

# **FEDERAL UNIVERSITY OF TECHNOLOGY, OWERRI**

## **POSTGRADUATE SCHOOL**

### **ADMISSION INTO FULL-TIME AND PART-TIME POSTGRADUATE PROGRAMMES FOR 2024/2025 ACADEMIC SESSION**

#### **PROGRAMMES OFFERED**

The University offers different programmes in the following areas:

- i. School of Agriculture and Agricultural Technology (SAAT)**
  - Agricultural Economics
  - Agricultural Extension
  - Animal Science and Technology
  - Crop Science and Technology
  - Fisheries and Aquaculture Technology
  - Forestry and Wildlife Technology
  - Soil Science and Technology
  
- ii. School of Engineering and Engineering Technology (SEET)**
  - Agricultural and Bioresources Engineering
  - Biomedical Engineering
  - Chemical Engineering
  - Civil Engineering
  - Food Science and Technology
  - Materials and Metallurgical Engineering
  - Mechanical Engineering
  - Petroleum Engineering
  - Polymer and Textile Engineering
  
- iii. School of Electrical Systems Engineering and Technology (SESET)**
  - Electronic Engineering
  - Computer Engineering
  - Communications Engineering
  - Control Engineering
  - Power Systems Engineering
  - Mechatronics Engineering in the following Options:
    - \* Additive Manufacturing Engineering
    - \* Robotics and AI Engineering
  
- iv. School Information and Communication Technology (SICT)**
  - Computer Science in the following Options:
    - \* Artificial Intelligence and Machine Learning

- \* Data Science
- \* Human-Centred Computing
- Information Technology in the following Options:
  - \* PhD/M.Sc (a) Information System (b) Artificial Intelligence (c) Network Security
  - (d) Data Science

**v. School of Logistics and Innovation Technology (SLIT)**

- Maritime Technology and Logistics
- Logistics and Transport Technology
- Project Management Technology

**vi. School of Biological Sciences (SOBS)**

- Biochemistry
- Biotechnology
- Microbiology
- Biology in the following Options:
  - \* Environmental Management and Conservation
  - \* Applied Entomology and Parasitology
  - \* Mycology

**vii. School of Environmental Sciences (SOES)**

- Architecture
- Environmental Management
- Quantity Surveying
- Surveying and Geo-informatics in the following Options:
  - \* Geodesy/Satellite Surveying
  - \* Hydrography
  - \* GIS and Remote Sensing
  - \* Cadastral Surveying and LIS
- Urban and Regional Planning
- Building Technology in the following Options:
  - \* Construction Management
  - \* Building Services
  - \* Building Structures
  - \* Building and Facilities
  - \* Maintenance Management

**viii. School of Health Technology (SOHT)**

- Optometry
- Prosthetics and Orthotics
- Public Health in the following Options:
  - \* Epidemiology and Biostatistics
  - \* Environmental Health and Safety

- \* Health Promotion
- \* Infections Diseases and Global Health

**iv. School of Physical Sciences (SOPS)**

- Chemistry
- Geology in the following options:
  - \* PhD/M.Sc Geophysics
  - \* PhD/M.Sc Petroleum Geology/Sedimentology
  - \* PhD/M.Sc Hydrogeology
  - \* PhD/M.Sc Environmental Geology
  - \* PGD Geoscience
- Mathematics in the following Options:
  - \* Applied Mathematics
  - \* Functional Analysis
  - \* Group Theory
  - \* Mathematical Modelling
  - \* Mathematical Theory of Elasticity
  - \* Partial Differential Equations
  - \* Partial Deferential Equations
  - \* Semi Group Theory
  - \* Control Theory
- Physics
- Statistics

**Centres/Institutes:**

**x. Institute of Erosion Studies (IES)**

- M.Sc – Option in Integrated Watershed Management
  - Urban Drainage System and Management
- PhD - Option in Integrated Watershed Management
  - Urban Drainage System and Management

**xi. Centre of Excellence in Sustainable Procurement, Environmental and Social Standards (CE-sPESS)**

- **PGD** and **M.Sc** in the following three programmes:

- **Procurement Management:**

- **Social Standards:**

- **Environmental Standards**

Master of Science (**M.Sc**) in Environmental Standards has the following specializations:

- **M.Sc** Livelihood and Environmental Resource Management
- **M.Sc** Environmental Risk Assessment and Management

- **M.Sc** Geographic and Environmental Information System.
- **M.Sc** Climate Change and National Resource Management

**Information:**

- Candidates should visit the Centre **website** <https://cespess.org/ng/> for specific entry requirements, scholarships and on-line applications.

**xii. AFRICAN CENTRE OF EXCELLENCE IN FUTURE ENERGIES AND ELECTRO CHEMICAL SYSTEMS (ACE-FULES)**

The Centre offers **M.Sc** and **PhD** in the following programmes:

- Corrosion Technology
- Future Energies
- Electro-Chemical Technology
- Nano Technology

**xiii. INSTITUTE FOR WOMEN GENDER AND DEVELOPMENT STUDIES (IWOGDS)**

**(a) Postgraduate Diploma (PGD) with Specialization in the following areas:**

- Women and Gender Studies
- Gender and Entrepreneurship
- Gender and Global Health
- Gender and Agricultural Technology

**(b) Master of Science (M.Sc) with Specialization in the following areas:**

- Gender and Development Studies
- Gender and Science/Global Health
- Gender and Technology
- Gender and Agricultural Technology

**Information: O'level requirement for Gender Studies**

- Gender and Development Studies/Entrepreneurship (Economics, Government or History, Commerce, Geography).
- Gender and Science/Global Health (Chemistry, Biology, Physics).

**xiii. Public Procurement Research Centre (PPRC)**

- **PGD** in Public Procurement.