

## **PROGRAMME AIMS AND LEARNING OUTCOMES**

Mission statement:

The mission of our programme is to develop a theoretical understanding and practical skills focused on improving operations, supply chain and project management in organisations. These are the functions within organisations that create and deliver value for customers and clients and so their effective management is central to the sustained success of any organisation whether measured in terms of profitability, stakeholder alignment or customer satisfaction. This MSc programme will equip you to meet these challenges in whatever type of organisation you plan to work.

The programme aims to:

- To equip students with the intellectual apparatus and practical skills necessary for the professional operations, supply chain or project manager working in private or public sector organisations
- To give training to students in research methods, including quantitative techniques and IT skills, which are required in both applied work in the 'real world' as well as university-based research
- To provide the student with a strong foundation for any subsequent doctoral work within the area of operations, project and supply chain management

## **INTENDED LEARNING OUTCOMES OF THE PROGRAMME**

### **A. Knowledge & Understanding**

Students should be able to understand:

- The theoretical basis of Operations, Project and Supply Chain Management within different types of organisation
- The different research methods that can be employed within an Operations, Project and Supply Chain context, including both quantitative and qualitative approaches
- The practical application of Operations, Project and Supply Chain concepts to real world companies.

### **B. Intellectual Skills**

Students should be able to:

- Apply the analytical skills appropriate in understanding and improving the management of operations

- Identify appropriate concepts, frameworks, models, and techniques to undertake the complete analysis of Operations, Project and Supply Chain problems within an applied context
- Undertake the study and research of Operations, Project and Supply Chain issues in a logical, precise and rigorous manner
- Critically evaluate published research within Operations, Project and Supply Chain Management and associated fields.

### **C. Practical Skills**

Students should be able to:

- Design and carry out a series of small-scale research projects involving, and critically reflecting upon, the use of a variety of research methods
- Design, plan, implement and reflect upon a substantial research project (approximately 6 months duration)

### **D. Transferable Skills and Personal Qualities**

Students should be able to:

- Communicate effectively through written reports and essays
- Make oral presentations to specialist and non-specialist academic audiences, participating effectively in such contexts
- Demonstrate an ability to identify and respond to the views of others and to work effectively and constructively in a team
- Independently gather, sift, synthesize and organize material from a variety of sources (e.g. library and internet) and critically evaluate the extent to which such material might be applied to and contribute towards current developments in the field.
- Employ ICT including standard integrated office applications software (e.g. word processor, spreadsheet, presentation) and specialist add-ons or packages (e.g. Solver) to analyse and communicate the results of analysis.
- Autonomously manage time and prioritise activities
- Contribute to personal professional development through planning, monitoring, peer learning, critical reflection and evaluation.