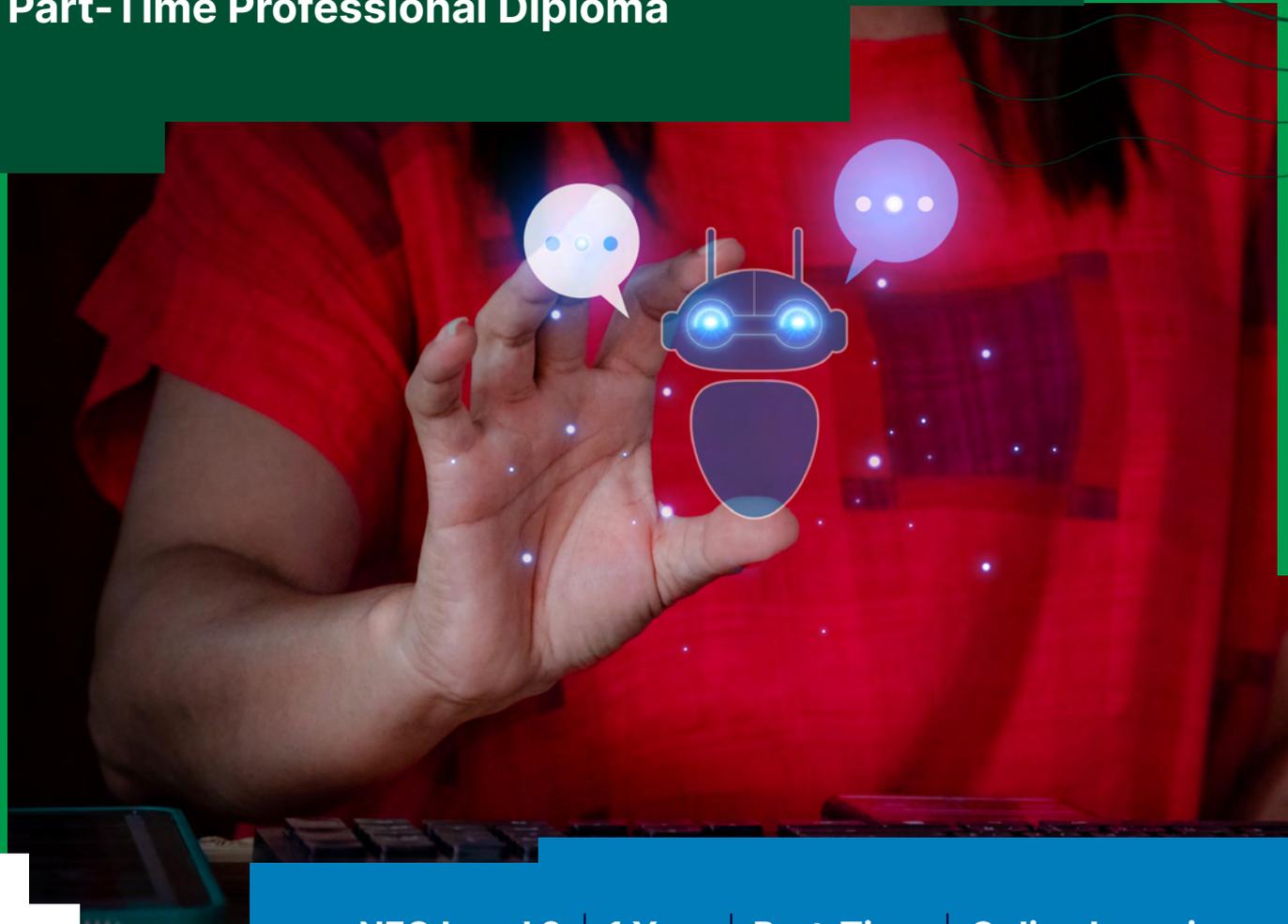


Faculty of Science and Engineering

# Natural Language Processing

Part-Time Professional Diploma



NFQ Level 9 | 1 Year | Part-Time | Online Learning

With the growing amount of data in digital form, skills in Natural Language Processing have become crucial for businesses to extract insights from written and spoken human language. For example, Generative AI, such as ChatGPT, is causing a stir in industry, both in its challenges and opportunities.

This Professional Diploma is co-designed with industry to introduce you to the fundamentals of NLP and discover the newest developments based on recent advances in deep learning. On completion, you'll be equipped with how to:

- Explore natural language processing frameworks to understand their core features and usability.
- Design code to implement solutions to a range of NLP-related problems in your workplace.
- Use the right technologies, frameworks, and platforms to build natural language processing solutions that work well.

#### EXPLORE THE COURSE MODULES:

- Introduction to Natural Language Processing
- Future-Focused Professional Portfolio 1 & 2
- Information Retrieval
- Advanced Natural Language Processing
- Natural Language Understanding

#### THIS PROGRAMME IS FOR YOU IF YOU:

- Wish to deep dive into this specialist field for the expansive career opportunities it presents.
- Are an engineer who wants to learn the latest deep learning and natural language processing technology.
- Are a graduate of a Computer Science or IT programme who wants to specialise in this space; or a software developer, data analyst, or language specialist who wants to upskill in the field of NLP.

Take your curiosity one step further; find out more.

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