



## Postgraduate Diploma in Information Technology (PGDIT)

**Course Code:** NIP101

**Awarding Body:** NCFE

**Duration:** 06 Months Fast-Track  
12 Months Full-Time  
24 Months Part-Time

NCFE is a UK National Awarding Body established in 1848 and is recognised as an Awarding Body by the Qualifications and Curriculum Authority (QCA) in England, the Council for Curriculum, Examinations and Assessment (CCEA) in Northern Ireland, and the Qualifications, Curriculum and Assessment Authority for Wales (DELLS).

### Introduction

The Postgraduate Diploma in Information Technology (PGDIT) aims to educate, develop and enhance professional competence in students and professionals who aim to build and expand their information technology skills through a structured programme of study which would enable them to understand the underlying theory and practice of Information Technology and its associated components.

The programme will prepare students to contribute towards the strategic position and development of their organisations through effective use of IT infrastructure. The focus is on the theory and practice of information technology, programming skills, analytical and diagnostic techniques, and the integrated nature of software engineering, programming, networking, security, databases, systems analysis and information environments within which an IT professional operates.

### Course Aims

The main aim of the course is to:

- ❖ Give advanced knowledge and skills to the students, in the specialist field of information technology and provide them with the ability to apply them;
- ❖ Widen students’ skills in the communication of information and ideas;
- ❖ Develop students’ software engineering and programming skills;
- ❖ Increase students’ ability to apply relevant programming skills and techniques in the completion of software projects;
- ❖ Enhance intellectual and practical skills via the analysis and evaluation of information technology systems design;
- ❖ Enable students’ ability to understand the concepts of network operation, design and security;
- ❖ Develop ability to carry out applied research in web technologies and to integrate it with practice.
- ❖ Enhance the students’ lifelong learning skills, continuing personal and professional development so as to enable them to work with self-direction and originality as thinking performers, thus contributing to the business performance and society as a whole.

### Course Market

The course is aimed principally at providing a Masters level qualification for the following markets:

- ❖ Information Technology professionals wishing to update and extend their technical knowledge and capabilities;
- ❖ Information Technology professionals wanting to increase their skills (and marketability) in the management of information technology;
- ❖ Information Technology professionals who wish to develop their knowledge and capabilities in research and practice;
- ❖ Those who wish to gain a professional qualification to enhance or change their career prospects;
- ❖ Professionals seeking to enhance existing skills if already employed in such areas;
- ❖ Graduate/professional students seeking progression to a postgraduate qualification;
- ❖ Overseas students seeking to gain an international professional qualification in finance in the United Kingdom.

### Course Structure

The syllabus is made up of Eight modules of 15 credits each, totalling to 120 credits for the overall course.

The PGDIT will be awarded on successfully completing all eight modules.

NIT202	Programming Skills
N IT251	Software Engineering Principles
NIT311	Relational and Object-Oriented Database Systems
NIS001	Management Information Systems
NIT505	Network Design and Operation
NIT415	Web Technologies
NIT511	Network Security Concepts
NIT141	Systems Analysis and Design

## Duration

- ❖ 06 Months Fast-Track
- ❖ 12 Months Full-Time
- ❖ 24 Months Part-Time

The overall duration of the course is 480 Guided Learning Hours and 1200 Notional Learning Hours.

Fast-Track students are required to dedicate huge amount of time and efforts every week. Students have to complete all the eight modules within six months duration. They will have to submit their assignments and undergo exams.

Full-Time course is divided into two terms of six months each. Students have to study four modules per term and will have to undergo exams at the end of each term apart from submitting their assignments.

Part-Time students can study one or more modules at a time during each six months term. The overall eight modules have to be completed within 24 months. Students will have to undergo exams at the end of each term apart from submitting their assignments.

## Assessment

The goal of assessment is to judge whether the desired level of performance has been achieved in relation to both teaching and learning. Criteria are developed by analyzing the learning outcomes and identifying the specific characteristics that contribute to the overall module contents.

<b>Criteria</b>	<b>Weighting %</b>
Assignment and/or Presentation	30
Written Exam**	70
TOTAL	100

Students MUST score the minimum 40% marks in EACH of the criteria. Failing to attempt even one of the above criteria would result in subsequent failure in the module.

\*\* The Exam Paper will carry 100 marks. This will then be proportionately converted into 'out of 70' while rewarding the scored marks.

## Entry Requirements

### Applicants WITH Standard Qualifications

Candidates must satisfy the following admissions criteria for gaining entry to the Programme:

#### a) Previous Qualification:

- An Honours Degree from a British University or equivalent institution;
- or
- An equivalent graduate level qualification from an overseas university or equivalent institution;
- or
- A graduate level professional qualification in Computer Science or Information Technology;
- or
- Advanced/Higher Diploma in Computer Science or Information Technology from recognised awarding bodies, plus normally in each case relevant working experience.

#### b) Prior Experience:

Students should have a minimum 2 years relevant work experience, although this need not necessarily be continuous, and may have been undertaken on a voluntary or unpaid basis.

### Applicants WITHOUT Standard Qualifications

NLC welcomes applications from persons with certificated learning or who have had a significant amount of relevant working experience and who are able to demonstrate that they will be able to study effectively at Masters level.

Some applicants may be interviewed by the Course Leader or a member of the teaching team and/or be required to submit a 1000 word essay on a selected aspect of Information Technology.

### English Language Requirements for International Students

International students' whose first language is not English, must be able to furnish satisfactory evidence of an appropriate level of attainment in English Language commensurate with study at Masters level. In most cases, this will be a minimum TOEFL score of 575 or IELTS score of 6.0 or an equivalent certification.

## Exemptions

This programme does not offer any exemptions to the students

## Progression

The qualification is at Level-7 and can be accredited by Universities as a minimum of half to two-thirds of a Master's Degree programme, but it would be at the discretion of individual university.