

IPET NEWS Jan 2018

PO Box 1824, Randburg 2125 Office Tel 011 787 9706. Fax 086 664 7963
e mail engineer@netactive.co.za

Compiled and Edited by V Nel, Pr Tech Eng.

Language Adviser. P McLeod

Page 1

No 1. New Year Greetings.

The new year of 2018 is with us, which means there are new possibilities, new hopes, new dreams and new resolutions for the year. As we step into 2018 with renewed enthusiasm for the future to come, it is also a time to reflect on the year gone by and the beautiful moments shared with your family and friends. Express your gratitude for your loved ones and let them know how they've been an important part of your life. Also, spare a thought for the people who have supported you through the difficult times. The spirit of New Year isn't just reminiscing about the past but also looking forward to the times ahead with the promise of love, unconditional support and tons and tons of happiness. Forgive the people who may have hurt you and start 2018 on a bright and fresh note as there should be no room for hate in the New Year.

Also, remember to make a few New Year resolutions because what's the fun of celebrating new year if there are no resolutions - some to keep and some to break like you did last year! Suggestion is to make one easy one and one a bit more difficult resolution and stick to it. Try recycling (plastic, Aluminum etc.) and not dumping stompies and other trash anywhere but in the trash can. Become a Blood Donor. These are easy ones!

Good Luck.

6.7

The number, in millions, of cigarette butts collected by Baltimore's trash-collecting "Mr Trash Wheel" in 18 months.

2. The year 2017 in pictures.



IPET Council 2017 / 2018

From Left to right; D Lange, K Swift (Guest Speaker), K Chabikuli , I du Plessis, OL Leburu, J Moloisane (President) V Nel, JJ de Koker, Dr T Sidworthy, F Illunga , C Mynhardt (Vice President).

Annual General Meeting of the Institute of Professional Engineering Technologists was held on Monday 30th October 2017 at 15h00 at the SMEC Conference Room 267 Kent Avenue (Between Harley & Republic Road,) Ferndale, Randburg, Gauteng, 2194.



Members having a snack after the AGM.



President and Secretary looking for papers while Dr Stidworthy and Lord Leburu have a quiet chat on the right at the AGM..

IPET AWARD.

The Institute of Professional Engineering Technologists, IPET, annually awards the highest academic achieving ECSA accredited B Tech engineering graduates at all the Universities of Technology in South Africa. The best male and lady graduate at each University is awarded a 60mm gold plated medal and certificate at a gala function in Johannesburg, this year on Friday 8 December 2017. Over and above that, the best B Tech engineering graduate in South Africa is awarded with a large 75mm gold-plated medal.

Nomination is on the basis of highest academic achievement. The graduate must at least have achieved an average of 75% for his/her B Tech degree and we require a copy of the academic record for the B Tech degree.

The IPET award is the highest honour that an engineering graduate at a University of Technology in South Africa can achieve at B Tech level. Since 2003, awards are made to the respective highest achieving male and lady, with the aim to encourage more ladies to follow engineering as a career.

Pictures from the 2017 IPET Awards Function. (below).



J Moloisane (IPET President), JP Moster (Overall Male Winner) and B Groenewald (CPUT Representative).



J Moloisane (IPET President), ML Harry (Overall Female Winner) and Prof D Ikhu-Omoregbe CPUT Representative).



J Moloisane (IPET President), EF Padia (Durban University of Technology) and C Lourens DUT Representative.



J Moloisane (IPET President), Joel Naicker (Unisa) and Prof L Snyman UNISA Representative.



J Moloisane (IPET President), NIS Sielinou (Tshwane University of Technology) and partner.



J Moloisane (IPET President), EM Mothiba (Johannesburg University of Technology) and partner.



J Moloisane (IPET President), AM Malatji (Tshwane University of Technology) and Guests.



J Moloisane (IPET President), P Naicker (Durban University of Technology) and C Lourens DUT Representative.



J Moloisane (IPET President), Z Deacon (Unisa) and Prof L Snyman UNISA Representative.



J Moloisane (IPET President), AA Bondelo (University of Johannesburg) and Guest.

No 3. Job Required.

I have experience in project execution, data analysis, manufacturing, and research environments. This encompasses internships/ volunteer work. I am currently completing my MEng: Chemical Engineering and will graduate this year.

I completed my Bachelors Degree of Technology: Chemical Engineering with a *Cum Laude* honor and received the Deans Annual Excellence Award as top achiever in the Chemical Engineering Department. I was honoured with the *IPET* (Institute of Professional Engineering Technologists) national award for the highest academic achievement in Engineering (all disciplines) by a lady graduate in **South Africa**. I obtained a distinction pass for the undergraduate Chemical Engineering Process Design Group Project and the Chemical Engineering Undergraduate Research Project. . I am considered to be a good communicator and enjoy taking on various work related challenges. I can definitely work under pressure and maintain good results as well.

I am highly interested in working areas of process design, process optimization, project execution, data analytics and project management environments. I am open to gaining experience in other industries irrespective of the current experience already obtained. I am also eager to further my studies in relation to the industry I enter into whilst exploiting every opportunity I have to gain experience as a Process/ Project Engineer.

I am willing to relocate anywhere, both national and international, to excel in my career. And I firmly believe that I will be an excellent fit for any company as I have a strong work ethic and want to be part of a challenging, diverse and intellectual culture.

If there are any opportunities available, please do contact me as per the details below.

Contact details

Micaela Lisa Harry

Email: micaelaharry@gmail.com

Cell: +27 84 725 2245

No 4. Fees for 2018 / 2019.

Please note that fees are only due in April 2018.

Invoices will be sent in the latter part of March.

The good news is you don't have to pay yet!!!

Now isn't that a good way to start the New Year!!!!

No 5. Continuing Professional Development (CPD) Certificates.

CPD Certificates were sent out recently by E mail. Some were returned due to various reasons like no such E mail, Box full etc. etc. As a courtesy, we sent your CPD certificate by Snail Mail to those with no valid E mail addresses, together with Calendar etc. in Dec. Your CPD certificate proves your valid membership for the year. This entitles you to claim one credit on the Engineering Council of South Africa (ECSA) CPD system (Category 3) for the year.

Please note that CPD only applies to individual ECSA registered members and not ECSA candidates, Company, Sponsor or unregistered members. Also note that you are still required to gain credits in Categories 1 and 2.

If you have not received a CPD Certificate, it is probably due to one or more of the following reasons: -

- You are not listed as being registered with ECSA or you have not advised us of your ECSA registration and ECSA number.
- Your membership account is in arrears. Your address has changed.

- Other.

Please contact us in writing if you have any enquiries in this regard.

No 6. Policy: Facebook, Twitter, What's App, Linkdin and other Social Networks.

To the few who have asked us to join their group or circle we will not be doing so at present as we just do not have enough time available or volunteers to handle this time consuming task.

We **do not have a presence** on, or use, Facebook, Twitter, Linkdin or What's App at this time.

The above also applies to the Editor and Admin Officer.

If you wish to communicate with us please send an E mail to engineer@netactive.co.za or leave a message (voice mail) on our answering unit at 011 787 9706. Faxes can be sent to 086 664 7963. Please quote your membership number, name and return telephone / e mail address so we can contact you (Usually the day after receipt of the message). If all else fails post a letter to

IPET

PO Box 1824

Randburg

2125.

Thanks for your co-operation.

Newsletters may be downloaded from our Website www.ipet.co.za

No 7. Hard Copy News.

As explained in our December 20127 Newsletter, the December issue was the last hard copy Newsletter. All future newsletters and other notifications will only be sent by E Mail.

Newsletters etc. will also be available for reading and downloading from the IPET Website.

The costs of printing and mailing have become a huge problem. Mail to some parts of South Africa also appears to be unreliable. As over 80% of members have E mail addresses those who do not yet have E mail must please visit our Website from time to time for news.

Your co-operation in the Electronic age is appreciated!!

No 8. Enlighten us: we welcome your ideas.

As an IPET member you may have ideas on how we could improve our products and services. Please let us know. If it's something that can be implemented, measured, and affordable, and if it ties in with the IPET values, we'll investigate and try to make it happen. Any suggestions will be welcome.

E mail them to us under the Subject Heading; **IDEAS FOR IPET.**

Send your E Mail to engineer@netactive.co.za

Thanks

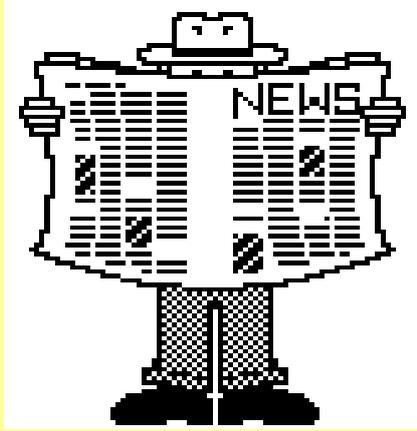
IPET Admin.

No 9. Snippets.

The following mini articles, notices and news follow the trend of interesting scientific, engineering developments and general interest items that we come across. Read and enjoy!

Please feel free to contribute by sending your articles to share with our members!

Ed.



*First Private University to Offer Bachelor of Engineering Degrees in SA.*

Monash SA has extended its offerings to include engineering. It is the first private institution offering a Bachelor Degree in Engineering that is reviewed by the Engineering Council of South Africa (ECSA).

The first intake into the greater engineering faculty will be in February and all classes that form part of the Bachelor of Engineering in Electrical and Electronic Engineering will be held at the MSA campus, in Ruimsig, Roodepoort.

This will be a full-time programme of a minimum of four years in the mainstream programme and a minimum of five years in the extended programme, giving graduates a National Qualifications Framework Level 8 qualification.

*Global inequality makes for startling figures.*

The wealthiest 1% in the world made 82% of the wealth generated in 2017. This was according to a report by Oxfam released today. As the world's elites hobnob in Davos, the report also established that the wealth of billionaires grew six times faster than ordinary workers. Nine of every 10 billionaires were men. The 3.7-billion people who make up the poorest half of the world saw no increase in their wealth.

In the South African economy almost 36% of the population is poor and lives with a median consumption level of about \$5 per day.

Ed. This may result in Protests, Riots, Violence and even Wars as extreme poverty cannot continue indefinitely!

*Clocks run from left to right* due to that being the way sundials cast shadows in the northern hemisphere!

No 10.

Is Our E Newsletter in the JUNK Box?

Just because you get E mails that are sent to you INDIVIDUALLY from us does not mean that you receive bulk E mails.

As the internet becomes ever more invasive, computer savvy members and companies are using SPAM FILTERS to separate legitimate email from the hoard of promotional messages that invade email INBOXes every day.

These filters are very smart and useful but sometimes are a little too smart for their own good. They can shift essential emails into your Junk mail folder and cut you off from critical and essential information.

So to ensure you receive our Newsletters add the following addresses to your **SAFE SENDERS list**.

noreplyipet@gmail.com
engineer@netactive.co.za

Just because you get E mails that are sent to you INDIVIDUALLY from us does not mean that you receive bulk E mails.

Some Companies and Internet Service Providers block E mails when they are addressed to more than a few people as they suspect that these E mails are Spam.

Members who supplied E mail addresses which end in Spoornet, Transnet, Eskom and Gov (Government) and Aurecon are warned that our E News is often blocked as they are suspected of being Spam. This even happens to single individual E mails only sent to one person.

This unfortunately also applies to some other firms and consulting engineering companies.

Members must sort this out with their IT people at work or their Internet supplier. Your own Computer settings also need to be checked and set especially if you have filters of any sort in your machine.

It is not something we can do from our end!

If all else fails get your own private E Mail address please.

Your co-operation in this will be beneficial to you and the Association.

Please see the list on our Websites where we list some of the suspect names where E mails bounce back undeliverable.

Visit our Website regularly to check out the Newsletters etc, which are updated from time to time. E Newsletters are sent out approx. 4 times a year. No hard copies are sent by post.

If your contact details change kindly complete the information update form, which you will find in various newsletters and also on our Website.

Your co-operation in this regard is much appreciated.

Thanks!

IPET

PO BOX1824

Randburg

2125

E Mail engineer@netactive.co.za

Tel 011 787 9706 Fax 086 664 7963

No 11.

Failed E mail Addresses and Lost Members List.

Its absolutely amazing at the number of incorrect, out of date or blocked E mail addresses members have given us over the past year!

Please see the lists on our Websites. These are updated from time to time.

If your name appears on the list kindly supply our office with your latest contact information.

Please do so in writing by E Mail or post but not telephonically.

Thanks

See

www.ipet.co.za

Unsubscribe.

As a member of IPET you should want to receive the E News. If however you do not want to receive the IPET E News as an E Mail then you have the option to unsubscribe.

To unsubscribe send an email with ""IPET unsubscribe"" in the text to engineer@netactive.co.za and quote your membership number and/ or name and initials please.

E. & O. E.

The Institute of Professional Engineering Technologists (IPET), its agents, volunteers, workers and members cannot be held responsible for errors in, amendments to, or any damages whatsoever arising from information published in good faith. Opinions expressed by contributors are not necessarily shared by IPET.

Disclaimer.

The Institute of Professional Engineering Technologists (IPET) makes no guarantees as to the accuracy, completeness and/or reliability of any information, data and/or content contained in the Newsletter or on its Websites. Information contained in this email, newsletters and the Websites shall be construed as comments and are offered for information purposes only. You accordingly assume total responsibility and risk for your use of, and reliance, on this information. Any formatting & overprinting of letter errors in this newsletter may be due to software problems.

Scroll Down for Next Page!

The Institute of Professional Engineering Technologists

P O Box 1824

Randburg

2125

Tel 011 787 9706

E Mail engineer@netactive.co.za

**To All
Members**

Your E mail, Tel, Fax or Postal address does not seem to work! Please complete & return this form so we can update your details.

Kindly note that E mail addresses that end in Telkomsa.net, Spoornet, Transnet, Eskom and Gov (Government) are usually blocked and not by us!

You have to fix this at the receiving end as we cannot solve this from the senders end.

We recommend members use private individual E Mail addresses instead of Company addresses.

Return the completed form to us by Mail , E-mail or Fax, but Fax is not recommended due to quality.

E Mail must have text message in main area stating what attachment is or it will be deleted as Spam.

Provide us with your E mail address so we can send our regular E News Letter to you. Thank you..

Last name		Initials	
First Names			
Your Preferred Postal address		Postal code	
Work Postal address		Postal code	
Name of Employer / Company			
Your or your Company's main field of engineering			
Work Tel (include area codes for all numbers)		Work Fax	
Home Tel		Home Fax	
Cell No		E Mail (Large font please) This is IMPORTANT.	
Membership Number			
Engineering Council of SA Registration Number (If applicable)			
ID Number			

Race (For statistical purposes only)	Asian (Indian etc) = A Coloured = C	Black = B White = W	Note; The Government often requests this info from us.
---	--	--------------------------------------	---