**PROGRAMME OUTCOMES (POs):**

MCA programme has been designed to prepare graduates for attaining the following program outcomes (POs):

| | | |
|---|---|---|
| **PO1** | **Computing knowledge** | Apply the knowledge of computing fundamentals to Identify, formulate, and solve problems in the areas of computer applications. |
| **PO2** | **Problem analysis and Design/development of solutions** | Identify, formulate, review research literature, and analyse complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations. |
| **PO3** | **Modern technology usage** | Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modelling to complex engineering activities with an understanding of the limitations. |
| **PO4** | **The engineer, society and ethics** | Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issuesand, also apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice. |
| **PO5** | **Environment and sustainability** | Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development. |
| **PO6** | **Individual and team work** | Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings. |
| **PO7** | **Communication** | Communicate effectively on complex engineering activities with the engineering community and with society at large. |

| | | |
|---|---|---|
| **PO08** | **Inveterate learning** | Recognize the need for, and have the preparation and ability to engage in independent and life-long learning inthe broadest context of technological change. |

**PROGRAMME SPECIFIC OUTCOMES (PSOs):**

MCA programme has been designed to prepare graduates for attaining the following program specific outcomes (PSOs):

| | |
|---|---|
| **PSO1** | Ability to acquire knowledge in various fields of computer science, and to apply in industry, entrepreneurship and/or higher studies, for a thrivingcareer. |
| **PSO2** | Ability to develop software systems to enable the convenient use of the computing system and possesstechnical credentials. |
| **PSO3** | To develop competence in recent areas of artificial intelligence, web design, data and information security and cloud computing. |
| **PSO4** | Analyze their capabilities in systematic planning, development, testing and execution of complexcomputing applications in the areas of machine learning and analytics, web application development and data science. |