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1.0 SCHOOL OF AGRICULTURE AND AGRICULTURAL TECHNOLOGY (SAAT)

1.1 DEPARTMENT OF AGRICULTURAL ECONOMICS

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

PGD in Agricultural Economics

1.2 DEPARTMENT OF AGRICULTURAL EXTENSION

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

PGD in Agricultural Extension

1.3 DEPARTMENT OF ANIMAL SCIENCE AND TECHNOLOGY

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 Product
- v) Reproductive Physiology

PGD in Animal Science and Technology

1.4 DEPARTMENT OF CROP SCIENCE AND TECHNOLOGY

PGD, 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

PGD in Crop Science and Technology

1.5 DEPARTMENT OF SOIL SCIENCE AND TECHNOLOGY

PGD, M.Sc. and Ph.D. Degrees in Soil Science and Technology with specialization in:

- Soil Science
- Soil Genesis and Classification
- Soil Physics/Soil Conservation
- Soil Survey and Land-use Planning
- Soil Microbiology
- Soil Fertility
- Soil Chemistry
- Soil and Environmental Management

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 ENGINEERING

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

- 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

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

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) Marine Transport Management
- ii) Maritime Economics and Finance

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 TECHNOLOGY (SOET)

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 SCIENCE (SOSC)

5.1 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

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 CHEMISTRY

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

PGD with specialization in

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

5.4 DEPARTMENT OF COMPUTER SCIENCE

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

5.5 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

5.6 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

5.7 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

5.8 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

5.9 DEPARTMENT OF PHYSICS

PGD, 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

6.0 SCHOOL OF HEALTH TECHNOLOGY (SOHT)

6.1 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)

6.2 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 CENTRE FOR WOMEN, GENDER AND DEVELOPMENT STUDIES (CWGDS)

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