

## **A FIRST! INTERNATIONAL ACCREDITATION FOR BCom(INFORMATICS)**

### **ABET ACCREDITATION MEANS QUALITY.**

ABET accreditation is assurance that a university program meets the quality standards established by the profession for which it prepares its students.



### **ACCREDITATION IS IMPORTANT TO OUR CONSTITUENTS.**

- Our students are ready to practice as soon as they graduate.
- Our local employers can count on our program graduates to meet their needs.
- The parents of our students can be proud of the education their sons and daughters receive and confident that their time and money were well spent.
- The postgraduate institutions to which our students apply recognize our program for producing graduates with the skills and attributes required by the profession.
- Our university supports our program and provides the resources needed to sustain it.

### **WE ARE PROUD THAT WE ARE ACCREDITED. YOU SHOULD BE TOO.**

ABET accreditation is a significant achievement. We have worked hard to ensure that our program meets the quality standards set by the profession. And, because it requires comprehensive, periodic evaluations, ABET accreditation demonstrates our commitment to the quality of our program – both now and in the future.

The Student Outcomes of our degree are linked to the following ABET (international accreditation body) outcomes:

The program must enable students to attain, by the time of graduation:

- A. An ability to apply knowledge of computing and mathematics appropriate to the discipline
- B. An ability to analyse a problem, and identify and define the computing requirements appropriate to its solution
- C. An ability to design, implement, and evaluate a computer-based system, process, component, or program to meet desired needs
- D. An ability to function effectively on teams to accomplish a common goal
- E. An understanding of professional, ethical, legal, security and social issues and responsibilities
- F. An ability to communicate effectively with a range of audiences
- G. An ability to analyse the local and global impact of computing on individuals, organizations, and society
- H. Recognition of the need for and an ability to engage in continuing professional development
- I. An ability to use current techniques, skills, and tools necessary for computing practice.
- J. An understanding of processes that support the delivery and management of information systems within a specific application environment.

#### **Our specific student outcomes are:**

SO 1.1. (ABET Outcome B,C,I) The student should have a thorough knowledge of the planning, analysis, design, implementation and management of computerized information systems.

SO 1.2. (ABET Outcome G,I) The student should be able to describe the different components and the interaction of these components in a computer-based system

SO 2.1. (ABET Outcome A,B,C,I) The student should have mastered advanced business programming using a modern programming language.

SO 2.2. (ABET Outcome B,C,D,I) The student should implement a database application by converting a detailed design into a working database.

SO 3.1. (ABET Outcome B,C,D,F,I) The student should understand the importance of managing project execution, estimate and schedule tasks as well as how to build and maintain sound relationships during any project life cycle.

SO 4.1. (ABET Outcome E,G) The student should have an awareness of the social, ethical and global implications of Information technology.

SO 5.1. (ABET Outcome A,F,G) The student should be able to communicate (verbally and in writing) a critical, analytical and logical argument on selected topics around the adoption, use and management of information systems in organizations.

SO 6.1. (ABET Outcome C,D,G,I) The student should successfully complete an information system solution for their clients; completing each deliverable as part of the SDLC.

SO 6.2. (ABET Outcome D,F,H) Students should manage their own teams