



University of Technology, Jamaica

Engineering Deans Institute Conference, Biltmore Hotel

Presented by Prof. Nilza Aples - Dean
April 3, 2017



History and Background

- Established 1958 as Jamaica Institute of Technology
- Changed to the College of Arts, Science and Technology in 1959
- Granted University status in 1995

Our Vision

The University of Technology, Jamaica will:

- Offer innovative, transformational, profession-driven and leading-edge programmes
- Have in place high quality staff who are professionally competent, innovative and leaders in their own field
- Operate with high quality environment.

Resulting in:

- Recognition for its leadership in entrepreneurship, research, technology innovation and exceptional customer care
- The well-known and respected UTech, Ja. brand
- Globally competent, versatile, innovative entrepreneurial graduates
- A positive impact on society

Our Mission

Our Primary Mission is to stimulate positive change in Caribbean Society through provision of high quality learning and research opportunities and service to our communities.

Today

- Over 12,256 students
- Gender ratio: Male 44% Female 56%
- International Student Population from across the Caribbean Region, USA, Canada, Germany, Sri Lanka, Nigeria
- 3 Colleges, 5 Faculties

UTech's Brands

- Sport – UTech/MVP contributed 42% to 46% of the last two Olympic medal tally
- All first year students required to give 40 hours of service, that account for 4930 days of voluntary services



University of Technology, Jamaica
Home of World Class Athletes



Congratulates

all athletes who participated in the
2016 Rio Olympic Games, especially our

UTech, Ja Athletes & Alumni

3 GOLD, 2 SILVER & 2 BRONZE Medals

ELAINE THOMPSON

ASAFA POWELL

SHELLY-ANN FRASER-PRYCE

SHERICKA JACKSON

CHRISTANIA WILLIAMS



STEPHENIE-ANN MCPHERSON

CHRISTINE DAY

ANNEISHA MCLAUGHLIN-WHELEY

SIMOYA CAMPBELL

BUSHEER McDONALD



O'DAYNE RICHARDS

MEGAN SIMMONDS

JULIAN FORTE

JANIEVE RUSSELL

KALIAE SPENCER

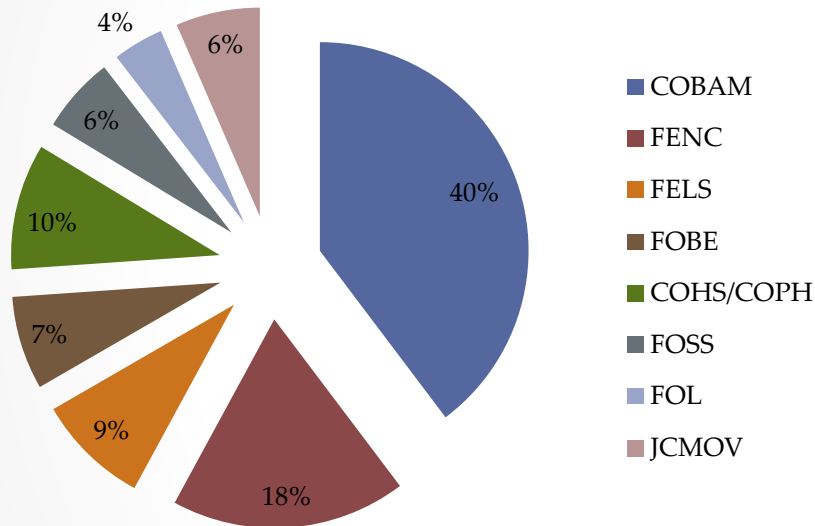
- Special recognition to our coaches Paul Francis, Stephen Francis and Lynval Swaby -

f t i @utechjamaica

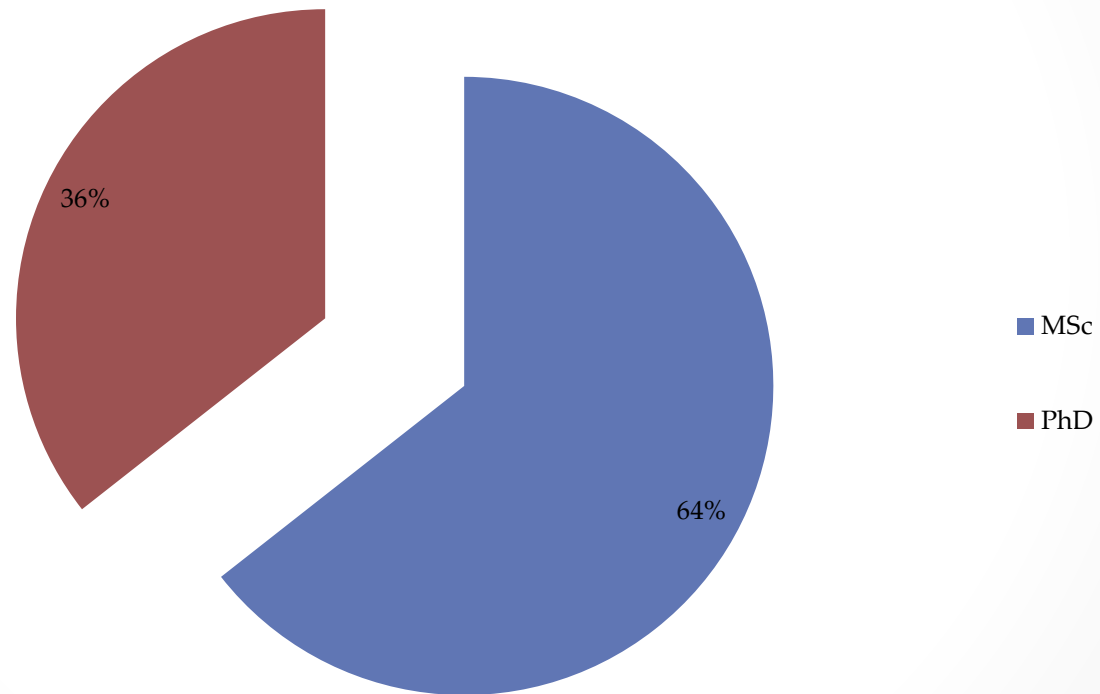
EXCELLENCE THROUGH KNOWLEDGE

Students Demographic by Faculties

Faculty Demography



Profile of Faculty Academic Qualification



Faculty Doctoral Studies

- **USA Universities:** Florida Inst. of Technology, New York Institute of Technology, University of Oklahoma, Iowa State University, Cornell University, Engineering Stanford University, Rensselaer Polytechnic Institute, Georgia Tech. University, Clarkson University, Florida International University
- **UK Universities:** University of Manchester Institute of Science and Technology, University of Nottingham, University of Bath, University of Birmingham, Staffordshire University
- **Russia:** Engineering Kiev Institute of Civil Aviation Engineers
- **Japan:** Hokkaido University
- **Cuba:** Universidad de Oriente, CUJAE
- **Trinidad & Tobago:** UWI St. Augustine
- **India:** Manipal Institute of Technology
- **Armenia:** Polytechnic Institute, Yerevan

FENC's Educational Highlights

- All Engineering students contribute a minimum of 400 hours as industrial work experience.
- Offers a bilingual programme in engineering
- Spanish & Cultural immersion in a Spanish speaking university.
- Received University valedictorian for the last four graduation class (2013-2016)
- Launched Waste Management Centre which will support the MSc in Holistic Waste Management including 7 Latinoamerican and Caribbean Institutions)

FENC's Research Highlights

- EU/ACP funded Solar Hydrogen project.
 - Brunel University, UK
 - UWI, Caricom
- EU/ACP funded Promotion of Capacity and Energy Education Development in the Caribbean Region
 - University of Turku
 - Finland Future Research Centre
 - UWI
 - Universidad de Oriente, Cuba
- Energy Database for the Caribbean region
 - Ministry of Energy
 - OLADE
 - Caricom

Research Focus

- Renewal Energy (Hydrogen, Fuel for automotive, Photovoltage)
- Waste Management
- Biofuels
- Biomass/Natural Fibres
- Composite Materials
- Energy Modelling
- Tribology
- Computer Base Rehabilitation Management
- Computer Security
- Data Base Management System

THE END