

UWI
MONA CAMPUS
JAMAICA, WEST INDIES

FACULTY OF ENGINEERING



ENGINEERING B.I.T.E.S BRINGING INFORMATION TO ENGINEERING STAKEHOLDERS

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FOE in the News | Electric Vehicle Charging Infrastructure Training and Commissioning

The Faculty of Engineering received an invitation from the High Commission of Canada for Dr. Thomas and two (2) students from The University of the West Indies, Mona (UWI) to attend the Commissioning Ceremony of an Electric Vehicle charging station at the Jamaica-German Automotive School (JAGAS) on Tuesday, March 15, 2022. Dr. Omar Thomas, Joshua Anderson (FOE student) and Shannon France (Department of Physics student), attended the commissioning service. The High Commission's donation of the charging station to the Jamaican-German Automotive School (JAGAS) will be used in the direct training of auto-mechanic students, as Jamaica continues to make a push to the introduction of EVs in the island.

In addition, the Canadian High Commission held a training course via zoom, on March 21-22, 2022, for key stakeholders. Over 20 persons from The UWI participated in the training course, including academic staff and students of the Faculty of Engineering and the Department of Physics, as well as technical staff from the Estate Management Department. The training course was very insightful and exposed the participants to the fundamentals of EVs and the charging infrastructure. All participants received certificates for their participation. The Faculty of Engineering expresses gratitude to the High Commission for the invitation to participate in both the EV Training sessions and the commissioning of the EV charging station at JAGAS, as The UWI has a significant role to play in the areas of research and education associated with the emerging EV industry within Jamaica.

See JIS article - <https://jis.gov.im/jagas-gets-electric-vehicle-charging-station/>



The electric vehicle charger at JAGAS
From left: Shannon France, Joshua Anderson
and Dr. Omar Thomas



Two (2) electric vehicles at JAGAS
From left: Shannon France, Dr. Omar Thomas and
Joshua Anderson.

FOE in the News | Blessed and Highly Favored

Jamaica Observer | Blessed and Highly Favoured

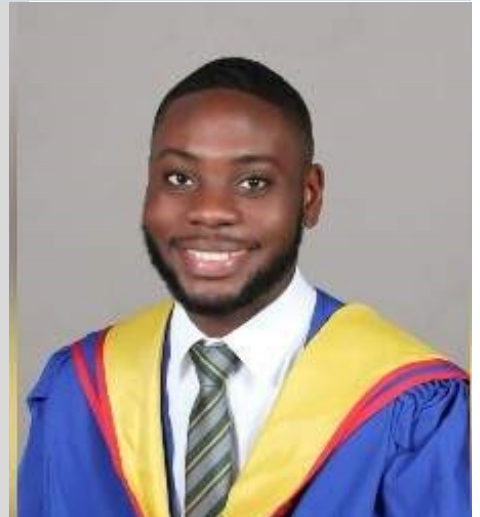
Ramone Jackson excelling in academia, educating the masses

At just 26, Ramone Jackson is already an accomplished academic and teacher, and is actively pursuing a PhD in Engineering. It's a success story inspired by Jackson's early love for mathematics, hard work and a series of coincidences.

Jackson did not have the easiest start to life, but a decision made by the person who would become his mother set his life on a trajectory that even he did not expect.

"I will say that I was blessed and highly favoured in the sense that I didn't grow up with my biological mother, I have never met her; I don't know her. I was living with my father and at the time there were three women living in the house, two of them had children with him and the third lady, she didn't have any children but she wanted to leave (my father)," Jackson explained.

Find full story at URL: https://www.jamaicaobserver.com/latestnews/Blessed_and_highly_favoured



*Ramone Jackson;
Lecturer, Engineering Mathematics*

Alumni Happenings | Faculty of Engineering Alumni Association Mona (FEAAM)

& Mona Engineering Society (MES) Strategic Partnership

The Faculty of Engineering Alumni Association, Mona (FEAAM) and the Mona Engineering Society (MES) have forged a strategic partnership towards supporting the continuous improvement of the quality of the Engineering Education Programme Experience at The UWI Mona.

Newly-elected President, Mr. Roshane Wynter has committed to strengthening active alumni engagement and support in teaching, research, programme development, internship/employment and mentorship.

He has pledged increased support for the Faculty's calendar of events by providing speakers and volunteers and looks forward to a rich and fulfilling experience as a proud alumni giving back to their alma mater.

FEAAM-MES Appreciation Awards, as a segment in the Annual Faculty Awards Ceremony, is a proposal being considered, with the aim of acknowledging team members and their role in the continuous quality improvement of the Engineering Education Programme Experience at The UWI Mona.

FEAAM-MES is seen as a promising partnership that both student and alumni stakeholders continue to work towards improving.



Staff & Student Spotlight | *Congratulations!*



Mr. Joshua Anderson– BSc Electrical Power Engineering student

2nd Place Winner:

The Green Team/Fresh Fuel Student

Business concept: Converting kitchen waste into usable energy in the form of cooking gas for home use.

Words of Encouragement: Reap the sweet reward of maintaining your focus and trying something new and innovative especially in the field of engineering.

Team FOE Claims Top Prizes in the 2022 Vincent Hosang UWI Venture Competition!



Left-right: Dr. Leighton Ellis - Deputy Dean, Quality Assurance and Mr. Raymond Dixon - Chief Laboratory Technologist.



Right: Dr. Leighton Ellis - Deputy Dean, Quality Assurance

3rd Place Winners - Ouro Preto Team
Business concept: Converting organic waste to compost (black gold) in 24 hours.

Words of Encouragement: Think about how you can apply yourself to not just leave with a degree, but possibly a business and be in a position to hire, rather than look for a job.

STAFF HIGHLIGHTS

Publications



Dr. Rakhee; Lecturer -
Electronics Engineering

Dr. Lindon Falconer and Dr. Rakhee received the best paper award at the Springer International Conference on Computing Science, Communication and Security (COMS2)-2022. A Certificate of Best Paper Award was given to the Awardees on 25th February 2022.

- ◇ Paper Title “Improved Cluster-based energy-efficient routing protocol for WBAN using Soft Computing Technique”, Neha Chaubey, Rakhee, Lindon Falconer, Dharmsinh Desai University, Gujarat, India, The University of West Indies, Jamaica,



Dr. Lindon Falconer; Head of
Programme - Electronics
Engineering

Staff Updates

Dr. Davaugh Sanderson

- ◇ Appointed to serve as the FOE’s representative for the UWI Mona Disabled Staff/Student policy. Dr. Sanderson will assist the faculty to identify areas that need to be fixed to conform to both the policy and the general comfort of persons with disabilities.



Dr. Da-Vaugh Sanderson,
Lecturer - Biomedical Engineering

Mona Engineering Society | Corporate Mingle (MES) Corner

The second annual Corporate mingle hosted by the Mona Engineering Society, was held on Friday, March 18, 2022. Support for the event came from the UWI Engineering students, Alumni and faculty, as well as students from UTECH and CMU. Guests that RSVP'd were presented with name tags upon entry. The event commenced at approximately 6:00 p.m.

Greetings and introductions were done by hosts—Fabian Morris and Rae-Anna Murray, and them a prayer, which was done by the B.Sc. Electronics representative—Gawayne Wright, followed by the sponsor's message given by Rasheed Anderson and a song rendered by Orane Green.

To initialize the mingling, the audience was given the instruction to find someone with the first letter last name as their first name. After which the caterers commenced serving refreshments, while the mingling took place. This lasted for roughly 30 minutes. Introductions were done for the persons doing the TED talk on the stage before heading into the room.

Tyrone Newby for Civil Engineering was first, followed by Tavar Brown for Electronics Engineering. Lastly, the final pieces of entertainment were done by Saeed Bowman playing the steel pan and the guitar was done by Gawayne Wright. After which a dance competition was held while the DJ took us through the night. The vote of thanks was done by the MES president, Alwain Bisator.

The event finished at approximately 10 pm.

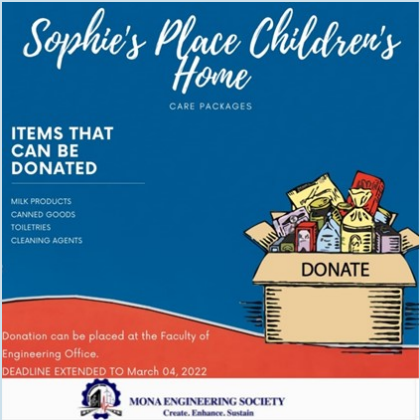
Sponsorship for the event was provided by the JPS Foundation and Wain's Tailored Foods . Décor was provided by WhiteTiger Studio (IG: whitetigerstudioja).



Mona Engineering Society | Outreach Activities (MES) Corner

MES External Affairs - Donation Drive

The MES External Affairs Committee collaborated with the Sophie's Place Children's Home to acquire much needed supplies. The collection of donations commenced in February and the donations were handed over to the children's home in the 4th week of March 2022.



Tree Planting Initiative

The Institute of Civil Engineering (ICE) UWI Mona student Chapter, in collaboration with the Mona Engineering Society, planted 30 trees on March 5, 2022 on the UWI Mona Campus grounds. The tree planting event is the third event of ICE's "2022 Give Back Project" series in order to promote sustainable development and environmental protection. The 30 trees planted by the engineering students were of 4 species namely: Poui, Blue Bush, Bauhinia and Red Bullet.



From left: Professor Dale Webber - Pro Vice Chancellor and Principal of UWI Mona, Ainsley Henry - CEO Forestry Department, Martineil Bartely - MES VP, Janelle Edwards ICE President, Alwain Bisasor - FOE Guild Rep., Rushanya Rose - MES EAC.

Mona Engineering Society | Guild Election (MES) Corner



The recent Guild election results show two student members of the Faculty of Engineering serving for the upcoming academic year. The winners were Marteneil Bartley, the current VP of External Affairs for MES and Gawayne Wright, the current Electronics Engineering Representative for MES. They will be serving as the Guild PRO and the Faculty of Engineering's representative respectively.

Congratulations to them both on their victories!



FACULTY OF ENGINEERING

Contact our Office

4 St. Johns Close
The University of the West Indies,
Mona Campus,
Jamaica W.I.

Tel: (876) 927-1640 / (876) 970-1964

Ext: 2204 / 2254 / 3901 / 3902

Fax: (876) 702-4307

Email: engineering@uwimona.edu.jm

Queries: engineering.request@uwimona.edu.jm

To keep up to date on happenings in the Faculty of Engineering, Mona please feel free to visit our online platforms:

 [@UWIMonaEngineering](https://www.facebook.com/UWIMonaEngineering)

 [@MonaEngineering](https://twitter.com/MonaEngineering)

 [@MonaEngineeringSchool](https://www.youtube.com/MonaEngineeringSchool)

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