

## **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

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