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Institiúid Teicneolaíochta Leitir Ceanainn  
Letterkenny Institute of Technology

**School/Department:** Computing

**Date:** 3 April 2019

**Title of the Programme:** MSc in Computing in Artificial Intelligence Research

**Chairperson:** Mr Terry Twomey VP Academic Affairs & Registrar, LIT

**Members of the Panel:** Celia O'Hagan, Mike McTear, Ailish Mc Kiernan and Louise Crotty.

**Secretary:** Dr George Onofrei

**LYIT Staff:** Thomas Dowling; Connolly James; Furey Eoghan; McKelvey Nigel; Leeney Mark

### **Criteria for the Validation of a New Programme**

1. The Programme Aims and Objectives are clear and consistent with the Award sought.
2. The Programme concept, implementation strategy are well informed and soundly based.
3. The Programme's Access, Transfer and Progression arrangements are satisfactory.
4. The Programme's written curriculum is well structured and fit for purpose.
5. There are sufficient qualified and capable programme staff.
6. There are sufficient physical resources to implement the programme as planned.
7. The learning environment is consistent with the needs of the programme learners.
8. There are sound Teaching, Learning and Assessment Strategies.
9. Learners enrolled on the Programme will be well informed, guided and cared for.
10. The Programme will be well managed.

(For the attention of the Academic Council)

**Commendations:**

1. The panel commends the Programme Board for their vision to reach out to the education community to promote artificial intelligence research.
2. The panel commend the team on the readability and quality of documentation.
3. The panel were impressed by the level of preparation and engagement from the Programme Team; and that the programme had been well thought through.

The Panel of Assessors advises the Academic Council that the Institute and the School/Department should take cognisance of following recommendations:

1. Machine learning module: - consider include deep learning into the content of the module. Review the learning outcomes to ensure constructive alignment across all learning outcomes (particularly mapped to the assessment strategy). Consider using verbs such as “create” or “design” to reflect the master level of the module.

**Response from the Department of Computing to Recommendations**

As this module is currently validated and shared with the MSc in Big Data Analytics and the MSc in Big Data Analytics and Artificial Intelligence the provisional course board feel that it would be problematical to change it at this time. However we have noted the recommendation and the Provisional Course board has agreed that this change will be implement at the next School Review when all of the courses will be revalidated.

The Panel of Assessors advises the Academic Council that approval of the programmes subject to general conditions of approval together with the following additional conditions:

n/a

**PART 4 PROPOSED PROGRAMME SCHEDULE(S)**

**MSc in Computing in Artificial Intelligence Research**

**Proposed Programme Schedule – Year 1 Full-Time / Part-time**

Name Of Provider: Letterkenny Institute of Technology  
 Title Of Award: Certificate in Artificial Intelligence  
 MSc in Computing in Artificial Intelligence Research  
 Area Of Specialisation: Artificial Intelligence Research  
 Learning Mode Offered: Full-time / Part-time  
 Stage: Award  
 Date Effective: September 2019

Semester	Title of examination subject	Subject status	ECTS credits		Total Hours				Allocation of marks				
			Level	Number	L/T	P	Independent Learning	Total	CA	Project	Practical	Final	Max
1	Artificial Intelligence 1	M	9	10	26	26	198	250	50	-	-	50	100
1	Machine Learning	M	9	10	26	26	198	250	50	-	-	50	100
2	Artificial Intelligence 2	M	9	10	26	26	198	250	100	-	-	-	100

**Total ECTS credits required for stage: 30**

### Proposed Programme Schedule – 1 Year Full-Time / 2 Years Part-time

Name Of Provider: Letterkenny Institute of Technology  
 Title Of Award: MSc in Computing in Artificial Intelligence Research  
 Area Of Specialisation: Artificial Intelligence Research  
 Learning Mode Offered: Full-time  
 Stage: Award  
 Date Effective: September 2019

Semester	Title of examination subject	Subject status	ECTS credits		Total Hours				Allocation of marks				
			Level	Number	L/T	P	Independent Learning	Total	CA	Project	Practical	Final	Max
2-4	Dissertation	M	9	60		5 2	144 8	1500		100	-		100

**Total ECTS credits required for stage: 60**

#### Special Regulations:

The Dissertation topic must be consistent with the overall Programme Learning Outcomes.



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Programme Evaluation Report Approved by:

*Terry Twomey*

Terry Twomey

Chairman to Panel

(VP, Academic Affairs and Registrar, Limerick Institute of Technology)

Date 20/5/2019

*Billy Bennett*

Billy Bennett

(VP for Academic Affairs and Registrar, Letterkenny IT)

Date 20/5/19.

Note: It is Institute policy to publish the Final Reports of the Panel of Assessors

