



## **Intended Learning Outcomes (ILO)**

### **A-Knowledge & Understanding**

Students will be able to:

- A1)** Acquire knowledge of a range of advanced topics in Computer Science beyond undergraduate level and at the forefront of research.
- A2)** Have a knowledge & understanding of research methodology & practice.
- A3)** Understand, apply and develop leading-edge technologies.

### **B. Intellectual Skills**

Students will be able to:

- B1)** Develop and evaluate original ideas in a research context.
- B2)** Perform problem-solving in academic and industrial environments.
- B3)** Develop original ideas in a research context (synthesis).

### **C. Practical Skills**

Students will be able to:

- C1)** Develop applications to satisfy given requirements.
- C2)** Organize & pursue a scientific or industrial research project.
- C3)** Use, manipulate and develop large computational systems.
- C4)** Perform independent information acquisition and management.

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

Students will be able to:

- D1)** Work and communicate effectively as a team member.
- D2)** Prepare and present seminars to a professional standard.
- D3)** Understand ethical issues related to professional activities.
- D4)** Write thesis and reports to a professional standard.
- D5)** Perform independent and efficient time-management.