



MCA PROGRAMME OUTCOMES (POS)

- 1. Computing Knowledge** - Apply knowledge of computing fundamentals, computing specialization, mathematics, and domain knowledge appropriate for the computing specialization to the abstraction and conceptualization of computing models from defined problems and requirements
- 2. Problem Analysis** - Identify, formulate, research literature, and solve complex Computing problems reaching substantiated conclusions using fundamental principles of Mathematics, Computing sciences, and relevant domain disciplines
- 3. Design & Development** - Identify, formulate, research literature, and solve complex Computing problems reaching substantiated conclusions using fundamental principles of Mathematics, Computing sciences, and relevant domain disciplines.
- 4. Research & Development** - Ability to effectively communicate in cross-cultural settings, in technology mediated environments, especially in the business context and with society at large
- 5. Prompt Tool Usage** - Create, select, adapt and apply appropriate techniques, resources, and modern computing tools to complex computing activities, with an understanding of the limitations.
- 6. Ethical Practices** - Understand and commit to professional ethics and cyber regulations, responsibilities, and norms of professional computing practice.
- 7. Life Long Learning** - Recognize the need, and have the ability, to engage in independent learning for continual development as a Computing professional
- 8. Professional Skills** - Demonstrate knowledge and understanding of computing and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments
- 9. Communication Skills** - Communicate effectively with the computing community, and with society at large, about complex computing activities by being able to comprehend and write effective reports, design documentation, make effective presentations, and give and understand clear instructions.
- 10. Societal Contribution** – Understand and assess societal, environmental, health, safety, legal, and cultural issues within local and global contexts, and the consequential responsibilities relevant to professional computing practice.



11. Teamwork & Leadership - Function effectively as an individual and as a member or leader in diverse teams and multidisciplinary environment.

12. Innovation & Sustainability - Identify a timely opportunity and using innovation to pursue that opportunity to create value and wealth for the betterment of the individual and society at large.