

Manipal University Jaipur

Faculty of Science

School of Basic Sciences

Department of Computer Applications

M. Sc. Cyber Security

Program Outcomes

- **[PO.1].** Learn the foundations of Cyber security and threat landscape.
- **[PO.2].** To equip students with the technical knowledge and skills needed to protect and defend against cyber threats.
- **[PO.3].** To develop skills in students that can help them plan, implement, and monitor cyber security mechanisms to ensure the protection of information technology assets.
- **[PO.4].** To expose students to governance, regulatory, legal, economic, environmental, social and ethical contexts of cyber security.
- **[PO.5].** To expose students to responsible use of online social media networks.
- **[PO.6].** To systematically educate the necessity to understand the impact of cyber-crimes and threats with solutions in a global and societal context.
- **[PO.7].** To select suitable ethical principles and commit to professional responsibilities and human values and contribute value and wealth for the benefit of society.

Program Specific Outcomes

- **[PSO.1].** To work effectively as cybersecurity professionals in both supportive and leadership roles, with a focus on securing digital infrastructure.
- **[PSO.2].** To progress successfully in cybersecurity careers by utilizing technical expertise, leadership, communication, and interpersonal skills while adhering to legal, regulatory, and ethical standards.
- **[PSO.3].** To adapt to evolving cybersecurity technologies and threats, with a commitment to continuous learning and professional development.