

**UNIVERSITY OF NIGERIA, NSUKKA**  
**FACULTY OF THE SOCIAL SCIENCES**  
**DEPARTMENT OF SOCIAL WORK**

**BENCHMARK/MINIMUM ACADEMIC STANDARDS FOR**  
**POSTGRADUATE PROGRAMMES IN SOCIAL WORK**

### **1.1 Introduction**

Social problems are on the increase in Nigeria. Some of these social problems are new (Examples; Terrorism, Migration, Kidnapping, Displacement etc) and so ways of dealing with them are not readily known. Therefore there is an increasing need for human service personnel who can help tackle these problems and lessen the effect on the people. Consequently, there will be rise in the demand for social workers who will be in a position to work with people who are affected by these social problems. Expanded career opportunities in social work are envisaged in Nigeria as in other developing countries. Social workers have opportunities to positively influence the lives of citizen. Employment opportunities for graduates in social work exist in Community Organization, Human Services, Healthcare Facilities, Federal, States, Local Governments, NGOs, Academia and other Educational and Research Settings. Other employment opportunities include business, industry and professional organizations.

The Department offers postgraduate programmes leading to the award of Postgraduate Diploma (PGD) in Social Work, Master of Science (M.Sc) in Social Work and Doctor of Philosophy (PhD) degree in Social Work.

### **1.2 Philosophy**

The underlying philosophy the Postgraduate Diploma (PGD) programme, Master of Science (M.Sc), and Doctor of Philosophy (PhD) programme in Social Work at the University of Nigeria is to produce academics and practitioners equipped with appropriate knowledge, attitude, skills, and competencies to effectively address issues and challenges that come with social problems in Nigeria and globally. It is also a way of producing individuals who are well-grounded in social work concepts, theories, and the methodology needed to analyse and proffer solutions to social problems at the local and global levels; and whose contributions to knowledge and learning will help to fulfil the promise of Social Work practice in Africa and the rest of the world for progressively engendering better human society.

### **1.3 Objectives**

In line with wider objectives of University of Nigeria and the current benchmark of the Nigeria Universities Commission, the Postgraduate (PG) programmes in Social Work are designed to produce academics and practitioners equipped with appropriate knowledge, attitude, skills, and competencies to effectively address issues and challenges that come with social problems in Nigeria and globally. The general objective of the Department is to produce students who can apply social work knowledge and theories in practice situation.

Specifically, the objectives of the postgraduate programmes in Social Work are:

- a) To produce graduate who are well grounded in theories and practice of Social Work

- b) To produce graduate with ability to expand the frontier of knowledge as they relate to Social Work.
- c) To produce graduates with the ability to apply knowledge in ameliorating the effect of social problems on individuals
- d) To produce students with adequate knowledge and skills not only in general social work practice but in specialized areas of practice

## **2. GENERAL REGULATIONS**

### **2.1 Postgraduate Diploma (PGD) Programme**

#### **2.1.1 Admission**

##### **(a) Admission Requirements**

The criteria for admission into the postgraduate-diploma programme are as follows.

- i. Candidate must satisfy the matriculation requirements of the University, including English Language.
- ii. A minimum of third-class (Hons.) Bachelor's degree in Social Work or a related discipline awarded by an approved and accredited university.
- iii. Higher National Diploma (HND) at the lower Credit level or equivalent professional qualifications cognate to Social Work from a recognized institution.
- iv. Degree holders from other disciplines from recognised universities

##### **(b) Areas of Specialization**

There is no area of specialization in postgraduate Diploma (PGD).

##### **(c) Duration of Programme**

- a. Full-time PGD shall run between 2 (minimum) and 4 (maximum) semesters for the postgraduate diploma
- b. The part-time PGD shall run for a minimum of four (4) semesters and a maximum of six (6) semesters.

##### **(d) Requirements for Graduation**

A Candidate must have fulfilled the following conditions to be awarded the Post Graduate Diploma (PGD)

The candidate must pass a minimum of 36 credit units made up of the following:

- 30 units of core courses
- 6 units of project

##### **(e) Domiciliation of the Programme**

The postgraduate diploma programme shall be domiciled in the Department of Social Work, University of Nigeria, Nsukka.

**(f) Students' Enrolment**

The Postgraduate Diploma (PGD) admission is not more than 40% of postgraduate enrolment of the Department in any academic session.

**2.2 Master of Science (M.Sc.) Programme**

The Department offers Master of Science (M.Sc.) degree programmes in Social Work.

**2.2.1. Areas of Specialization**

Candidates can specialize in any area of specialization available in the department and where supervisors are available. They include:

- (1) Social Gerontology
- (2) Community Development
- (3) Medical Social Work
- (4) Social Policy/Industrial Social Work
- (5) Social Work Administration
- (6) Family Social Work
- (7) Psychiatric Social Work
- (8) Clinical Social Work
- (9) School Social Work

**2.2.2 Admission****(a) Admission Requirements**

The criteria for admission into the M.Sc. programmes are as follows:

- i. Candidates must satisfy matriculation requirement of the University including mathematics and English language.
- ii. Candidate must have a minimum of second class (lower division) Bachelor's degree in social work from an approved university, or a postgraduate diploma with a CGPA of not lower than 3.5 on a 5-point scale, or its equivalent, from an accredited university.
- iii. Candidates with a PGD at credit level pass (i.e. 3.5 on a 5point scale) or 60% on weighted percentage average.

**(b) Duration of Programme**

A full-time MSc programme of the Department runs for a minimum of four semesters and a maximum of six semesters. The part-time programme runs for a minimum of six semesters and a maximum of eight semesters. For extension beyond the specified maximum period, special permission of the Board of School of Postgraduate Studies shall be required.

**(c) Requirements for Graduation**

The candidate must pass a minimum of 48 credit units made hours made up of the following:

- 30 units of core courses
- 12 units of elective courses

- 6 units of project (a student go through a proposal and if successful, carry out research in any area of specialization after which he/she must submit an acceptable project of 6 credit units)

#### **(d) Domiciliation of the Programme**

All Masters Programmes are domiciled in the Department of Social Work, University of Nigeria, Nsukka.

#### **(f) Student Enrolment**

Student enrolment into the M.Sc. programme of the Department of Social Work, University of Nigeria, Nsukka are determined by the carrying capacity of the department subject to availability of supervisors.

### **2.3 Doctor of Philosophy Programme**

The Department offers Doctor of Philosophy (Ph.D.) degree programmes in Social Work.

#### **2.3.1 Areas of Specialization**

The core areas in which candidates may specialize are:

- (1) Gerontology
- (2) Community Development
- (3) Medical Social Work
- (4) Social Policy
- (5) Social Work Administration
- (6) Family Social Work
- (7) Psychiatric Social Work
- (8) Clinical Social Work
- (9) School Social Work

#### **2.3.2 Admission**

##### **(a) Admission Requirements**

The criteria for admission into the Ph.D. programme are as follows.

- Candidate must satisfy the matriculation requirements of the University, including English Language and Mathematics.
- Candidate must have a minimum of Master's degree in social Work, depending of the specialization the candidate aspires to, from an approved university, with a CGPA of not lower than 3.5 on a 5-point scale, or equivalent, from an accredited university.
- Candidate must demonstrate adequate intellectual capacity, maturity and effective decision making and problem-solving potentials.
- Candidate must write a concept proposal of not less than five A-4 pages in his/her area of specialization.
- For Candidate to be eligible for Ph.D. admission, he or she must have scored nothing less than a 'B' in his/her dissertation.

**(b) Duration of Programme**

A full-time Ph.D. programme of the Department runs for a minimum of six semesters and a maximum of ten semesters.

A part-time Ph.D. programme of the Department runs for a minimum of eight semesters and a maximum of twelve semesters.

For extension beyond the specified maximum period, a special permission of the Board of Postgraduate Studies is required.

**(c) Requirements for Graduation**

For a candidate to graduate, he/she must pass a minimum of forty-five credit units made of the following:

- 21 units of course work
- 12 units of elective courses
- A candidate shall present at least one seminar, submit and defend a thesis proposal.
- 12 units from thesis.
- A candidate must attend a national or international conference, where he or she will present his/her work; and the candidate must publish his/her work in an Impact Factor (recognized by the University) journal to be eligible for graduation.
- A candidate must as part of the minimum credit units take the course PGC. 701 – Synopsis and Grant Writing, and attend a solution-based interactive workshop to be organized by the School of Postgraduate Studies for a practical demonstration and application of the knowledge acquired (from the course, PGC. 701).

**(d) Domiciliation of the Programme**

All Doctoral Programmes are domiciled in the Department of Social Work, University of Nigeria, Nsukka.

**(e) Student Enrolment**

Student enrolment into the Ph.D. programme of the Department of Social Work, University of Nigeria, Nsukka are subject to the carrying capacity of the Department.

**3. ACADEMIC STANDARDS****3.1.1 Academic Regulations****(i) Academic session**

An academic session shall consist of two semesters. Each semester shall normally comprise of 15 weeks of teaching and two weeks of examinations

**(ii) Modular system**

All Masters programmes run on a modularized system, commonly referred to as course unit system. All courses are sub-divided into more or less self- sufficient and logically consistent packages that are taught within a semester and examined at the end of that particular semester. Credit units are attached to each course.

**(iii) Definition of credit unit**

Credit units are weights attached to a course. One credit unit is equivalent to one hour per week per semester of 15 weeks of lectures.

**(iv) Course nomenclature**

All first semester courses shall end with odd numbers while second semester courses shall end with even numbers

**(v) Stress Areas**

Foundation Courses	0
Social problem, policy and legislation	1
Human behaviour and the social environment	2
Social work intervention techniques and practice	3
Field work and areas of practice	4
Community development/organisation	5
Research Project	6

**3.2.2 Programme Requirements****Registration procedure**

Students will complete registration for courses for the semester not than two weeks after the start of the semester. A student cannot withdraw from a course after five weeks of lectures in a given semester without permission from the Dean, School of Postgraduate Studies. A student who withdraws after this time or who fails to seek for permission from the Dean shall be deemed to have failed that course. A student who fails to sit for more than two courses at the end of a given semester shall be deemed to have withdrawn voluntarily from the programme.

**3.2.3 Good Standing**

To be in good standing, a student must in each semester have a cumulative Grade point of Average (CGPA) of not less than 3.00.

**3.2.4 Withdrawal**

Candidates with less than 3.00 CGPA shall remain in the programme for the 1<sup>st</sup> semester but shall be withdrawn if he/she fails to attain 3.00 CGPA at the end of the second semester.

**3.2.5 Attendance**

In order to be eligible for examination in a particular course, a student shall have attended a minimum of 75% of the total periods of formal instructions delivered for the course.

**3.2.6 Course Evaluation**

In the Masters Programmes, assessment of student's achievements shall be based on:

- (i) Course examination
- (ii) Term papers/seminars
- (iii) Other assignments

**3.2.7 Continuous Assessment**

Continuous assessment shall be done through essays, tests, tutorial exercises, quizzes and homework.

- Scores from continuous assessment shall constitute 30% of the final marks for courses which are primarily theoretical and not field work courses

### 3.2.8 Examination, Grading Procedures & Results

#### (i) Examinations

- a) In addition to continuous assessment, final examination shall be given for every Course at the end of every semester.

- b) The total scores obtainable for every course (except for field work practice) continuous assessment and final examination is 100%

Continuous assessment                      30%

Final examination                              70%

Total    100%

Each course shall normally be completed and examined at the end of the semester in which it is offered.

- c) Field practicum shall be the reverse

Continuous assessment (Field visit)        70%

Final examination                                30%

Total    100%

#### (ii) Pass Mark

The minimum mark in any course shall be 50%

## 4. GRADING SYSTEM

Grading of courses shall be done by a combination of percentage marks and letter grades translated into a graduated system or grade point equivalents (GPE). For the purpose of determining a student's standing at the end of every semester, the GPA system shall be used. The GPA is computed by dividing the total number of credit points (TCP) by the total number of units (TNU) for all the courses taken in the semester. The credit point for a course is computed by multiplying the number of units for the course by the grade Point Equivalent of marks scored in the course. Each course shall be graded out of a maximum of 100 marks and assigned appropriate Grade point equivalent.

Credit units (a)	% scores (b)	Letter grades (c)	Grade points (GP) (d)	Average (GPA) (e)

Vary according to contact hours assigned to each courses per week per semester, and according to load carried by students	70-100	A	5	Derived by multiplying (a) and (d) and dividing by Total Credit Units
	60-69	B	4	
	50-59	C	3	
	45-49	D	2	
	40-44	F	1	

### (c) External-Examiner System

An external examiner is invited at the end of the PGD, M.Sc and PhD programmes to assess the courses and projects. The external examiner is an academic in the relevant discipline that is not less than senior lecturer's rank and who holds a Ph.D in the discipline.

The project shall be subject to oral examination where the student is required to show evidence that he/she carried out the work and had pertinent knowledge of the subject matter. A score is awarded at the end of the examination.

### (d) Postgraduate Diploma Classification

The determination of the PGD class for candidates is based on the Cumulative Grade Point Average (CGPA) earned at the end of the programme.

Distinction .....	4.50 - 5.00
Upper Credit .....	4.00 - 4.49
Lower Credit .....	3.50 - 3.99
Merit .....	3.00 - 3.49
Fail .....	0.00 - 2.99

## 5. LIST OF COURSES

### LIST OF COURSES FOR PGD PROGRAMME IN SOCIAL WORK

#### First Semester

Course Code	Course Title	Units
SWK501:	Social Work Research Methods	3
SWK505:	Generic Practice Skill in Social Work	3
SWK571:	Field Work Practice I	3
SWK570:	Philosophy of Social Work	3
SWK503:	Community Development Theory	3
<b>Total</b>		<b>15</b>

#### Second Semester

Course Code	Course Title	Units
SWK 504	Development of Social Work in Nigeria	3
SWK 502	Models of Intervention in Social Work	3
SWK500:	Social Work Theory	3
SWK508:	Community Development Process	3



SWK572:	Field Work Practice II	3
SWK 560	Research Project	4
<b>Total</b>		<b>19</b>

## **LIST OF COURSES FOR MSC PROGRAMME IN SOCIAL WORK**

### **Core courses**

#### **M.Sc. (Social Work)**

##### **First Semester**

<b>Course No.</b>	<b>Course Title</b>	<b>Units</b>
SWK 603	Advanced Social Research Methods	3
SWK 605	Conflict Management	3
SWK 607	Advanced Generalist Social Work Practice	3
SWK 609	Philosophical Perspectives in Social Work	3
SWK 641	Social Work Field Practice 1	3

##### **First Semester Electives**

**Students are expected to register six (6) units in their area of specialization**

<b>Course code</b>	<b>Course Title</b>	<b>Units</b>
SWK 631	Social work Ethics and Values	3
SWK 643	Social Work with Older Adults	3
SWK 645	Social Work Intervention with Families	3
SWK 615	Social Work Administration	3
SWK 617	Social Work Supervision	3
SWK 651	Approaches to Community Development (Traditional and Modern)	
SWK 647	Social Work with the Challenged	3
SWK 611	History of Social Work and Social Legislation	3
SWK 617	Social Work Supervision	3
SWK 619	Social Policy and Planning	3
SWK 633	Legal Issues in Social Work	3
SWK 645	Social Work Intervention in Correctional Institution	3

### **Core courses**

#### **M.Sc. (Social Work)**

##### **Second Semester**

SWK 604	Advanced Theory and Models of Treatment	3
SWK 608	Social Work Intervention	3
SWK 642	Social Work Field Practice 11	3
SWK 652	Community Development Process	3
PGC 601	Use of ICT/ Workshop on Research Methods	3
SWK 616	Seminar in Project Findings	3
SWK 660	Master's Project	6

**Second Semester Electives**

**Students are expected to register six (6) units in their area of specialization**

<b>Course code</b>	<b>Course Title</b>	<b>Units</b>
SWK 632	Social Policies for Older Adults and the Challenged	3
SWK 634	Social Work with Groups	3
SWK 654	Women in Community Development	3
SWK 656	Community Organization and Mobilization	3
SWK 622	Alcoholism and Drug Addiction	3
SWK 640	Industrial Social Work	3
SWK 638	Advanced Rehabilitation in Social Work	3
SWK 647	Social Work with the Challenged	3
SWK 644	Social Work with Children and Youth	3
SWK 648	Social Work in School	3

**LIST OF COURSES FOR PHD PROGRAMME IN SOCIAL WORK****Core Courses****First Semester**

<b>Course No.</b>	<b>Course Title</b>	<b>Units</b>
SWK 703	Advanced Social Research Methods	3
SWK 751	Advanced Community Organization and Development	3
SWK 743	Special topics in area of specialization	3
SWK 741	Social Work Field Practice I	3
PGC 701	Synopsis and Grant Writing	3

**Second Semester**

SWK 702	Advanced Theory and Models of Treatment	3
SWK 704	Seminar in Generalist Social Work Practice	3
SWK 742	Social Work Field Practice II	3
SWK 744	Theoretical orientations in area of specialization	3
SWK 761	Seminar in Research Findings	3
SWK 760	Doctoral Dissertation	12

**Electives**

**Students are expected to register six (6) units in their area of specialization**

**Area of specialization (This can be in the first or second semester)**

<b>Course code</b>	<b>Course Title</b>	<b>Units</b>
SWK 718	Advanced Social Work Practice with Older Adults and Families	3
SWK 716	Advanced Intergroup Relations and Conflict Management	3

SWK 717	Advanced Community Development Practice	3
SWK 723	Advanced Rehabilitation in Social Work	3
SWK 726	Advanced Industrial Social Work	3
SWK 714	Advanced Social Policy, Planning and Administration	3
SWK 715	Advanced Family, Child and Youth Development	3
SWK 719	Advanced Social Work and Corrections	3
SWK 723	Advanced Rehabilitation in Social Work	3
SWK 724	Advanced Medical and Psychiatric Social Work	3
SWK 725	Advanced Substance/Drug Abuse	3
SWK 727	Advance School Social Work	3

## 6. COURSE DESCRIPTION

### **SWK 501 Social Work Research Methods 3 units**

Problems and issues of scientific methodology in the Social Sciences will be highlighted. Scientific principles basic to social work research will be examined. The issue of qualitative and quantitative techniques in African research will be discussed. Students learn how to formulate problems and hypotheses, develop research designs and methodology, carry out research, data collection and organization, analysis, interpretation and research report. Research techniques appropriate to the fields of social work statistical methods-correctional measures, analysis of variance, and regression.

### **SWK 503 Community Development Theory 3 units**

The course provides student social work of Postgraduate Diploma level with the theoretical knowledge of community development practice. The course highlights major community development theories that will guide the social worker in the community. Basic concepts in community development, Historical development of community development initiative. Identifying and meeting community needs. Application of community development theories to practice, group dynamics and various community groups educational enlightenment

### **SWK 500 Social Work Theory 3units**

Basic theories in the practice of social work; its philosophy, purpose and methods; professional intervention through various tools and techniques of social work appropriate to the Nigerian situation; case-work, community action, problem solving. Some basic theories in Social Work like Systems Theory, Role Theory and Sociological Theories. Finally, models of social work practice such as problem-solving, psychosocial, the functional, behavioural therapy, crisis intervention, the four systems model, task centered model, the unitary approach, the health belief model, rational choice model among others will form the basis of discussion. Approaches to social group work and community development will also be presented and discussed.

### **SWK 502 Models of Intervention in Social Work 3units**

The course examines the traditional intervention approaches that social workers adopt in treatment viz include case work, group work, community approach, it further examines modern intervention approaches used in the treatment of cases. The course should provide opportunities for students of social work to refine social work skills and to acquire new ones; small group leadership, chairing meetings, interviewing, reporting and recording activities, community assessment and community organizing as skills.









**SWK 632 Social Policies on the Older Adults and the Challenged 3units**

The problems of aging and disability. Critical examination of public policies on older adults and the challenged in Nigeria and other countries. Appropriate policies to integrate the elderly and the handicapped in the society and help them live self-fulfilling live-through community based services.

**SWK 654 Women in Community Development 3units**

It examines the place and conditions of women to community development. It also examine the problems they experience and strategies for empowering them.

**SWK 622 Alcoholism and Drug addiction 3units**

A basic orientation to alcoholism as a problem requiring various intervention. Strategies to implement services to deal with alcoholics and their families.

**SWK 656 Community Organization Mobilization 3units**

The theory and practice of community organization concerned with social change. The nature and functions of organizations, communities and social linkages. The organizing processes in the introduction of desired social change in the rural and urban settings.

**SWK 661 Seminar in Research Findings 3units**

The student is expected to present a seminar on the major issues of the research project highlighting what is the project is all about.

**SWK 660 Master's Project 4 units**

The students writes a master's project starting with a proposal that will be presented to the Postgraduate board under the guidance of an approved supervisor.

**PGC701 Synopsis and Grant Writing 3units**

Identification of types and nature of grant and grant writing; mining of grants application calls on the internet. Determining appropriate strategy for each grant application. Study of various grant application structures and contents and writing of concept notes, detailed project description, budgeting and budget defence. Study of sample grant writings in various forms and writing of mock research and other grants. Identification of University of Nigeria synopsis structure and requirements (Introduction, Methodology and Results). Determining the content of each sub-unit of the synopsis. Steps in writing of synopsis from the Dissertation/Thesis document. Structural and language issues. Common errors in synopsis writing and strategies for avoiding them. The roles of the student and the supervisor in the production of a synopsis. Writing a mock synopsis. All registered PhD students must attend a solution-based interactive workshop to be organized by the School of Postgraduate Studies for a practical demonstration and application of the knowledge acquired from the course, conducted by selected experts.

**SWK 703 Advanced Social Work Research Methods**

The course provides advanced social work students with the conceptual and methodological skills needed to become competent social work researcher. It explores basic design issues and relates them to specific survey research skills such as sampling, questionnaire construction.



Measurement and data collection issues. It explores alternative research design besides survey. It also emphasizes the relationship between research design and methods of casual references. Alternative data analysis strategies are presented.

**SWK 751      Advanced Community Organization and Development**

Theoretical and practice understanding of the nature, functions, and operation of social organization and communities.

**SWK 741      Social Work Field Practice 1**

The student engages in field work practice where he treats cases assigned. The course offers the student an educational experience in a social service agency under the supervision of a qualified professional. The purpose of the course is to integrate materials gained in academic course with practice in the field. At the end of the placement, the student will be expected to submit a field practicum report to the Department using a departmental format.

**SWK 743      Special topics in area of specialization**

This course is designed as an introductory doctoral seminar to help candidates explore their areas of specialization and sift out issues that are worth researching on the area of study.

**SWK 702      Advanced Theory and Models of Treatment.**

The student presents seminar different social work theories and models and how they can be applied to real life situations in social work practice.

**SWK 704      Advanced Generalist Social Work Practice**

A conceptual framework for a variety of interceptive approaches to social work. An analysis of social contact of practice, value assumptions and dilemmas and common theoretical base for social work interceptive methods.

**SWK 742      Social Work Field Practice II**

The student continues his work at the agency assigned to him and treats cases.

**SWK 744      Advanced Theoretical orientations in the area of specialization    3 units**

The focus here is on critical examination of theoretical underpinnings that could help explain the major issues in the area of specialization

**SWK 761                              Seminar in Research Findings                              3units**

The student is expected to present a seminar on the major issues of the research project highlighting what is really PhD about the work

**SWK 760      Doctoral Dissertations    6 units**

The student writes a doctoral dissertation on a chosen topic. This will be presented to the Postgraduate board of the department in three phases: The proposal, methodology and research findings under the guidance by an approved supervisor.

## 7. LIST OF APPROVED HIGHER DEGREE SUPERVISORS

- |                                    |  |
|------------------------------------|--|
| 1. Professor Uzoma Odera Okoye,    | B.Sc., M.Sc., Ph.D. (Nigeria)                    |
| 2. Mr. Mbah, Uwazuoke Francis      | B.Sc. (Dares Salaam) M.Sc. (Missouri)            |
| 3. Dr. Uzuegbu, Ngozi Charity      | B.Ed., PGD, M.Sc., Ph.D. (Nigeria)               |
| 4. Dr. Eze, Christian Aniemeka     | B.Sc., M.Sc., Ph.D. (Nigeria)                    |
| 5. Dr. Tanyi, Lum Perpetua         | B.Sc., M.Sc., Ph.D. (Nigeria)                    |
| 6. Dr. Okafor, Agnes Ebelechukwu   | B.Sc., M.Sc., Ph.D. (Nigeria)                    |
| 7. Dr. Anugwom, Kenechukwu Nwakego | B.Sc., M.Sc., Ph.D. (Nigeria)                    |
| 8. Dr. Uche, Okala Agwu            | B.Sc., M.Sc., Ph.D. (Nigeria)                    |
| 9. Dr. Ngwu, Christopher Ndubuisi  | B.Sc., M.Sc., Ph.D. (Nig)                        |
| 10. Dr. Okoli, Rosemary Chinyere   | B.Sc., M.Sc., (Nig.) Ph.D. (Edinburgh, UK)       |
| 11. Dr. Iyiani, Christian Chidozie | B.Sc. (Nig.), M.Sc. Ph.D. (Norwegian University) |
| 12. Dr. Chukwu, Ngozi Eucharia     | PGD, B.Sc., Ph.D. (Nigeria)                      |