

M.Sc. Eng. in Information and Communication Technology abbreviated as M.Sc. Eng. (ICT)

## **1. Academic Regulations**

1.1 There shall be two semesters in one academic year. Normally, one will start in January and the other in July.

1.2 Academic progress shall be assessed in terms of credit hours earned by the student. One credit hour theoretical course shall normally require 14 periods of lecture during one semester while one credit hour of laboratory/thesis/project work should normally require 42 periods of laboratory/thesis/project work in a semester. The number of credit hours for each course shall be specified in the syllabus of the Institute.

### **1.5 Status of a Student**

There shall be two categories of student, namely-

- i. Full-time: A full-time student shall not ordinarily be an employee of any organization; however, employees serving in different organizations may be registered as full-time student with prior permission from the concerned authority/employer. A full-time student may be employed as teaching/ research assistant in this University.
- ii. Part-time: Students serving in different organizations may be admitted as part-time student with a written consent from the employer.

### **1.6 Course Registration**

1.6.1 Every admitted student shall have to get himself/herself registered into the courses on payment of prescribed fees.

1.6.2 Course registration by a student must be completed within two weeks from the start of a semester; otherwise, the student shall not be allowed to continue the course in that semester.

2.6.3 IICT enrolls students from various undergraduate disciplines and may offer some courses from ICT related undergraduate level as audit courses.

1.6.4 A student may take one third of required theory courses (not more than 9 credits) from any other Institutes/Departments within the University on the approval of his/her supervisor and/or Associate Director (ARW). Such approval will be considered in a semester for the cases when similar courses are not offered in the Institute.

1.6.5 A full-time student must register a minimum of 12 (twelve) credit hours and a maximum of 15 (fifteen) credit hours per semester.

1.6.6 A part-time student should normally register a minimum of 6 (six) credit hours and a maximum of 9 (nine) credit hours per semester.

1.6.7 A student may be permitted to withdraw and/or change his/her registered course(s) within three working weeks from the commencement of that semester on the recommendation of his/her supervisor (if any) and upon approval of the concerned teacher(s) and Associate Director (ARW) of the Institute.

1.6.8 A student may be allowed to register a course for grade improvement.

### **1.7 Credit Transfer**

On the recommendation of the Academic Research Committee (ARC) and by the approval of the Academic Council, a student may be allowed to transfer a maximum of 50% of the required theory courses of a degree completed by the student at other Universities/Institutions where he/she enrolled earlier for M.Sc.Eng. or equivalent program provided that the courses were not taken earlier than 5 (five) calendar years from the date of his/her first enrollment in the respective program in IICT. In addition, the student must obtain a minimum Grade Point of 3.00 out of 4.00 or its equivalent in each course to be transferred and the courses should be equivalent to the approved courses of IICT.

### **1.8 Course Duration**

#### **1.8.1 M.Sc. Eng. Degree**

The minimum duration to complete the requirements of M.Sc. Eng. degree shall be 3 (three) semesters and generally not be more than 5 (five) academic years from the date of his/her admission.

### 1.9 Requirements for Continuation of a Program

1.9.1 A student will not be allowed to continue the program if he/she obtains **F** grades in three or more courses in the first two registered semesters.

1.9.2 A student will not be allowed to continue the program if his/her CGPA falls below **2.5** (including **C** grades) at the end of the second or any subsequent semester.

### 1.10 Requirements for the Degrees

#### 1.10.1 M.Sc. Eng. Degree

The requirements for M.Sc. Eng. (ICT) degree are as follows:

- i. A student must have to obtain a minimum CGPA of **2.65** in his/her course works.
- ii. A student must have to complete a minimum of **36** (thirty-six) credit hours of which **18** (eighteen) credit hours shall be assigned to a thesis or **9** (nine) credit hours for a project.
- iii. In addition to the successful completion of course works, every student shall have to submit a thesis/project dissertation on his thesis/project work, as applicable, fulfilling the requirements as detailed in Art. No. 8.

## 2. Grading System

2.1 Final grades for courses shall be recorded as follows:

Numerical Marks	Letter Grade	Grade Point (G <sub>i</sub> )	Performance
90% and above	A+ A (Plus)	4.0	Excellent
80% but <90%	A A	3.5	Very good
70% but <80%	B+ B (Plus)	3.0	Good
60% but < 70%	B B	2.5	Average
50% but <60%	C C	2.0	Pass
Below 50%	F	0.0	Fail
Incomplete	I	--	--
Satisfactory	S	--	--
Unsatisfactory	U	--	--

### 2.2 Calculation of GPA and CGPA

The Grade Point Average (GPA) shall be computed for each semester as follows:

#### 6.2 Calculation of GPA and CGPA

The Grade Point Average (GPA) shall be computed for each semester as follows:

$$GPA = \frac{\sum_{i=1}^n C_i G_i}{\sum_{i=1}^n C_i}$$

Where  $n$  is the number of courses completed during the term,  
 $C_i$  is the number of credits allotted to a particular course, and  
 $G_i$  is the grade point corresponding to the letter grade awarded for that course.

A Cumulative Grade Point Average (CGPA) shall also be computed at the end of second and subsequent terms. The CGPA will be computed as follows:

$$CGPA = \frac{\sum_{j=1}^m S_j T_j}{\sum_{j=1}^m T_j}$$

where  $m$  is the total number of terms being considered,  
 $S_j$  is the GPA of the  $j$ -th term,  
 $T_j$  is the total number of credits registered during  $j$ -th term.

Both GPA and CGPA will be rounded off to the second place of the decimal for reporting.

2.3 On the written request from a student, a maximum of two courses, having **B** or **C** grade in each, may be ignored for the calculation of CGPA. In such case, the CGPA must not be less than **2.65** in the remaining courses.

- 2.4** Courses in which the student gets **F** grades shall not be counted towards credit hour requirements and for the calculation of Grade Point Average (GPA).
- 2.5** A student shall get **I** grade in a course with prior permission from the Associate Director (ARW) of the Institute if he/she is unable to complete the course due to any unavoidable circumstances. He/she has to complete the course within the next two consecutive semesters; otherwise, he/she will get **F** grade in that course.
- 2.6** Satisfactory (**S**) and unsatisfactory (**U**) shall be used for grading of thesis/project and non-credit prerequisite courses. If, however, thesis is discontinued an **I** grade shall be recorded.