C18OP Operations Management

COURSE DETAILS
Course Code: C18OP
Full Course Title: Operations Management
SCQF Level: 8
SCAF Credits: 15
Available as Elective: Yes

DELIVERY LEVEL
Undergraduate: Yes
Postgraduate Taught: No
Postgraduate Research: No

COURSE AIMS

• To acquire knowledge about managing operations & resources in organisations of various sizes; private, public & not-for-profit.
• To explore basic strategic & managerial perspectives & frameworks of operating systems.
• To develop an understanding of the many internal & external factors that impact on the development of effective operating systems.
• To recognise & appreciate the role of technology & its impact on operations management.
• To appreciate the impact decisions made by operations managers have on an organisation's competitive performance.
• To evaluate the role of the Operations Manager.
• To explore the international dimension of Operations Management.

LEARNING OUTCOMES – SUBJECT MASTERY

• Describe & explain the operations management concepts and techniques which can be used to support management decision making.
• Understand and use new developments in operations management thinking.

• Solve real operational problems by the application of theoretical and analytical operational models.
• Develop the ability to research a particular dimension of operations management.
• Develop analytical & evaluation skills.

LEARNING OUTCOMES – PERSONAL ABILITIES

• Demonstrate an interest and awareness of current developments in operations management.
• Explain the subjective, ever-changing and uncertain nature of the environment within which operations managers operate.

• Work independently and as part of a group.
• Develop time and project management skills.

• Communicate and present ideas effectively by written and verbal means.

SYLLABUS

• Operations management and strategy
• Social, environmental and economic performance
• Product and service design
• Process design
• Facilities location, layout and flow
• Supply network design
• Capacity management
• Inventory management
• Planning and control
• Lean synchronisation
• Quality and operations improvement

LOCATION AND ASSESSMENT METHODS

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