

## **Intended Learning Outcomes**

### **A. Knowledge & Understanding**

- A1.** The essential mathematics and statistics relevant to Management Information Systems;
- A2.** A wide range of principles and tools available to MIS Professionals including CASE tools, programming languages, case studies, software packages, etc;
- A3.** The principles of computer systems, including operating systems and networks communication;
- A4.** The professional and ethical responsibilities and understanding of quality;
- A5.** The principles and techniques of a number of research areas such as databases, decision support systems, information management, projects management, Data Mining, etc;
- A6.** The application of computing in management and business context;

### **B. Intellectual Skills**

- B1.** Solve a wide range of problems related to the analysis, design and implementation of Management Information Systems;
- B2.** Contribute in design and implement software systems in the field of decision making and Strategic planning;
- B3.** Identify a range of solutions and critically evaluate and justify proposed design solutions in different MIS fields including decision making, business systems, planning, project management, etc;

### **C. Practical Skills**

- C1.** Plan and undertake a major individual project.
- C2.** Prepare and deliver coherent and structured verbal and written technical reports.
- C3.** Give technical presentations suitable for the time, place, and audience.
- C4.** Use the scientific literature effectively and make discriminating use of Web resources.
- C5.** Design, write, and debug computer programs in appropriate languages.

**C6.** Use appropriate computer-based design support tools.

#### **D. Transferable Skills and Personal Qualities**

- D1.** D1) Display an integrated approach to the deployment of communication skills.
- D2.** Use IT skills and display mature computer literacy.
- D3.** Work effectively with and for others.
- D4.** Strike the balance between self-reliance and seeking help when necessary in new situations.
- D5.** Display personal responsibility by working to multiple deadlines in complex activities.
- D6.** Employ discrete and continuous mathematical skills as appropriate.