

## **Department of Master of Computer Applications**

### **Intellectual Master's Association of Computers –IMAC**

#### **Vision**

To create centre of excellence for the students to prepare them to be industry-ready and achieve academic excellence.

#### **Mission**

- To promote a constant relation and to act as a forum for exchange of information among its members.
- To develop teamwork and leadership skills among students through activities and events for enhancing their career prospects in Industry and Research.
- To provide opportunities for students to exercise their knowledge and skills to develop software applications.
- To encourage specialized skills among students for career development and life- long learning.

#### **Objectives:**

After successful participation in the IMAC Students' Technical Forum, the graduates of MCA would have:

- Established themselves as effective professionals by solving real-time problems through the use of Computer Science knowledge and also to improve team work, communication, critical thinking and problem solving skills.
- Demonstrated their ability to adapt to a rapidly changing environment by having learned and applied new skills and new technologies.
- Provided with an educational foundation that prepares them for excellence, leadership roles along diverse career paths with encouragement to professional ethics and active participation needed for a successful career.
- Developed professional skills that prepare them for immediate employment and for life-long learning.

**Outcomes:**

Through the events and activities undertaken by the IMAC, the students gain exposure to:

1. Apply knowledge of computing, mathematical foundations, algorithmic principles, and design of computer-based systems to real-time problems. Use current techniques, skills, and tools necessary for computing and real-time practice.
2. Design and develop applications, as well as to analyze and interpret data.
3. Implement and evaluate a computer-based system, process, component within realistic constraints such as economic, environmental, social, political, health and safety and manufacturability and sustainability.
4. Function effectively in multi-disciplinary teams and obtain Knowledge and understanding of professional, ethical, legal, security and contemporary issues.
5. Recognition of the need for, and an ability to engage in continuing professional development and life-long learning.