

# FEDERAL UNIVERSITY OF TECHNOLOGY, OWERRI POSTGRADUATE SCHOOL

## 2017/2018 POSTGRADUATE APPLICATION

**A.** The Postgraduate School, Federal University of Technology, Owerri (FUTO) invites applications from suitably qualified candidates for consideration for admission into the underlisted Diploma, Masters and Doctorate Degree programmes for the 2017/2018 session under Regular, Centre for Continuing Education (Weekend), Institute of Women/Gender and Development Studies (IWOGDS), Institute of Erosion Studies (IES) and Public Procurement Research Centre (PPRC).

Any interested candidate should pay a non-refundable fee of **Eleven Thousand, Three Hundred Naira (N11,300.00)** only through the University website ([www.futo.edu.ng](http://www.futo.edu.ng)) and as well fill the application form online. (*See Method of Application below*)

### **B. ADMISSION REQUIREMENTS**

All candidates applying for any of the following postgraduate programmes must satisfy the basic matriculation requirements including O' Level Credit Passes in English Language and Mathematics as required by the Department.

#### **1.1 PGD**

Candidates applying for the Postgraduate Diploma (**PGD**) programme must possess any of the following in addition to O' Level Credit Passes in English Language and Mathematics and satisfying the basic matriculation requirements of the Department:

- i) Higher National Diploma (HND) Lower Credit or above
- ii) Bachelors Degree in the relevant discipline from FUTO or any other recognized University with at least a Third Class Honours.
- iii) A good Bachelors Degree with at least Second Class Honours in other related disciplines.

#### **1.2 PGD in Gender Studies**

Candidates applying for the Postgraduate Diploma (PGD) in Gender Studies programme must possess any of the following:

- i) Higher National Diploma (HND) Lower Credit or above
- ii) Bachelors Degree in the relevant discipline from FUTO or any other recognized University with at least a Third Class Honours.
- iii) A good Bachelors Degree with at least Second Class Honours in other related disciplines.
- iv) O' level credit passes in English Language and Mathematics in addition to any other three subjects are also required for admission into the programmes as follows:

- i) **Gender and Development Studies/Entrepreneurship** (Economics, Government or History, Commerce, Geography)
- ii) **Gender and Science/Global Health** (Chemistry, Biology, Physics)
- iii) **Gender and Technology** (Physics, Chemistry and Biology or Agricultural Science)
- iv) **Gender and Agricultural Technology** (Chemistry, Agricultural Science or Biology and Food nutrition or Home Economics)

## 2.1 M.Sc, M.Eng and MPH

Candidates applying for the Master of Science (**M.Sc**), Master of Engineering (**M.Eng**), and Master of Public Health (**MPH**) programme must possess any of the following in addition to O' Level Credit Passes in English Language and Mathematics and satisfying the basic matriculation requirements of the Department/Institute:

- i) A Bachelors Degree with at least a Second Class Honours (lower division) qualification with a minimum of **2.50 CGPA** on a **5-point scale** or **2.00 CGPA** on a **4-point scale** in the related area from FUTO or from any other recognized University.
- ii) A Bachelors Degree with at least a Third Class Honours from a recognized University plus a PGD of not less than **3.00 CGPA** on a **5-point scale** and a **2.50 CGPA** on a **4-point scale** in the relevant area.

However, for M.Sc in Financial Management Technology and Management Technology, candidates must possess O' Level Credit Passes in English Language, Mathematics Economics and any two subjects from Physics, Biology, Agricultural Science, and Geography

## 2.2 M.Sc in Optometry

Candidates applying for the Master of Science (**M.Sc**) in Optometry programme must possess any of the following in addition to O' Level Credit Passes in English Language, Mathematics, Biology, Physics and Chemistry

- i) A Doctor of Optometry (O.D) degree with a minimum of **2.50 CGPA** on a **5-point scale** or **2.00 CGPA** on a **4-point scale** in the related area from FUTO or from any other recognized University.
- ii) Completion of one year internship programme and NYSC programme

## 2.3 M.Sc in Gender Studies

Candidates applying for the Master of Science (**M.Sc**) in Gender Studies programme must possess any of the following:

- i) Higher National Diploma (HND) Upper Credit or above plus PGD in Gender Studies
- ii) Bachelors Degree in the relevant discipline from FUTO or any other recognized University with at least a Third Class Honours.
- iii) A good Bachelors Degree with at least Second Class Honours in other related disciplines.
- iv) O' level credit passes in English Language and Mathematics in addition to any other three subjects are also required for admission into the programmes as follows:
  - i) Gender and Development Studies/Entrepreneurship (Economics, Government or History, Commerce, Geography)
  - ii) Gender and Science/Global Health (Chemistry, Biology, Physics)
  - iii) Gender and Technology (Physics, Chemistry and Biology or Agricultural Science, Economics)
  - iv) Gender and Agricultural Technology (Chemistry, Agricultural Science or Biology and Food nutrition or Home Economics)

### 3. MBA

Candidates applying for the Master of Business Administration (**MBA**) programme must possess any of the following in addition to O' Level Credit Passes in English and Mathematics and satisfying the basic matriculation requirements of the Department:

- i) A good Honours Degree with at least a Second Class Honours (lower division) qualification with a minimum of **2.50 CGPA on a 5-point scale** or **2.00 CGPA on a 4-point scale** in the area of Science, Technology, Engineering and Management Technology from FUTO or from any other recognized University.
- ii) Graduates with Bachelors Degree from a recognized University with at least a Third Class Honours qualification plus a PGD of not less than **3.00 CGPA on a 5-point scale** and a **2.5 CGPA on a 4-point scale** in the relevant area.
- iii) Higher National Diploma (HND) lower credit or above plus a Postgraduate Diploma in relevant field may apply for the MBA programme

However, for MBA in Financial Management Technology and Management Technology candidates must possess O' Level Credit Passes in English Language, Mathematics Economics and any two subjects from Physics, Biology, Agricultural Science, and Geography.

### 4. Ph.D

Candidates applying for the **Ph.D** programme must possess any of the following in addition to O' Level Credit Passes in English and Mathematics and satisfying the basic matriculation requirements of the Department/Institute:

- i) A Master's degree with a **CGPA of 3.50** on a **5.00 point scale** or **3.00** on a **4.00 point scale** or its equivalent in the relevant areas from FUTO or any recognized University
- ii) Any other qualification as the University Senate may from time to time recognize/approve.

### **C. DURATION OF PROGRAMMES**

- i) **Ph.D Programmes:** A minimum of six (6) semesters and a maximum of ten (10) semesters for full-time, and minimum of eight (8) semesters and a maximum of fourteen (14) semesters for part-time students.
4. **M.Sc, M.Eng, MPH and MBA Programmes:** A minimum of three (3) semesters and a maximum of six (6) semesters for full-time, and minimum of four (4) semesters and a maximum of eight (8) semesters for part-time students
5. **PGD Programmes:** A minimum of two (2) semesters and a maximum of four (4) semesters for full-time, and minimum of four (4) semesters and a maximum of six (6) semesters for part-time students.

***NOTE: Candidates with Bachelor or Master's degree in Education (B.Ed and M.Ed) need not apply***

### **D. METHOD OF APPLICATION**

Candidates are advised to apply on-line following the procedure given below:

Step 1: Go to the FUTO Website - [www.futo.edu.ng](http://www.futo.edu.ng)

Step 2: Click on **Prospective Students**.

Step 3: Go to **PG Application Form**

Step 4: Click on **generate 2017/2018 PG Application Invoice**

Step 5: Enter your **Personal Email Address**

Step 6: Click on **Sign In**

Step 7: Print your invoice containing your **RRR number** (Remita Retrieval Reference) and proceed to the bank for payment or make payment via ATM card.

Step 8: Go to any bank with your invoice and pay a non-refundable fee of Eleven Thousand Three Hundred Naira (N11,300.00) for FUTO PGS Regular or CCE (Weekend) or IWoGDS or IES or PPRC application depending on your interest.

Step 9: Return to Step 3 above (Click on **Fill PG Application Form**)

Step 10: Enter your **Personal Email Address** again to proceed

Step 11: Fill the on-line form accordingly

**NOTE: Make sure the referee email address supplied is valid as a referee form link would be sent to your referees for completion online.**

Step 12: Print out a copy of the Acknowledgement Slip when the form is completed.

Also an acknowledgement would be sent to the email address you provided while filling the form. Therefore make sure you provide a valid personal e-mail address.

Step 13: Submit/Mail the printed Acknowledgement Slip with your credentials to the Deputy Registrar/Secretary, Postgraduate School, Federal University of Technology, Owerri, Imo State, Nigeria.

For more enquires send an email to [ict@futo.edu.ng](mailto:ict@futo.edu.ng)

#### **E. DOCUMENTS TO UPLOAD TO THE PG SCHOOL PORTAL**

Candidates should upload the following relevant documents in support of their application online

- i. Higher National Diploma (HND) Certificate/Statement of Result
- ii. University Degree Certificates/Statement of Result
- iii. NYSC Discharge Certificate/Exemption Certificate
- iv. "O" Level Result

#### **SUBMISSION OF ACADEMIC TRANSCRIPT:**

All applicants must forward their transcript to reach the Deputy Registrar/Secretary, Postgraduate School, Federal University of Technology, Owerri, Imo State, Nigeria, not later than December 20, 2017.

***Please note that any application without Transcript will not be considered for admission.***

#### **CLOSING DATE:**

The website will close on November 30, 2017 and all submission of documents as in E above will close on same day. All successful candidates will be notified via email/SMS.

## **F. AVAILABLE POSTGRADUATE PROGRAMMES**

### **1.0 SCHOOL OF AGRICULTURE AND AGRICULTURAL TECHNOLOGY (SAAT)**

#### **1.1 DEPARTMENT OF AGRICULTURAL ECONOMICS**

a) M.Sc. and Ph.D Degrees in Agricultural Economics with specialization in:

- i) Farm Management and Production Economics
- ii) Agricultural Development and Policy
- iii) Agricultural Marketing and Cooperatives
- iv) Agricultural Finance
- v) Agricultural Project Planning and Analysis
- vi) Agricultural Resources and Environmental Economics

b) PGD in Agricultural Economics

#### **1.2 DEPARTMENT OF AGRICULTURAL EXTENSION**

a) M.Sc. and Ph.D Degrees in Agricultural Extension with specialization in:

- i) Agricultural Extension Administration
- ii) Programme Planning and Evaluation
- iii) Rural Sociology
- iv) Agricultural Extension Communication
- v) Community and Rural Development
- vi) Indigenous Knowledge Systems in Agricultural and Rural Development

b) PGD in Agricultural Extension

#### **1.3 DEPARTMENT OF ANIMAL SCIENCE AND TECHNOLOGY**

a) M.Sc. and Ph.D Degrees in Animal Science and Technology with specialization in:

- i) Animal Breeding and Genetics
- ii) Animal Management
- iii) Animal Nutrition
- iv) Animal Products
- v) Reproductive Physiology

b) PGD in Animal Science and Technology

#### **1.4 DEPARTMENT OF CROP SCIENCE AND TECHNOLOGY**

a) M.Sc and Ph.D Degrees in Crop Science and Technology with specialization in:

- i) Agronomy
- ii) Seed Technology
- iii) Plant Breeding and Genetics
- iv) Farming Systems
- v) Crop Physiology
- vi) Horticulture and Landscaping
- vii) Crop Protection with options in the following:

- Mycology
- Nematology
- Weed Science
- Agricultural Entomology
- Bacteriology
- Virology

b) PGD in Crop Science and Technology

### **1.5 DEPARTMENT OF SOIL SCIENCE AND TECHNOLOGY**

a) M.Sc. and Ph.D. Degrees in Soil Science and Technology with specialization in:

- i) Soil Science
- ii) Soil Genesis and Classification
- iii) Soil Physics/Soil Conservation
- iv) Soil Survey and Land-use Planning
- v) Soil Microbiology
- vi) Soil Fertility
- vii) Soil Chemistry
- viii) Soil and Environmental Management

b) PGD in Soil Science and Technology

### **1.6 DEPARTMENT OF FISHERIES AND AQUACULTURE TECHNOLOGY**

a) M.Sc and Ph.D. in Fisheries and Aquaculture

b) PGD in Fisheries and Aquaculture

## **2.0 SCHOOL OF ENGINEERING AND ENGINEERING TECHNOLOGY (SEET)**

### **2.1 DEPARTMENT OF AGRICULTURAL and BIO-RESOURCES ENGINEERING**

a) M.Eng and Ph.D. Degrees in Agricultural Engineering with specialization in:

- i) Farm Power and Machinery Engineering Technology
- ii) Soil and Water Engineering Technology

b) PGD in Agricultural Engineering (Note: Only candidates with 3rd class are qualified for PGD in Agricultural Engineering)

### **2.2 DEPARTMENT OF CHEMICAL ENGINEERING**

a) Ph.D Degree in Chemical Engineering with options in:

- i) Chemical Reaction Engineering
- ii) Process Plant Design
- iii) Refinery/Gas Engineering
- iv) Separation Processes

- v) Simulation and Optimization
- vi) Systems Dynamics and Control
- vii) Chemical Engineering Thermodynamics

- b) M.Eng. in Chemical Engineering
- c) PGD in Chemical Engineering

### **2.3 DEPARTMENT OF CIVIL ENGINEERING**

a) M.Eng. and Ph.D Degrees in Civil Engineering with specialization in:

- i) Water Resources Engineering
- ii) Structural Engineering
- iii) Public Health Engineering

- b) PGD in Civil Engineering

### **2.4 DEPARTMENT OF ELECTRICAL AND ELECTRONIC ENGINEERING**

a) M.Sc. and Ph.D Degrees in Electrical and Electronic Engineering with specialization in:

- i) Electronic Power Engineering
- ii) Communication Engineering
- iii) Control Engineering
- iv) Electronic and Computer Engineering

- b) PGD in Electrical and Electronic Engineering

### **2.5 DEPARTMENT OF FOOD SCIENCE AND TECHNOLOGY**

a) M.Sc. and Ph.D Degrees in Food Science and Technology with specialization in:

- i) Food Microbiology
- ii) Food Chemistry and Nutrition
- iv) Beverage and Brewing Technology
- v) Food Processing Technology

- b) PGD in Food Science and Technology

### **2.6 DEPARTMENT OF MATERIALS AND METALLURGICAL ENGINEERING**

a) M.Eng. and Ph.D Degrees in Materials and Metallurgical Engineering with specialization in:

- i) Materials Engineering
- ii) Metallurgical Engineering

### **2.7 DEPARTMENT OF MECHANICAL ENGINEERING**

a) M.Eng. and Ph.D Degrees in Mechanical Engineering with specialization in:

- i) Industrial Production Engineering
- ii) Energy and Power Engineering
- iii) Automated Design and Manufacturing



## **2.8 DEPARTMENT OF PETROLEUM ENGINEERING**

- a) M.Eng. and Ph.D Degrees in Petroleum Engineering with specialization in:
  - i) Reservoir Engineering
  - ii) Production Engineering
  - iii) Drilling Engineering
  - iv) Natural Gas Engineering
  - v) Petroleum Economics
  
- b) PGD in Petroleum Engineering

## **2.9 DEPARTMENT OF POLYMER AND TEXTILE ENGINEERING**

- a) Ph.D Degrees in Polymer and Textile Engineering with specialization in:
  - i) Polymer Science
  - ii) Textile Science
  
- a) M.Sc. Degrees in Polymer and Textile Engineering with specialization in:
  - i) Polymer Science and Engineering
  - ii) Textile Science and Engineering

## **3.0 SCHOOL OF MANAGEMENT TECHNOLOGY (SMAT)**

### **3.1 DEPARTMENT OF FINANCIAL MANAGEMENT TECHNOLOGY**

- a) Ph.D, M.Sc. and MBA in Financial Management Technology with specialization in:
  - i) Financial Management Technology
  
- b) PGD in Financial Management Technology

### **3.2 DEPARTMENT OF MANAGEMENT TECHNOLOGY**

- a) MBA, M.Sc. and Ph.D Degrees with specialization in:
  - i) Management Technology
  
- b) PGD in Financial Management Technology

### **3.3 DEPARTMENT OF PROJECT MANAGEMENT TECHNOLOGY**

- a) Ph.D, M.Sc. and MBA in Project Management Technology with specialization in:
  - i) Construction Technology
  - ii) Manufacturing Systems
  - iii) Industrial Process Technology
  
- c) PGD in Project Management Technology

### **3.3 DEPARTMENT OF TRANSPORT MANAGEMENT TECHNOLOGY**

a) M.Sc. and Ph.D Degrees with specialization in:

- i) Aviation Management
- ii) Transport Planning and Management
- iii) Maritime Management Technology

b) MBA with specialization in:

- i) Sea Transport Management
- ii) Air Transport Management
- iii) Transport Management
- iv) Logistics Management

c) PGD in Transport Management Technology

### **3.4 DEPARTMENT OF MARITIME MANAGEMENT TECHNOLOGY**

a) MBA and Ph.D Degrees in Maritime Management Technology

b) M.Sc. Degree with specialization in:

- i) Maritime Economics and Finance
- ii) Marine Transport Management

c) PGD in Maritime Management Technology

### **3.5 DEPARTMENT OF INFORMATION MANAGEMENT TECHNOLOGY**

PGD, MBA, M.Sc. and Ph.D Degrees in Information Management Technology

## **4.0 SCHOOL OF ENVIRONMENTAL SCIENCES (SOES)**

### **4.1 DEPARTMENT OF ENVIRONMENTAL TECHNOLOGY**

a) M.Sc. and Ph.D Degrees in Environmental Technology with specialization in:

- i) Pollution Control Technology
- ii) Flood and Erosion Control Technology
- iii) Geo-Environmental Technology

b) PGD in Environmental Technology

## **5.0 SCHOOL OF BIOLOGICAL SCIENCES (SOBS)**

### **5.1 DEPARTMENT OF BIOLOGY**

a) M.Sc and Ph.D degrees in Biology Science with specialization in

- i) Applied Entomology and Parasitology
- ii) Environmental Conservation and Management
- iii) Mycology and Plant Pathology

b) PGD in Biological Science

## **5.2 DEPARTMENT OF BIOTECHNOLOGY**

a) M.Sc. and Ph.D Degrees in Biotechnology with specialization in:

- i) Biotechnology
- ii) Environmental Health Biology

## **5.3 DEPARTMENT OF MICROBIOLOGY**

a) M.Sc. and Ph.D Degrees in Microbiology with specialization in:

- i) Food/Industrial Microbiology
- ii) Medical Microbiology
- iii) Environmental Microbiology

b) PGD in Applied Microbiology

## **5.4 DEPARTMENT OF BIOCHEMISTRY**

a) M.Sc. and Ph.D Degrees in Biochemistry with specialization in:

- i) Industrial Biochemistry
- ii) Environmental Biochemistry
- iii) Medical Biochemistry
- iv) Pharmacology Biochemistry
- v) Nutrition and Toxicological Biochemistry

b) PGD in Biochemistry

## **6.0 SCHOOL OF PHYSICAL SCIENCES (SOPS)**

### **6.1 DEPARTMENT OF CHEMISTRY**

a) M.Sc. and Ph.D Degrees in Chemistry with specialization in:

- i) Chemical Quality Control and Industrial Safety
- ii) Analytical Chemistry
- iii) Mineral Processing
- iv) Organic Chemistry
- vi) Physical Chemistry
- vii) Inorganic Chemistry
- viii) Environmental Chemistry

b) PGD with specialization in

- i) Environmental Chemistry
- ii) Chemical Quality Control and Industrial Safety

### **6.2 DEPARTMENT OF COMPUTER SCIENCE**

M.Sc. and Ph.D Degrees in Computer Science.

### **6.3 DEPARTMENT OF GEOSCIENCES**

- a) M.Sc. and Ph.D Degrees in Geosciences with specialization in:
  - i) Geophysics
  - ii) Petroleum Geology/Sedimentology
  - iii) Hydrogeology
  - iv) Environmental Geology
  
- b) PGD Geosciences

### **6.4 DEPARTMENT OF MATHEMATICS**

- a) M.Sc. and Ph.D Degrees in Mathematics with specialization in:
  - i) Industrial and Applied Mathematics
  - ii) Differential Equations
  - iii) Control Theory
  - iv) Elasticity
  - v) Semi-Group Theory

### **6.5 DEPARTMENT OF STATISTICS**

- a) M. Sc. and Ph.D Degrees with specialization in:
  - i) Time Series Analysis
  - ii) Econometrics
  - iii) Probability Theory
  - iv) Multivariate Analysis
  - v) Demography
  
- b) PGD in Statistics

### **6.5 DEPARTMENT OF PHYSICS**

- a) M.Sc. and Ph.D Degrees in Physics with specialization in:
  - i) Solid State Physics
  - ii) Materials Science
  - iii) Solar Energy Physics
  - iv) Space Physics
  - v) Radiation and Health Physics

### **7.0 SCHOOL OF HEALTH TECHNOLOGY (SOHT)**

#### **7.1 DEPARTMENT OF BIOMEDICAL TECHNOLOGY**

- a) M.Sc. Degrees in Physiokinetics and Biomedical Technology with specialization in:
  - i) Medical Electronics and Instrumentation
  - ii) Clinical Engineering
  - iii) Rehabilitation Engineering

#### **7.2 DEPARTMENT OF PUBLIC HEALTH**

- a) M.Sc and Ph.D in Public Health with specialization in:

- i) Environmental Health and Safety
- ii) Epidemiology and Disease Control
- iii) Health Promotion and Wellness
- iv) Health Economics

b) PGD in Public Health

### **7.3 DEPARTMENT OF OPTOMETRY**

a) M.Sc in Optometry with specialization in:

- i) Clinical Optometry
- ii) Vision Science
- iii) Ocular Health

### **G INSTITUTE OF WOMEN, GENDER AND DEVELOPMENT STUDIES (IWOGDS)**

a) PGD with specialization in:

- i) Gender and Development Studies
- ii) Gender and Entrepreneurship
- iii) Gender and Global Health
- iv) Gender and Agricultural Technology
- v) Gender and Science
- vi) Gender and Technology

b) M.Sc Degree with specialization in:

- i) Gender and Development Studies
- ii) Gender and Science
- iii) Gender and Technology
- iv) Gender and Agricultural Technology
- v) Gender and Global Health
- vi) Gender and Entrepreneurship

### **H. PROGRAMMES AVAILABLE AT THE CENTRE FOR CONTINUING EDUCATION (WEEKEND PROGRAMME)**

#### **SCHOOL OF MANAGEMENT TECHNOLOGY (SMAT)**

#### **1. DEPARTMENT OF PROJECT MANAGEMENT TECHNOLOGY (MBA, PGD)**

- i) MBA and PGD in Project Management Technology

#### **2. DEPARTMENT OF FINANCIAL MANAGEMENT TECHNOLOGY (MBA, PGD)**

- i) MBA and PGD in Financial Management Technology
- ii) MBA and PGD in Management Technology

### **I. PROGRAMMES AVAILABLE AT THE INSTITUTE FOR EROSION STUDIES (IES)**

M.Sc and Ph.D Degrees in Erosion Studies with specialization in:

- i) Integrated Watershed Management

ii) Urban Drainage System and Management

**J. PROGRAMMES AVAILABLE AT THE PUBLIC PROCUREMENT RESEARCH CENTRE (PPRC)**

i) PGD in Public Procurement

**J.U. Nnabuihe**  
Registrar, FUTO