

Chamber of Eng Tech News. Aug 2018

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Engineering Technology Keeps Your World Working!
See www.engineeringchamber.yolasite.com

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No 1. Race Statistics of COET Membership.

(The Government and State Organisations often requests this information from COET).

Asians	2.4%
Blacks	7.01%
Coloureds	2.48%
Whites	51%

Unknown (not supplied by members) 37%

And the odd Joker who states Martian on their answer!!

No. 2.

ECSA engages the Voluntary Associations on the VA and CPD Frameworks

The Engineering Council of South Africa (ECSA) on Thursday, 02 August 2018 met with Voluntary Associations at the Birchwood Hotel and Conference Centre with the aim to discuss the revised Voluntary Associations (VA's) Recognition and Continued Professional Development (CPD) Frameworks.

The workshop which was attended by a great number of VA's sought to engage, apprise and foster better working relationships with all members of the associations.

Addressing the members of VA's the CEO of ECSA Mr Siphon Madonsela said the purpose of this workshop goes beyond sharing with members the implementation of the gazetted frameworks; as to ensure that Voluntary Associations understand the newly refined processes, but the workshop is also to solicit inputs from the VA members and to applaud them for their ability to keep the VA's sustainable.

Presenting the revised CPD rules and framework Mr Nxumalo, Executive of Policy and Standards at ECSA, said the revised and approved rules and framework stipulates that the ECSA Council will be the sole authority in the accreditation, monitoring, and validating the CPD activities and providers.

Mr Nxumalo added that this will result in ECSA developing an accreditation policy framework that will be followed by universities and VA's to verify CPD providers and validate activities. Furthermore, ECSA will also develop a policy for auditing and monitoring of VA's and universities.

Continued on the next page below.

No 3.

We are experiencing a reality based on a thin veneer of lies and illusions. A world where greed is our God and wisdom is sin, where division is key and unity is fantasy, where the ego-driven cleverness of the mind is praised, rather than the intelligence of the heart."

Bill Hicks

ECSA engages the Voluntary Associations on the VA and CPD Frameworks

(Continued from page 1. above)

Mr Christopher Tsatsawane, Strategic Services Executive at ECSA presented the new framework for VA`s that provided the rules and processes to follow towards recognition.

This framework requires that all the VA`s apply in accordance with the prescriptions of the new framework.

Mr Tsatsawane said under the new framework ECSA commits to equipping the VA`s to enable them to positively contribute to the achievement of the set objectives, partner with them in the development of alternatives and identification of preferred solutions, work directly with them throughout the process to ensure that their concerns and needs are considered as well as to obtain feedback from the VA`s on all relevant issues relating to them.

Concluding the workshop, Mr Cyril Gamede President of ECSA said "one of the key themes that came out strongly today was we need to ensure that there is equity in participation without the loss of the quality and in so doing improving the sector in which we operate in".

Press Release Issued by the Engineering Council of South Africa. See website www.ecsa.co.za.

No 3.

ECSA CPD problems.

A number of members have noted that the ECSA website for CPD does not work. It appears that the person`s history is lost. This also applies to the records of who is registered and who is paid up or not!

When trying to verify a person on ECSA website to see if they are registered the discipline is not indicated. This is a major problem that someone can now claim to be an engineer, technologist or technician in the various fields and one does not know if it is in fact true.

If you experience such problems (or have the solution) please notify ECSA directly. ECSA contact details are
ECSA Private Bag X691

Bruma

2026

Tel 011 607 9550

Fax 011 622 9295

E Mail engineer@ecsa.co.za

ECSA Website www.ecsa.co.za

Ed; Keep records (preferably paper records) of all your dealings with ECSA for at least 7 years!

Paper does not need a battery to keep it going or to read the records!

We have taken this up with ECSA and the Answer from ECSA about this is below.

Thank you for your email. ECSA is aware of the challenges experience with the new ECSA Online system and is looking into the various cases.

From my side all CPD cases highlighted is investigated and rectified. May I therefore request that you escalated all CPD related queries to cpd@ecsa.co.za and all log-on queries to engineer@ecsa.co.za

Thanks.

Ed; So we wait and see?!?!?

Lee Child famously said that "one should plan for the worst and hope for the best."

No 4.

Site Visits.

Our recent survey about arranging site visits drew only one positive response!

It appears everyone is very busy holding on to jobs and does not have the time for such activities.

With such little interest in this the site visit project it has been scrapped.

No 5.

Branch Chapters.

Our recent survey about branch chapters drew only negative responses!
It appears everyone is very busy holding on to jobs and does not have the time for such activities.
With such little interest in this the project it has been scrapped.

No 6.

CPD Survey.

Thanks to all members who answered our recent CPD course survey. We are processing information and doing further research. We hope to publish something about CPD in the near future.

No 7

Cell Phone Numbers.

We ask all members to confirm their Cell phone numbers with us as it appears that many members change numbers and do not update us with their details. Please reconfirm your correct and latest Cell phone number by send us an E mail showing your number AND your last name and initials, so we can update our records.

When E mails fail which they do from time to time due to various reasons (some are blocked by employers) we would like to be able to give you the latest information by Cell phone if needed.

Thanks from COET Admin.

E Mail to engineer@netactive.co.za using Cell Phone Update as Subject matter.

No 8.

Gender Bias.

With regard to the recently published article by the SAICE CEO, Manglin Pillay, COET wishes it to be known that COET disagrees with Mr Pillay's views on women in engineering. We find it hard to believe that in this day and age such archaic views are still being expressed. COET considers diversity in all its forms (gender, race, language, social or economic) to be a serious issue, and it constantly looking at ways to create meaningful dialogue around this and how best to create an environment of inclusion for all in engineering.

No 9.

Adverts of interest to members.

COET is prepared to place small *text only* adverts in the Newsletter if they are deemed to be of direct interest and value to members. The Editor and Executive's decision on any particular advert is final. The adverts may not exceed 350 words and are, for the time being, free. Adverts from any company for engineering vacancies (jobs) are **FREE!**

Please pass on this offer to your companies HR department or Bosses.

Adverts from members who are seeking employment are also accepted and are **FREE!**

Only Text based adverts will be included in the Newsletter and placed in the version of the Newsletter that is put onto the COET Website.

Any adverts must be submitted as MS Word Documents and no other formats such as Pdf etc. No Graphics accepted! As our country is experiencing a difficult economic and financial crisis our organisation is trying to assist members where practical. Requests for advertising should be addressed to;

COET

P O Box 1269

Ferndale

2160

Tel 011 787 9706 Fax 086 664 7963

Job Required.

I am qualified with BTech (Structural & Transportation) in Civil Engineering from the University of Johannesburg, registered with ECSA as a Professional Technologist Engineering and currently doing part-time Master Engineering in Structural.

I have more than 13 years of experience in Civil Engineering industry and specialised as a Geotechnical, Structural, Laboratory, site Supervision and Pavement Design Technician of single, dual carriageway roads, streets in urban, passes and rural developments. I am also confident in the preparation of the contract documents and specifications

I have been involved in the private and government projects as follows:

- Light, medium and commercial buildings
- Schools
- Municipality

with core qualifications as follows:

- Strong civil engineering experience
- Excellent familiarity with auto manufacturing facilities design specifications and building codes
- civil engineering report and project estimate calculation techniques
- High organizational and supervisory skills
- Sound ability to ensure full project compliance with applicable rules and regulations
- CAD, AutoCAD Civil 3D, Revit, Robot Structural Professional Analysis and AutoCAD Structural Detailing abilities
- Providing technical consultation assistance as needed.
- Good oral and written communication skills

I am available to work on contract or freelance. And I can be joined at 078 918 9163

Bruno Tayo

Physical Address: 32 Good Street Triomf Westdene

Tel.: 0789189163

Email.: btayo2018@gmail.com

No 10.

Services Offered By Members.

(Free ad for members)

Please visit our Website

<http://engineersdirectory.co.za/>

For all details.

Wherever possible support your fellow members!

No 11. Office Hours.

Kindly note that our office is staffed mainly by volunteers on a part time basis. This means that when phoning you may get our answering machine. Please leave a voice message and repeat your contact details including E Mail and Postal address and the nature of your enquiry. We get some calls on very bad lines and persons speaking so fast that it is impossible to decipher what they are saying. Calls from Cell phones are of particularly bad quality!! Often return numbers given are indecipherable or incorrect and dial codes are also often not given! If you don't leave a message with your contact number we will be unable to phone you! Calls, Faxes and E-Mails are normally answered on the next working day.

During the last few months we have experienced a few days of load shedding and the odd day with no telephone or internet service. When the power is down nothing works including our telephone and fax service! So if you phone and the phone sounds like it is just ringing and ringing you will know we have no power (again). With winter here it may just get worse!

Thanks

COET PO Box 1269 Ferndale 2160. Tel / Fax / Answering Service 011 787 9706. E mail engineer@netactive.co.za

No 12.

All Contributions to Newsletter Welcome! We love receiving!

Letters of Comment on any matter
Reports and happenings
News articles and links
Anything of engineering or science interest
Anything that may tickle your fancy!

No 13. 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

Germany unveiled the world's first zero-emissions passenger train.

This environmentally friendly train is the first hydrogen technology-based locomotive. Hydrail was to be put into service on Germany's Buxtehude-Bremervörde-Bremerhaven-Cuxhaven line in the northwestern German state of Lower Saxony by December 2017.

The 'Coradia iLint' train is developed by French company Alstom.

Some salient features of the Coradia iLint:

The train harnesses the energy from a hydrogen fuel tank which is stored on the roof of the train.

The hydrogen fuel tank powers a fuel cell to generate electricity.

With a full tank, it will be able to travel up to 800 km (497 miles).

Hydrail offers a quieter ride in comparison to the traditional diesel engine models.

It has a comfortable speed of 140 km/h (87 mph).

It spews nothing but water.

It can accommodate 300 passengers.

The price of the hydrail was not revealed yet, but it is expected to be higher than that of diesel-powered trains.

And in RSA, Transnet Reports.

A surge in irregular expenditure to over R8-billion has triggered a qualification of Transnet's 2018 financial results. This eclipses an otherwise strong financial; and operational performance by the State-owned group. The irregular expenditure related primarily to procurement undertaken by Transnet outside of the parameters of the Public Finance Management Act and covered a five-year horizon. In 2017, Transnet reported irregular expenditure of just short of R700-million.

The results were also overshadowed by serious corruption allegations, relating to the purchase of 1 064 new diesel and electric locomotives.

These allegations are expected to feature strongly during the State Capture Commission of Inquiry. Deputy Chief Justice Raymond Zondo is leading the commission.

Bridges.

In Italy a major bridge collapsed killing 39 people.

In South Africa the City of Johannesburg the Johannesburg Roads Agency (JRA) has reported that out of the 902 bridges managed by the City, only 6% are in good condition.

The remaining 94% need immediate intervention.

"The city is facing a R170-billion infrastructure backlog. Do we have the money to address this backlog? I'm afraid not, but this issue needs our immediate attention. Some of our bridges are 60 - 90 years old, so we have a crisis in our city," Mayor Herman Mashaba told the media.

The Mayor had an oversight visit regarding structural defects at Selby and Karsene Bridge on the M2, where one lane has been closed due to the road sinking.

Ed: Wonder how the rest of RSA is doing? Might just be some work in the pipeline soon!

Two New Solar Plants in Namibia.

Two solar plants, Ejuva One and Ejuva Two, were opened in Gobabis, Namibia, recently.

The plant will feed an estimated 25.8 GWh/y into the nations national grid and is backed by a 25-year purchase agreement with utility Nampower.

This project is part of the 14 renewable energy projects commissioned under the interim Feed-in Tariff programme, which was initiated, to establish independent power producers in Namibia.

No 14.



The Joke Column.

Warning / Disclaimer.

We apologise in advance for any misconceptions as Sensitive readers are warned that the following may erroneously be taken to contain sex, violence, strong language, gender, race, ethics, politics etc. Readers are warned not to read or have any of the following read to them. Recommended readers age is limited to 130 and 161 years of age. A further requirement is you must have a sense of humour. You have been warned!!

No one was and is meant to be harmed by this Jokes Column! (and no animals were injured either)!

#. An old man, a Pilot, sat down at the Starbucks and ordered a cup of coffee.

As he sat sipping his coffee, a young woman sat down next to him..

She turned to the pilot and asked, 'Are you a real pilot?'

He replied, 'Well, I've spent my whole life flying biplanes, Cubs, Aeronca's, Neiuports, flew in WWII in a B-29, and later in the Korean conflict, taught 50 people to fly and gave rides to hundreds, so I guess I am a pilot.'

She said, 'I'm a lesbian. I spend my whole day thinking about naked women. As soon as I get up in the morning, I think about naked women. When I shower, I think about naked women. When I watch TV, I think about naked women. It seems everything makes me think of naked women.'

The two sat sipping in silence.

A little while later, a young man sat down on the other side of the old pilot and asked: "are you a real pilot?"

He replied, 'I always thought I was, but I just found out I'm a lesbian.'

Maths Jokes.

A farmer counted 196 cows in the field. But when he rounded them up, he had 200.

Professors Define a Kiss.

In math: **Two divided by nothing.**

In physics: **The contraction of the mouth due to the expansion of the heart.**

In accounting: **It's a credit, because it is profitable when returned.**

In economics: **A thing for which the demand is higher than the supply.**

In dentistry: **It's infectious and antiseptic.**

Parallel lines have so much in common.

It's a shame they never meet!

Politicians plan legislation on fixing this!

Q: Is Google male or female?

A: Female, because it doesn't let you finish a sentence before making a suggestion!

No15. Unsubscribe.

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

To unsubscribe send an email with ""**CET unsubscribe**"" in the text to engineer@netactive.co.za

Number 12. E. & O. E.

The Chamber of Engineering Technology (CET), 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 CET.

No16. DISCLAIMER

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No 17. See next page For Forms!

Free Ad for Members of COET & IPET. Update 2017 April.

Our previous notice regarding this has reference.

As some of the information provided by members may have been incomplete or too long or incorrectly captured we ask that you complete and return the form below so we can correctly load your information onto the list. The data will be made available on our Website and another yet to be created Website. We hope that this will improve networking opportunities for you. You only need to complete and send this if you wish to advertise your services. If you don't want to be on the list don't send it to us! All the information on this completed form will become available to the public. Kindly note this form is two (2) pages long.

Please fill in the form!

Question	Answer
1. Category (Aeronautical, Agricultural, Chemical, Civil, Electrical, Industrial, Mechanical, Metallurgical, Mining, Other – ONLY-- Chose not more than 2)	
2. Speciality Service (Consulting, Construction, Design, Fabrication, Manufacturing, Structural etc - <i>Not more than 8 words</i>)	
3. Membership Number	
4. Company name / self employed	
5. Company Registration number	
6. VAT number.	
7. Postal Address	
8. Telephone & Fax numbers	
9. Web address	
10. E Mail address	
11. Your name & initials	

Free Advert Service for Members.

Tel/Fax 011 787 9706

engineer@netactive.co.za

2016

In order to assist members in these difficult financial times and to improve networking opportunities between members, as well as helping one another in solving technical problems, IPET and its sister organisation (COET) is compiling a database of members and their company's competences.

This is FREE Service to COET & IPET members and will be made available to members. Also, but only with your permission, the database may be made available on our Website and another (yet to be launched) Website. The free advertising should help fellow members and also bring in further work opportunities.

The list will be divided initially into following categories, specialities/competences and thereafter alphabetical.

As much or as little information as you wish may be included. Note that COET & IPET reserves the right to shorten and summarize descriptions given to ensure that the list does not become too cumbersome to handle. No graphics or pictures are allowed.

1. Category:- Agricultural, Aeronautical, Chemical, Civil Construction, Civil Structural, Electrical (both heavy and light current), Electronics, Computers, Information Technology, Industrial Communication and Measurement, Radio, Broadcasting etc. Hobbies may be included if you wish, but please indicate it as a hobby. **(It is mandatory that information required in Categories 1 and 2 be specified or the information provided is meaningless as it cannot then be placed anywhere!!)**
2. Speciality/competency: Parts manufacturer/supplier, Nuclear, Servicing, Construction, Consulting etc.
3. Membership Number
4. Company Name / Self employed
5. Company Registration and VAT numbers
6. Postal Address
7. Telephone and Fax numbers
8. Web Address
9. E.mail Address

If you wish to be included in this list please indicate your acceptance of this offer by printing, signing and dating the form below. (*Three signatures and dates are required*)!

AND Please print your name, sign and date here accept the offer and prove that you have the authority to do so.

AND Finally print, sign, and date here to give your approval for placing your information on our Website and alternate (yet to be launched) Website.

NOTE: Acceptance of the above can be cancelled at any time in writing. Unless otherwise stated this signed form indicates acceptance of this offer for a period up to 31 December 2021

Sign and date again Please!

The Chamber of Engineering Technology

P O Box 1269, Ferndale 2160
To All Members

Fax 086 664 7963
E Mail engineer@netactive.co.za

Post & E Mails to you may not work! If you have not sent us an update in the last 12 months and details have changed please complete this form in large black font.

Return the completed form to us by E Mail or Post. Faxes not recommended due to poor quality.

You are strongly advised to provide us with your E mail address.

This will allow us to send you our regular E Newsletter. We have discontinued sending hardcopy newsletters by post at this time.

Form for Individual Members

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 This is important!		
Membership Number			
Engineering Council of SA Registration Number (If applicable)			
ID Number			
Race (For statistical purposes only) Government often demands this info.	Asian (Indian etc) = A Black = B	Coloured = C	White = W

