Annual Assessment Report

Master of Science in Operations Analytics (OPANMS)

1. OPANMS Program Educational Objectives

The OPANMS program educational objectives are as follows:

Program Goals and Objectives
Successfully applying core operations analytics quantitative modeling skills to the management, control, and improvement of enterprise or public sector organizations.
Demonstrating professional and intellectual growth as managers and leaders in operations analytics and their organizations.
Pursuing life-long learning and continued professional development; and undertaking leadership roles in their profession, in their communities, and in the global society.

2. OPANMS Learning Outcomes

The OPANMS learning outcomes are as follows:

An ability to use information systems, statistics, and computing principles and apply state-of-the-art technologies for data representation, data retrieval, data manipulation, computational analytics, data analysis, visualization as they apply analytics within enterprise operations.
An ability to develop descriptive, predictive, and prescriptive mathematical and statistical models and to apply those models through computational methods to problems of controlling and improving enterprise operations.
An ability to use foundational knowledge and apply critical thinking skills to problem identification, problem solving, and decision making, within the context of controlling and improving enterprise operations.
An ability to adapt analytics concepts to interpret and communicate findings and implications to senior decision makers.

3.   Assessment of Student Learning and Timeline

1. Timeline
    a. Annual Graduate Student Academic Reviews submitted to the Graduate School by June 30
    b. All students prepare a project presentation as part of either their capstone project required by OPAN 59003/59103
    c. Satisfactory progress of coursework is assessed at the prior to the Fall semester
2. Means of assessment
    a. SLO1 assessed through grades in courses in core courses: OPAN 5003, OPAN 50103, OPAN 50203, and OPAN 59003/59103
    b. SLO2 is. assessed through placement data and exit interviews
    c. SLO3 is. assessed through placement data and exit interviews

4.   Assessment Results

1. Course Performance and Student Progress

Table 1: Grades in core MSOA courses in 2025

	# Students Completed	# >= 'B'
OPAN 50003	3	3
OPAN 50103	3	3
OPAN 50203	1	1

Table 2: Student Progress

# Students in Program	# Students >=3.0
3	3

2. Exit Interview Data

No 2024-2025 graduates.

3. Placement Data

No 2024-2025 graduates.

5.   Use of Results

Results will be shared with INEG faculty in Fall 2025 to assess health of program in terms of both student performance and enrollment.