identity Card. In case the BIT Identity Card is not produced, when called for (at an examination), a student is liable to have his candidature cancelled. In the course of an examination, if by any chance the BIT Identity Card is lost, steps must be taken immediately to inform the Coordinator of such loss and have a duplicate procured.

All candidates will be issued a detailed instruction sheet along with the examination admission card.

In the event an examination malpractice is proved the following punishments are meted out:

• Cancellation of examination candidature
• Suspension/Cancellation of registration
• Debarring from sitting the examination for a stipulated period of time with or without a fine being imposed

- Any other punishment meted out by the Senate of the University of Colombo

Some of these malpractices are:

- Having on one's possession or near oneself notes, diagrams, articles etc. irrespective of its relevance to the examination.
- Removing from the examination hall stationery, tables, etc. supplied by the University
- Copying
- Impersonation
- Other forms of dishonesty and unruly behaviour
- Obtaining or attempting to obtain improper assistance or cheating or attempting to cheat
- Aiding and abetting the commission of any of these offences
- Non adherence to examination procedures/rules

8.8   Release of Results

Results will be published in the BIT website (www.bit.lk) at the end of an academic year.

8.9   Re-scrutiny of Answer Scripts

Under no circumstances and for no reason what so ever will there be a re-scrutiny of answer scripts. UCSC will publish the model answers on the BIT website within two weeks of concluding the examination. Any queries regarding the model answers may be made within a week to the academic coordinator of BIT (acc@bit.lk)

9.   Award of the Degree of Bachelor of Information Technology (External) - BIT

9.1   Criteria for a Pass

A candidate shall be deemed to have passed the External Degree of Bachelor of Information Technology Examination if he/she has,

    (a) a minimum of 90 Credits with at least 30 Credits from each of the three years;

    (b) a minimum GPA of 2.00 in the three years:

    (c) a grade not inferior to a C for the third year Individual Project

If the candidate fails to obtain a mark of 50% or more at the final year project, he/she shall be required to re-submit the project report and/or re-appear for the defense as determined by the Board of Examiners.

A candidate who fails to satisfactorily complete the continuous assessment component in respect of each year may be required to repeat such component.

Each course examination and the project shall be graded according to the following scheme:

Marks	Grade	Points Value
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
00-19	E	0.00

The Grade Point Value (GPV) corresponding to the percentage score obtained by a student in respect of each such Course in the case shall be multiplied by its Credit Value and weighted across all Courses to obtain the Grade Point Average (GPA = $\sum$ (GPV*Credits)/ $\sum$ Credits) rounded to the second decimal place, of all the contributing Courses of the student. Such courses shall satisfy the minimum 30 Credits per academic year as prescribed in section 7.

9.2   Award of Classes

In the case of a candidate who repeats any course examination, the percentage score to be taken into consideration in determining the award of class shall be limited to 50% for a course examination unless the Senate decides otherwise.

9.2.1   First Class

A candidate is eligible to be placed in the First Class if he/she has passed the Degree of Bachelor of Information Technology (External) as set out in section 9.1 and has:

> (i)   **First Class –** for obtaining a minimum overall GPA of 3.50
> > AND

> (ii)   an "A" grade for the final year project.

9.2.2   Second Class (Upper Division)

A candidate is eligible to be placed in the Second Class (Upper Division) if he/she has passed the Degree of Bachelor of Information Technology (External) as set out in section 9.1 and has:

> (i)   **Second Class (Upper Division)   -** for obtaining a minimum overall GPA of 3.25

> > AND

> (ii)   a minimum of an "A" or "B" grade for the final year project.

9.2.3   Second Class (Lower Division)

A candidate is eligible to be placed in the Second Class (Lower Division) if he/she has passed the Degree of Bachelor of

Information Technology (External) as set out in section 9.1 and has:

> (i) **Second Class (Lower Division) -** for obtaining a minimum overall GPA of 3.00
>
> AND
>
> (ii) a **minimum** of an "A" or "B" grade for the final year project.

10. Certificates

10.1 Transcripts

The University shall publish the names of candidates who are eligible to be awarded the Degree of Bachelor of Information Technology (External). Each candidate, whether he/she has passed or not, shall be provided with a transcript giving details of the grades, GPV and GPA he/she had obtained and the final result including classes, if any, provided that, he/she makes an application for such transcript in the prescribed manner.

10.2 Degree Certificates

Degree certificates will be issued to graduates after approval by the Senate of the University of Colombo, of results of the examination of the Degree of Bachelor of Information Technology (External) - BIT.

10.3 Diplomas and Higher Diplomas

A candidate who has obtained a minimum GPA of 2.0 and has satisfactorily completed continuous assessment in the First Year and all courses as specified in section 7 shall be awarded a Diploma in Information Technology.

A candidate who has obtained a minimum GPA of 2.0 and has satisfactorily completed continuous assessment and all courses as specified in section 7 in the Second Year and has obtained the Diploma in Information Technology shall be awarded a Higher Diploma in Information Technology.

11.   Fees & Payment Method

11.1   Programme Fees (For Sri Lankan Citizens)

		Degree Programme		
	Pre-Registration	Year 1	Year 2	Year 3
1) Fees for Selection Test	**Rs. 500 /=**			
2) Annual Registration Fee (for new students)		**Rs. 2100 /=**		
3) Annual Re-registration fee		**Rs. 2000 /=**	**(With CIT or DIT) Rs. 2500/= (Without CIT or DIT) Rs. 3000/=**	**(With ACIT or HDIT) Rs. 2000/= (Without ACIT or HDIT) 2500/=**
3) Examination Fee for Each course examination		**Rs. 800 /=**	**Rs. 900 /=**	**Rs.1000/=**
4) Deferment Fee	**Rs. 250/=**	-	-	-
5) Fee for the project examination				**Rs.4000/=**

Fees in respect of referred and re-referred course/project examination(s) are same as above.

11.2   Miscellaneous Fees (For Sri Lankan Citizens)

1) To obtain a duplicate BIT Identity Card	Rs. 100/=
2) Academic Transcript with Grades	Rs. 100/=
3) Academic Transcript with Grades & Marks (Sent only to Foreign Institutions named by the student)	Rs. 100/=
4) Postage Fee (registered) to send transcripts to Foreign Institutions	Rs. 100/=
5) Certificate for Diploma and Higher Diploma in Information Technology	Rs. 200/= each
6) Degree Certificate	Rs. 1000/=
7) Resubmission of Final Report (major corrections)	Rs. 1000/=

NB 1. All payments can be made to any People's bank branch on prescribed vouchers that can be downloaded from the BIT website: www.bit.lk (Please use all 4 copies of the voucher)
2. Cash/Money Orders/Postal Orders will not be accepted
3. All fees are subject to revision.

11.3   Fees & Payment Method for Foreign Nationals

Available at the External Degrees Center (EDC) of UCSC

Note: Contents of this Handbook are subjected to revision by the UCSC without prior notice.

August - 2007