

# **AJAY KUMAR GARG ENGINEERING COLLEGE, GHAZIABAD**

27<sup>th</sup>Km Milestone, Delhi-Meerut Expressway, P.O. Adhyatmik Nagar, Ghaziabad - 201009

## **PEOs, POs and PSOs of MCA Department**

### **Program Educational Objectives (PEO) of MCA Department**

**PEO1: PREPARATION:** To guide students to complete their post graduates course and prepare them industry ready.

**PEO2: CORE COMPETENCE:** To make them competent to handle mathematical, analytical, financial and computer application tools for different applications of computer science and technology.

**PEO3: BREADTH:** To make them able to understand a broad range of topics to analyze, design and create novel products and solution for real life technical and organizational problems.

**PEO4: PROFESSIONALISM:** To inculcate professional and ethical attitude, communication skill and multi disciplinary approach.

**PEO5: LEARNING ENVIRONMENT:** To provide academic environment with excellence, leadership and guidelines.

### **Program Outcomes (PO) Of MCA Department**

The program outcomes are skills and knowledge which the students have at the time post graduation. The outcomes essentially indicate what a student can do from subject-wise knowledge acquired during the program. The outcomes may be program specific with the following broad categories.

**PO1** Apply the knowledge of mathematics & computer based techniques to achieve feasible solution to the problems of computer applications domain.

**PO2** Identify & formulate complex computer based problems meeting valid conclusions using mathematics and computing science domains through research methodology.

**PO3** Design and obtain solutions for complex computer based problems and design and evaluate systems, components, or processes that meet requirements with due consideration to society and environment.

**PO4** To provide valid conclusions using research based knowledge and various research methods.

**PO5** To learn modern latest techniques, tools and practices with their limitations for the process of software development.

**PO6** To make students understand and commit to the norms of professional computing practices, professionals' ethics and cyber regulations.

**PO7** To develop the habit of self-learning for continued career development to grow as IT professional.

**PO8** To make students understand and apply computing & management principles as a team member or a leader to manage software projects.

**PO9** To develop communication & professional skills to effectively conceive, design and develop software applications and associated practices.

**PO10** To understand and analyze the responsibilities regarding society and environment in local and global contexts relevant to professional computing practices.

**PO11** To infuse the ability to function effectively as a team member or a leader in multi-disciplinary environments.

**PO12** To help students to identify opportunities to be a successful entrepreneur by adopting innovation skills.

### **Program Specific Outcomes (PSOs) of MCA Department**

**PSO1** Understand & apply knowledge on analysis, design and development of applications in the field of computer science and its related disciplines.

**PSO2** Develop ability to utilize modern technologies, platforms and knowledge for computing practices in innovative carrier path with commitment towards society.