



NATIONAL OPEN UNIVERSITY OF NIGERIA

Outlined Programme Proposal (OPP)

for

Post-Graduate Diploma in Information Technology

in the

Faculty of Computing

Senate Approved

1.0 Name of the Programme

The title of the proposed programme is Post Graduate Diploma (PGD) Information Technology.

Programme Code: 5305

2.0 Entry Requirements

- i. Have at least credit level passes in five (5) subjects at the Senior Secondary Certificate or its equivalent NECO, GCE 'O' level, NABTEB or TC II 'O' level examinations. The credit level passes must include English language, Mathematics and Physics to form the core subjects and any other two (2) credit level passes from Chemistry, Biology/Agric, Further Mathematics and Computer Studies taken from a maximum of two (2) sittings.
- ii. A minimum of a third class of first degree from a recognised university in any Computing-related fields/other Science and Engineering-related fields as stated below in addition to (i) above.

Note:

Computing-related fields

Computing-related fields from recognized institutions include Computer Science, Data Management, Information Technology, Mathematics, Maths and Statistics, Statistics, Computer Engineering, Electrical/Electronic Engineering, Electrical Engineering, Cybersecurity, Artificial Intelligence, Data Science, Software Engineering, Communication Technology, Physics Electronics, Physics with Mathematics, System Engineering, Computer with Mathematics

Other Science and Technology-related fields:

Other Science and Engineering-related fields from recognized institutions include Statistics, Data Management (From Faculty of Computing), Electrical Engineering, Physics Electronics, Physics with Mathematics, Mechanical Engineering, Agricultural Engineering, Chemical Engineering, Metallurgical Engineering, Civil Engineering and other Science and Technology/Engineering related fields

3.0 Aims and Objectives

3.1 Aims

The PGD programme in Information Technology is one of the few NOUN's most attractive postgraduates programmes, aimed at meeting the Information Technology needs of our high level management personnel in the private and public sectors. The programme equally aims at preparing interested candidates towards pursuing academic programme in Information Technology.

3.2 Objectives of the Programme

By the end of the PGD Information Technology programme, students should be able to:

- Demonstrate basic skills in various computer applications and working within various platform
- Use and set up various latest multimedia computing and communication devices.

- Demonstrate competent skills in exploring various tools on the internet.

4.0 Programme Structure and PGD Rules

Duration of the Programme

Students pursuing PGD programme in Information Technology must complete at least 35 credits to satisfy the University's regulations.

17 Credits from table 1 (first semester course)

18 Credits from table 2 (second semester courses)

The core courses listed in Table 1 are designed to provide students with an in-depth knowledge of Information Technology.

The courses listed in Table 2 allow students to broaden their knowledge and skills, hence assisting them to operate more effectively.

4.1 Outline of Course Structure

OPP PGD Information Technology

1st Semester

Course Code	Course Title	Unit(s)	Status
GST707	A Study Guide for the Distance Learner	2	C
CIT701	Foundation of Information and Communication Technology	3	C
CIT703	Information Technology and Software Development	3	C
CIT753	Introduction to Internet	3	C
CIT711	Computer Fundamentals	3	E
CIT759	Micro Computing and WWW	2	E
CIT721	Information System Design and Programming	3	E
CIT735	Application Software Design and Multimedia	3	C
	Total Core	14	
	Total Electives	8	
	Total Credit Units	22	

2nd Semester

Course Code	Course Title	Unit(s)	Status
CIT722	Computer Networks	3	C
CIT734	Object-Oriented Technology	3	E

CIT736	Computer Programming	2	C
CIT742	Multimedia Technology	3	E
CIT756	Operations Research	2	C
CIT752	Operating System Concepts	2	C
CIT799	Project	6	C
	Total Core	15	
	Total Electives	6	
	Total Credit Units	21	

Overall Compulsory Courses = 29

Overall Electives = 14

Total = 43

N/B: PGD Students must pass ALL compulsory courses and minimum of 6 credits from elective courses.