

FEDERAL UNIVERSITY OF TECHNOLOGY, OWERRI POSTGRADUATE SCHOOL

2016/2017 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 2016/2017 session under Regular, Centre for Continuing Education (CCE), Institute of Women/Gender and Development Studies (IWOGDS) and Institute of Erosion Studies.

Any interested candidate should pay a non-refundable fee of **eleven thousand, three hundred naira (N11,300.00)** only at any of the **Deposit Money Banks (DMB)** through the Remita Gateway on the Postgraduate application **platform** and then complete the **online application at www.futo.edu.ng**

B. ADMISSION REQUIREMENTS

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

1. PGD

Candidates applying for the **Postgraduate Diploma (PGD)** programme must possess any of the following in addition to English and Mathematics and the basic matriculation requirements of the Department:

- i) Higher National Diploma (HND) Upper 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.

2. M.Sc, M.Eng, MPH

Candidates applying for the **M.Sc, M.Eng, MPH programme** must possess any of the following in addition to English and Mathematics and the basic matriculation requirements of the Department:

- i) A first degree with at least a second class honours qualification with a minimum of **3.00 CGPA** on a **5-point scale** or **2.50 CGPA** on a **4-point scale** in the related area from FUTO or from any other recognized University.
- ii) A Bachelors degree from a recognized University plus a PGD of not less than **3.50 CGPA** on a **5-point scale** and a **3.00 CGPA** on a **4-point scale** in the relevant area.

3. MBA

Candidates applying for the **MBA** programme must possess any of the following in addition to English and Mathematics and the basic matriculation requirements of the Department:

- i) A good honours Degree in the area of Science/Technology, Engineering and Management Technology from FUTO or from any other recognized University.
- ii) Graduates with first degree from a recognized University and holders of Higher National Diploma (HND) with Postgraduate Diploma may apply for the MBA programme

4. Ph.D

Candidates applying for the **Ph.D** programme must possess any of the following in addition to English and Mathematics and the basic matriculation requirements of the Department:

- i) A Master's degree with a **CGPA of 4.00 on a 5.00 point scale or 3.0 on a 4.0 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.
- ii) **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
- iii) **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 of 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

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

Step 3: Go to **PG Application Form 2016/2017**

Step 4: Click on **on-line application for PG (Regular) or CCE (PG) Weekend Programme or Institute of Women/Gender and Development Studies or Institute for Erosion Studies** application

Step 5: Click on **generate 2016/2017 PG Application Invoice**

Step 6: Enter your **Telephone Number**

Step 7: Click on **Sign In**

Step 8: Print your invoice containing your **RRR number** (Remita Retrieval Reference) and proceed to the bank for payment or make payment via ATM card.

Step 9: 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 or CCE or IWoGDS or IES application depending on your interest.

Step 10: Return to Step 4 above

Step 11: Click on **Fill PG Application form 2016/2017**

Step 12: Enter your **Remita Number** from the bank

Step 13: 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 14: 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.

For more enquires send an email to 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. University Degree Certificates/Statement of Result
- ii. NYSC Discharge Certificate/Exemption Certificate
- iii. "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, 2016.

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

CLOSING DATE:

The website will close on November 30, 2016 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) PGD, 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

M.Sc. in Fisheries and Aquaculture

Ph.D. in Fisheries and Aquaculture

PGD in Fisheries and Aquaculture

2.0 SCHOOL OF ENGINEERING AND ENGINEERING TECHNOLOGY (SEET)

2.1 DEPARTMENT OF AGRICULTURAL and BIO-RESOURCES ENGINEERING

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

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

2.2 DEPARTMENT OF CHEMICAL ENGINEERING

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

M.Eng. in Chemical Engineering

PGD in Chemical Engineering

2.3 DEPARTMENT OF CIVIL ENGINEERING

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

i) Water Resources Engineering

ii) Structural Engineering

iii) Public Health Engineering

PGD in Civil Engineering only

2.4 DEPARTMENT OF ELECTRICAL AND ELECTRONIC ENGINEERING

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
- PGD in Electrical and Electronic Engineering

2.5 DEPARTMENT OF FOOD SCIENCE AND TECHNOLOGY

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
- PGD in Food Science and Technology

2.6 DEPARTMENT OF MATERIALS AND METALLURGICAL ENGINEERING

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

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

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
 - vi) Petroleum Economics
- PGD in Petroleum Engineering

2.9 DEPARTMENT OF POLYMER AND TEXTILE ENGINEERING

M.Sc. and Ph.D Degrees in Polymer and Textile Engineering with specialization in:

- i) M.Sc. in Polymer Science and Engineering
- ii) M.Sc. in Textile Science and Engineering
- iii) Ph.D in Polymer Science
- iii) Ph.D in Textile Science

3.0 SCHOOL OF MANAGEMENT TECHNOLOGY (SMAT)

3.1 DEPARTMENT OF PROJECT MANAGEMENT TECHNOLOGY

Ph.D, M.Sc. and MBA in Project Management Technology with specialization in:

- i) Construction Technology
- ii) Manufacturing Systems
- iii) Industrial Process Technology

PGD with options in:

- i) Construction Technology
- ii) Manufacturing Systems

3.2 DEPARTMENT OF MANAGEMENT TECHNOLOGY

PGD, MBA, M.Sc. and Ph.D Degrees in:

- i) Financial Management Technology
- ii) Management Technology

3.3 DEPARTMENT OF TRANSPORT MANAGEMENT TECHNOLOGY

MBA, M.Sc. and Ph.D Degrees in:

Transport Management Technology with specialization in:

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

MBA options:

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

PGD in Transport Management Technology

3.4 DEPARTMENT OF MARITIME MANAGEMENT TECHNOLOGY

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

M.Sc. options:

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

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

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

PGD in Environmental Technology

5.0 SCHOOL OF BIOLOGICAL SCIENCES (SOBS)

5.1 DEPARTMENT OF BIOLOGY

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

PGD in Biological Science

5.2 DEPARTMENT OF BIOTECHNOLOGY

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

- i) Biotechnology
- ii) Environmental Health Biology

5.3 DEPARTMENT OF MICROBIOLOGY

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

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

PGD in Applied Microbiology

5.4 DEPARTMENT OF BIOCHEMISTRY

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

PGD in Biochemistry

6.0 SCHOOL OF PHYSICAL SCIENCES (SOPS)

6.1 DEPARTMENT OF COMPUTER SCIENCE

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

6.2 DEPARTMENT OF GEOSCIENCES

M.Sc. and Ph.D Degrees in Geosciences with specialization in:

- i) Geophysics
- ii) Petroleum Geology/Sedimentology
- iii) Hydrogeology
- iv) Environmental Geology

PGD Geosciences

6.3 DEPARTMENT OF MATHEMATICS

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

6.4 DEPARTMENT OF STATISTICS

M. Sc. and Ph.D Degrees in Statistics:

- i) Time Series Analysis
- ii) Econometrics
- iii) Probability Theory
- iv) Multivariate Analysis
- v) Demography

PGD in Statistics

6.5 DEPARTMENT OF PHYSICS

M.Sc. and Ph.D Degrees in Physics with specialization in:

- i) Solid State Physics
- ii) Materials Science
- i) Solar Energy Physics
- ii) Space Physics
- iii) Radiation and Health Physics

7.0 SCHOOL OF HEALTH TECHNOLOGY (SOHT)

7.1 DEPARTMENT OF PUBLIC HEALTH TECHNOLOGY

M.Sc and Ph.D in Public Health Technology with specialization in:

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

PGD in Public Health Technology (PGDPH)

7.2 DEPARTMENT OF BIOMEDICAL TECHNOLOGY

M.Sc. Degrees in Physiokinetics and Biomedical Technology with specialization in:

- i) Medical Electronics and Instrumentation
- ii) Clinical Engineering
- vi) Rehabilitation Engineering

G INSTITUTE OF WOMEN/GENDER AND DEVELOPMENT STUDIES (IWOGDS)

- 1) **PGD** with specialization in:
 - (i) Women and Gender Studies
 - (ii) Gender and Entrepreneurship
 - (iii) Gender and Global Health
 - (iv) Gender and Agricultural Technology

- 2) **M.Sc Degree Programme**
 - (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 (CCE)

SCHOOL OF MANAGEMENT TECHNOLOGY (SMAT)

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

- i) MBA and PGD in Project Management Technology

2. DEPARTMENT OF MANAGEMENT TECHNOLOGY (MBA, PGD)

- i) Financial Management Technology
- ii) Management Technology

3. DEPARTMENT OF INFORMATION MANAGEMENT TECHNOLOGY (MBA, PGD)

- i) MBA and PGD in Information Technology

4. DEPARTMENT OF TRANSPORT MANAGEMENT TECHNOLOGY (MBA, PGD)

- i) Land Transport Management
- ii) Transport Economics and Planning (MBA only)
- v) Air Transport Management
- vi) Water Transport Management

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

M.Sc and Ph.D Degrees in Erosion Studies with option in

- i) Integrated Watershed Management
- ii) Urban Drainage System and Management

Orje Ishegh-Nor
Registrar, FUTO