



**TUS**

**Technological University of the Shannon:  
Midlands Midwest**

Ollscoil Teicneolaíochta na Sionainne:  
Lár Tíre Iarthar Láir

**[www.tus.ie](http://www.tus.ie)**

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Faculty of Engineering and Trades

Department of Mechanical and Automobile Engineering

**Differential Validation Panel, 16/06/2025**

for the

Master of Science in Process Validation and Regulatory Affairs (Medical) (Part-time)  
Postgraduate Diploma in Science in Process Validation and Regulatory Affairs (Medical)  
(Part-time)  
Master of Science in Process Validation and Regulatory Affairs (Pharmaceutical) (Part-  
time)  
Postgraduate Diploma in Science in Process Validation and Regulatory Affairs  
(Pharmaceutical) (Part-time)  
Bachelor of Engineering in Process & Engineering Management (Part-time)

## 1.0 INTRODUCTION

This report outlines, in summary form, the proceedings and findings of the differential validation visit for the proposed **Master of Science in Process Validation and Regulatory Affairs (Medical) (Part-time); Postgraduate Diploma in Science in Process Validation and Regulatory Affairs (Medical) (Part-time); Master of Science in Process Validation and Regulatory Affairs (Pharmaceutical) (Part-time); Postgraduate Diploma in Science in Process Validation and Regulatory Affairs (Pharmaceutical) (Part-time); Bachelor of Engineering in Process & Engineering Management (Part-time)**, and the findings and conclusions of the Panel held on 10<sup>th</sup> June 2025. The validation was undertaken in accordance with TUS Academic Regulations. A differential validation panel makes an independent impartial judgement on a programme proposal.

## 2.0 GENERAL INFORMATION

### 2.1 Higher Education Provider

Provider	Technological University of the Shannon (TUS)
Faculty	Engineering and Trades
Department	Mechanical and Automobile Engineering
Date of Panel	10 <sup>th</sup> June 2025

### 2.2 Programme Evaluated

Award Title	Master of Science
Programme Title	Master of Science in Process Validation and Regulatory Affairs (Medical) (Part-time)
NFQ Level	9
ECTS Credits	90
Award Class	Level 9
Delivery Mode	Part-time
Duration	2 years

Proposed Starting Date	September 2025
Contact	Mr Tony Mahon

Award Title	Post Graduate Diploma in Science
Programme Title	Postgraduate Diploma in Science in Process Validation and Regulatory Affairs (Medical) (Part-time)
NFQ Level	9
ECTS Credits	60
Award Class	Level 9
Delivery Mode	Full-time
Duration	1 year
Proposed Starting Date	September 2025
Contact	Mr Tony Mahon

Award Title	Master of Science
Programme Title	Master of Science in Process Validation and Regulatory Affairs (Pharmaceutical) (Part-time)
NFQ Level	9
ECTS Credits	90
Award Class	Level 9
Delivery Mode	Part-time
Duration	2 years
Proposed Starting Date	September 2025
Contact	Mr Tony Mahon

Award Title	Postgraduate Diploma in Science
Programme Title	Postgraduate Diploma in Science in Process Validation and Regulatory Affairs (Pharmaceutical) (Part-time)
NFQ Level	9
ECTS Credits	60
Award Class	Level 9
Delivery Mode	Part-time
Duration	2 years
Proposed Starting Date	September 2025
Contact	Mr Tony Mahon

Award Title	Bachelor of Engineering
Programme Title	Bachelor of Engineering in Process & Engineering Management (Part-time)
NFQ Level	8
ECTS Credits	240
Award Class	Level 8
Delivery Mode	Part-time
Duration	years
Proposed Starting Date	September 2025
Contact	Mr Tony Mahon

### 2.3 External Validation Panel of Expert Assessors

Name	Affiliation
Prof. Marie Parker-Jenkins - Chairperson	UL
Mr Sean Campbell	Intel

Dr. Francis Herdiman	SETU
Dr. Cathal Nolan	SETU
Ms. Aoife Kelly	Student Representative

Secretary to Panel: Dr. Sarah O'Toole, Tertiary Education Manager, TUS.  
Support to Secretary/Panel: Ms. Claire Frawley, Quality Officer, TUS

## 2.4 University Staff

<b>Name</b>	<b>Affiliation</b>
Dr. Maria Kyne	Dean of Faculty of Engineering and the Built Environment
Mr Tony Mahon	Head of Department of Mechanical and Automobile Engineering
Mr. Seamus Hoyne	Dean of Flexible Learning
Programme Team: Colm Crowe, Orlagh Doyle, Lisa Henihan, Philip Moloney, Clodagh Moore, Jim Tobin	

### **3.0 FINDINGS AND RECOMMENDATIONS OF EXTERNAL VALIDATION PANEL**

#### **3.1 Main Findings**

The External Validation Panel of Assessors recommends approval of the proposed

- **Master of Science in Process Validation and Regulatory Affairs (Medical) (Part-time)**
- **Postgraduate Diploma in Science in Process Validation and Regulatory Affairs (Medical) (Part-time)**
- **Master of Science in Process Validation and Regulatory Affairs (Pharmaceutical) (Part-time)**
- **Postgraduate Diploma in Science in Process Validation and Regulatory Affairs (Pharmaceutical) (Part-time)**
- **Bachelor of Engineering in Process & Engineering Management (Part-time)**

#### **3.2 Conditions**

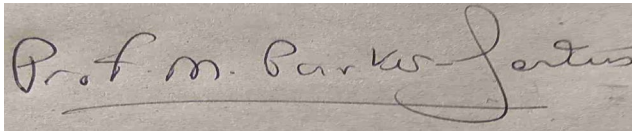
#### **3.3 Recommendations**

- 1) Review the schedule of assignments in Module Manager to ensure assignments deadlines are spread out across the semester and reduce overlap where possible.
- 2) Update the reading lists to ensure the most recent and relevant literature is referenced and provide full link details of recommended talks.
- 3) Provide an overview to potential students on the expected hours of learning required to complete the programme.
- 4) Update the documentation in the Statistics Modules to remove the reference to full attendance only.
- 5) Document the use of a 'camera on' approach for the delivery of the online modules to support and encourage student engagement with the teaching and learning strategy of the programme documentation.
- 6) Review the learning outcomes at the next programmatic review to ensure consistency in the language across the modules.
- 7) Review the assessments across the full time and online part time delivery to ensure there is consistency in meeting the learning outcome where possible.

- 8) Consider providing an overall summary of changes demonstrating the movement from the original to the differential programme.
- 9) Review documentation regarding site visit requirements.

### **3.4 Commendations and Observations**

- 1) The panel commend the team for the documentation provided and interesting and impressive syllabi which is very relevant for industry and immediately applicable.
- 2) The panel commend the team for their active and enthusiastic engagement with the TUS programme and management team.

A handwritten signature in dark ink on a light-colored, textured background. The signature reads "Prof. M. Parker-Jentus" in a cursive script. The name "Parker-Jentus" is written in a larger, more stylized font, while "Prof. M." is written in a smaller, simpler font to the left. A horizontal line is drawn under the signature.

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Signature

Date 17/06/2025