

## **Master of Science (Mathematics)**

### **Programme Objectives (PEO)**

The main objectives of this postgraduate programme are:

1. To produce graduates competent in practising scientific principles in academic, science and technology.
2. To produce graduates engaging in the activities that demonstrate communication and leadership role.
3. To produce graduates practising professional ethics and engage in lifelong learning.

### **Programme Outcomes (PO)**

Upon completion of the programme, students will be able to:

1. Demonstrate mastery of knowledge in the field of applied mathematics, data analysis or operations research.
2. Apply knowledge to manage and resolve problem in the field of applied mathematics, data analysis or operations research.
3. Select and use suitable digital and analytical tool or techniques to research problems.
4. Conduct rigorous and independent research with minimal supervision.
5. Demonstrate leadership qualities and management skills.
6. Communicate effectively in the field of applied mathematics, data analysis or operations research and interact with peers.
7. Demonstrate commitment to lifelong learning and personal development.
8. Perform research adhering to legal, ethical, professional and sustainable practices.