



NELSON MANDELA
UNIVERSITY

NELSON MANDELA
UNIVERSITY SAIEE
STUDENT CHAPTER
ANNUAL REPORT
2017



Change the World

PO Box 77000, Nelson Mandela University, Port Elizabeth, 6031, South Africa

**2017 SAIEE NELSON MANDELA UNIVERSITY
STUDENT CHAPTER PRESIDENT'S MESSAGE**



**2017 Mandela University SAIEE Student Chapter
President**

It is with great pleasure to write yet again another president's message after a successful and fun filled 2017. A couple of students joined the SAIEE as student members and several student chapter events took place. We managed to hold our second successful Annual event following the failure to host one in 2016 due to the unforeseen 'fees must fall' movement.

The committee resumed the year with a set plan to try and achieve all major goals in our 2017 plan of action, and I confidently confirm that it was fruitful. We resumed the year with the Engineering Sports day inclusive of Civil Engineering students (SAICE) and Electrical Engineering Students (SAIEE) which had a satisfactory attendance and promoted UBUNTU which is one of Mandela University's values.

The Chapter also held a short presentation on how to become a student member for the SAIEE and information about the SAIEE NMMU Student Chapter. An employability workshop was also initiated by the Student Chapter. The workshop was open to all students in the Engineering Faculty and

only positive remarks were received from all students who attended. A couple of students attended an SABC tour which was highly informative.

The MandelaUni SAIEE Student Chapter concluded the year with the Year End Function where the President of the SAIEE 2017, Mr J. Machinjike was invited as the guest of honour. A couple of students in industry and professionals in the Engineering field were invited to give a talk on their work experiences to motivate and help students on their choice of streams. This main event was a success and special thanks to the President who uniquely advised the students about their choices.

I will be stepping down as the Chapter President to give a chance to other aspiring student leaders to take over from where I left. Most of the 2017 committee members will be stepping down due to work constraints. A new committee will be initiated in 2018 and will incorporate the new BEngTech qualification. This however means that not all events will be achieved in 2018 as the new qualification system will be implemented.

The Student Chapter outgoing Committee members and its Mentor Mr Ikho Bambiso's hard work is treasured and I wish them all the best in their respective sectors in Industry. Special thanks to the department of Electrical Engineering with specific mention to the faculty Administrator Ms Lizl Blom for their continuous support to make the Chapter a success. We thank all presenters throughout the year on all respective events for all the knowledge they shared in their treasured time. We also thank the SAIEE Eastern Cape Committee for providing the allocated funds to the Chapter and for actively involving us in all their work throughout 2017.

We look forward to a successful 2018. "ONWARDS AND UPWARDS." I thank you.

Tafadzwa Michael

Bhowa

"If it's easy, you're doing it wrong"

SAIEE STUDENT CHAPTER COMMITTEE 2017

The year 2017 was quite complex for the committee members as most of them were employed in Industry while studying part time at the Mandela University. This complication did not deter the members' passion to achieve their yearly goal of making the Chapter a success. The main aim of the committee is to represent the Electrical Engineering students, while fulfilling their duties serving the committee.

The following list is of committee members who served within the chapter during the year 2017, with their individual roles, qualifications and current work.



Tafadzwa Michael Bhowa

Role: Student Chapter President 2017

Qualification: Bachelor of Technology: Engineering: Electrical

Work: Eya Bantu Professional Services: Junior Consulting Engineer



Athenkosi Madolwana

Role: Media and Marketing

Qualification: Bachelor of Technology: Engineering: Electrical, Student

Work: Nelson Mandela University: Electrical Engineering Lab Assistant



Rishongile Makhubele

Role: Media and Marketing

Qualification: Bachelor of Technology: Engineering: Electrical

Work: Clinkscales Maughan Brown (CMB): Junior Electrical Engineer

"If it's easy, you're doing it wrong"



Edwin Ribisi

Role: Secretary

Qualification: Master of Engineering: Engineering: Electrical, Student

Work: Nelson Mandela University: Electrical Engineering Lab Assistant



Ashley Jaca

Role: Events Coordinator

Qualification: National Diploma: Engineering: Electrical

Work: Bridgestone PE: Electrical Technician



Mr Ikho Bambiso

Role: Student Chapter Mentor

Work: Nelson Mandela University: Department of Electrical Engineering
Lecturer

Much appreciated work done by the committee members to make another fruitful year. All the best to each member in their respective sectors. Special mention to Mr Bambiso the Student Chapter Mentor for his much appreciated work towards the chapter.

“If it’s easy, you’re doing it wrong”

Committee rules and roles

The committee rules and roles remained the same for the year 2017 as reported in the 2016 annual report. Members respected these set rules with full discipline.

Committee Roles and Responsibilities

President

- Overlooks every members duties
- Chairs meetings
- Represents the chapter during EC SAIEE Committee meetings.

Vice President

- Acts as a president when the president is absent.
- Overlooks every members duties
- Liaising with the chapter mentor and president in all cases.

Treasurer

- Handles the budget and all financial issues.
- Liaising with Ms Lizl Blom (Administrator) with respect to budgets for events.
- Drafts the annual budget.

Secretary

- Compiles minutes
- Submitting minutes to the committee on time
- Drafts agenda for the next meeting

Media & Marketing

- Marketing of events.
- Social media updates.
- Compile newsletters and reports.

Events Co-ordinators

- Planning and organising of events.
- Drafting the event programme.

“If it’s easy, you’re doing it wrong”

Annual Sports Day

2017 came with yet again another fruitful Engineering Sports day inclusive of Civil Engineering students (SAICE) and Electrical Engineering Students (SAIEE). The event was held on the 11th of August 2017 at the North Campus Sports fields. This is the second Annual Sports day the Student Chapters have hosted. A total number of 38 students attended the event with 19 students from each engineering field. This initiative is done to promote socialization between Engineering Students and also practicing **UBUNTU**, one of Nelson Mandela University's **VALUES**. It also promotes interaction and networking between the students. This also encourages other students to join VA's as student members which will have a positive impact in their careers.

Football

Football was the most anticipated sport on the day as 5 different teams registered with each side consisting of 8 players.



Touch Rugby, Volleyball and Netball

Touch Rugby, volleyball and netball were played. Netball was the last event with both ladies and gentlemen participating.



Each member of the winning teams was awarded a medal as a prize for their achievement. At the end of the day, everyone was a winner as students enjoyed the eats that the chapters had organized.

“If it's easy, you're doing it wrong”



Committee Members

Special thanks to the committee members from both Student Chapters for their hard work making this day a success. Special mention to **Mr Athenkosi Madolwana** our Media and Marketing member and **Mr Ikho Bambiso** our Mentor for representing team SAIEE. To all ladies in both the engineering fields, Kudos to representing all other ladies who are already in the field and those who are yet to join the Engineering team. There is nothing impossible with hard work and determination. For all the work that was put by the SAIEE committee members behind the scenes, your work can not go unrecognized. Special thanks to the Department of Engineering for allowing this event to take place.



Please like our SAIEE Student Chapter Facebook page
<https://www.facebook.com/#!/pages/NMMU-SAIEE-Student-Chapter/382787068537554>

For more information about SAIEE and the Student Chapter check the link below.

<http://www.saiee.org.za/>

"If it's easy, you're doing it wrong"

SAIEE Marketing Event

On Tuesday, 28th March 2017 the SAIEE Student Chapter held a short presentation on how to become a student member for SAIEE and information about the SAIEE NMMU Student Chapter. Mr Athenkosi Madolwana, the Media and Marketing committee member presented on the event.

The presentation included informing students on how they can become SAIEE student members. Once they join the SAIEE as student members they automatically become part of the SAIEE NMMU student chapter. Athenkosi also informed the students about the benefits that come along with being involved with SAIEE. The presentation was held at NMMU, North Campus (M-Block, M222) during lunch time and took a maximum of 30 minutes. There were prizes and gifts to be won by students who attended this presentation.



Employability Workshop

Employability workshop took place on Thursday 17 August 2017 from 13h00-14h00 in M222. The workshop was open to all students in the Engineering Faculty but was an initiative of the Student Chapter. Ms Ronelle Plaatjes, a Senior Academic Developer in the Centre for Teaching, Learning and Medial (CTLM) at Mandela University was the Presenter. The workshop was successful and only positive remarks were received from all the students who attended. Ms Plaatjes is willing to continue with such workshops for students in the following years to come.

“If it’s easy, you’re doing it wrong”

SAIEE Visit to SABC

On the 31st of March, Mr Bambiso and a couple of students attended an SABC tour .This SABC tour was organized through the help of Mr Ken Ramjee from the Engineering Council of South Africa (ECSA). This tour included visiting the SABC Video Recording studio, the equipment room and the SABC Radio Broadcasting Studio. Students were able to see some of the technology and equipment which is used at the SABC.



The technical staff at SABC were very informative especially when it came to the question and answer sessions. We look forward to having more of these types of field tours to help students see how Professionals do their jobs in industry. It also helps students with choices of streams between Power, Industrial or Light current streams.

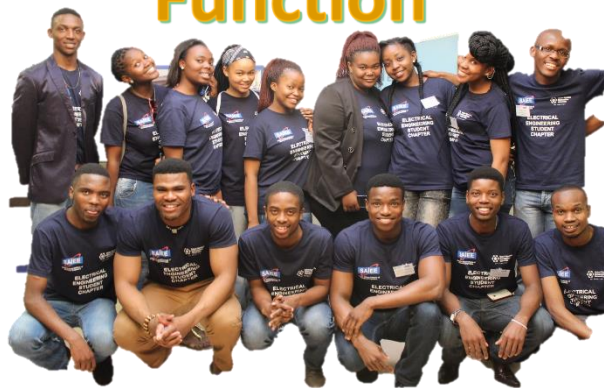


“If it’s easy, you’re doing it wrong”

Promoting Interaction and Networking between
Industry and Students
SAIEE Student

Chapter Year End

Function



On the 16th of October 2017 the SAIEE Student Chapter hosted their year-end function. This was their second year end function with the first one taking place in 2015. Guests from the three Electrical Engineering Fields: Telecommunication, Industrial /Automation, Power Systems were invited. Students currently doing their in-service training were also part of these guests. The Students doing in-service training shared how different the work place is compared to being in a tertiary institution. They also shared some information with regards to some of the important subjects/modules which they studied in the university which they applied knowledge from the within the work place



From Left: Ms Michelle Steady (NMB Municipality), Mr Mthozisi Msiza (Electrical Engineering Research), and Ms Nompumelelo Mngumeni (Transnet)

“If it’s easy, you’re doing it wrong”

Guests who had a number of years within industry also shared their experiences within their different workplaces as well as some of the challenges they had encountered. They also encouraged students to stay focussed, work hard. Mr Fuzile Siyengo, who is self-employed, spoke about his experience within the Industrial/Automation Field while Mr Jacque van Heide, who works at Eskom, spoke about his experience within the Telecommunication Field.



From Left: Mr Fuzile Siyengo (Self Employed) and Mr Jacques Van Der Heide (ESKOM)

The main guest speaker was - Jacob Machinjike, General Manager: Grids in Eskom Transmission, who was the SAIEE President in 2017. He encouraged students to persevere and also to be passionate about being future Electrical Engineers. He also encouraged students to take the Electrical Engineering profession seriously and also stressed the importance of registering for Voluntary Organisations such as SAIEE and ECSA.



Mr Jacob Machinjike, the SAIEE President in 2017

“If it’s easy, you’re doing it wrong”

Benefits when registered with SAIEE as student member

- Attend informative lectures, workshops and courses
- Networking opportunities
- Site visits
- Receive monthly free issues of Wattnow magazine
- Be part of the Student Chapter Committee
- Being part of the SAIEE NMMU Student Chapter

Events Co-ordination and Media & Marketing Summary Report

The events co-ordination and media & marketing teams always work hand in hand to have all events planned well before hand. During the year 2017, five events took place as reported above and were all successful. Special mention to Mr Madolwana, Ms Makhubele and Mr Jaca for their work in planning all the events.

Final Comments

We believe in building a firm relationship between students and industry which will encourages confidence in every individual to sell themselves well, increasing their employability.

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