

Executive Summary
Master of Operations and Supply Chain Management
Faculty of Management
Self-Assessment Cycle-II (2021-2022)

Quality of higher education is monitored by Quality Assurance Agency (QAA) of HEC by various means. One of the means is Self-assessment of the programs offered by a University/HEI (Higher Education Institute). The Self-assessment process is conducted according to the guidelines provided by QAA in Self-assessment manual. In this regard, current document summarizes the findings of self-assessment process for the program Master of Operations and Supply Chain Management offered by the Department of Management Science.

The department is committed to produce graduates who can lead organizations towards success and prosperity in the global marketplace. The department offers rigorous programs in different areas of specialization at both Masters and Bachelors levels. The department has completed the following tasks with reference to Self-assessment process:

1. Development of **Self-Assessment Report (SAR)** by Program Team for Master of Operations and Supply Chain Management
2. Assessment of the said program and submission of **Assessment Report (AR)** by Assessment Team for Master of Operations and Supply Chain Management
3. Development of **Rectification Plan** by Head of Department

The tasks were completed according to the set methodology through Program and Assessment Teams nominated by the Rector upon recommendation of the Department.

Methodology

The following methodology was adopted to complete the self-assessment process:

1. Head of department nominated a program team (PT) for the program under consideration. DQE (Directorate of Quality Enhancement) arranged initial orientation and training session for PT. The composition of PT is given below:

Table 1: Program Team

Sr.#	Name	Designation
1.	Mr. Shaheer Malik	Tutor/Instructor, Management Science

2. All the relevant material such as SAR manual, survey forms, etc. were provided to PT.
3. Continuous support, guidance, and feedback were provided to PT to prepare SAR for the said program.
4. After completion and submission of the final SAR by PT, the Rector, upon recommendation of the HOD, approved formation of an Assessment Team (AT) for critical appraisal of the program and SAR. The composition of AT is given below:

Table 2: Assessment Team

Sr.#	Name	Designation
1.	Muhammad Aamir Qureshi	Lecturer, Management Science

5. SAR developed by PT was forwarded to AT for critical review.
6. After completion of critical review and assessment of the SAR, AT visited the department and had a meeting with PT.
7. After the visit, AT submitted a report and feedback form (Rubric Form) to DQE.
8. DQE forwarded the observations & findings of AT report to the Head of Department for developing a rectification plan.
9. DQE will now monitor implementation of corrective actions proposed by AT.

Criteria in SAR:

Following eight (8) criteria defined by the HEC are used to develop SAR:

- Criterion 1: Program Mission, Objectives and Outcomes
- Criterion 2: Curriculum Design and Organization
- Criterion 3: Laboratory and Computing Facility
- Criterion 4: Student Support and Advising
- Criterion 5: Process Control
- Criterion 6: Faculty
- Criterion 7: Institutional Facilities
- Criterion 8: Institutional Support

Key Findings of the SAR:

Following is a summary of the key findings after program's assessment:

1. The Master in Operations and supply chain management curriculum should be re-designed by adding more practical and current courses from the operation and supply chain management area.

Subjects which may include:

- i. Strategic supply chain management
 - ii. Negotiation, contracting, and law in procurement and supply
 - iii. Strategic purchasing management
 - iv. Supplier selection and bid evaluation
 - v. Public procurement management
2. Video lectures and handouts of outdated courses should be updated.

3. Case studies should be included in core courses as they are a beneficial source of knowledge about current industrial practices.
4. VU should establish its e-library having a sufficient number of reference books for all the courses offered by the University.
5. VU should provide access to digital libraries of well-reputed journals to support the research activities.
6. For the career counseling of students, seminars and workshops should be organized at least once a semester, and experts from industries and organizations should be invited.
7. There should be a separate internship course because the previous course (MGTI619) was designed for business management students. It does not address the requirements of operation and supply chain management. The supply chain students must discuss the below points in the internship report, which are unnecessary for business management students.
 - PEST analysis
 - critical path analysis
 - lead time analysis
 - inventory management
 - fleet management
 - material flow and information flow
 - costing methods
 - risk and insurance management
 - reverse logistics
 - Vender-Managed inventory (VMI)
 - Just-in-time and material requirement planning (MRP)

Conclusion and Recommendations:

Analysis of the Criteria Referenced Self-Assessment reveals that performance of the department is 'Good in most of the areas'. The program has secured (72/100) score reported by AT which reflects overall good performance.

The areas that need corrective actions identified during self-assessment process have been reported to Head of the Department for rectification. DQE will follow up the implementation plan as per specific time-frame to track continuous improvement.

Prepared by:



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