

ICMEESA news

January 2007

THE INSTITUTION OF CERTIFICATED MECHANICAL AND ELECTRICAL ENGINEERS, SOUTH AFRICA

Tel: +27(11) 487 1683

Fax: +27(11) 487 0001

Faxmail:0866718533

Website: www.icmeesa.com

Email: icmee@pixie.co.za

Street Address: 18A Gill Street,
Observatory
Johannesburg
2198

Postal Address: PO Box 93480
Yeoville,
2143



ICMEESA President: Mr Vaughan Townsend



ICMEESA – President Elect 2007
Mr Chris Schnehage

1. Office bearers Elected for 2007

In accordance with clause 3.4 of the constitution:
The President, Vice Presidents and Honorary Treasurer for the ensuing year shall be Members of the Institution and shall be elected by the Council. Their election shall be announced at the Council Meeting of the Institution immediately preceding the Annual General Meeting.

At the meeting held on 7th November 2006 the following members were elected:

President:	Chris Schnehage
Immediate Past President:	Vaughan Townsend
Vice President:	Jack Cunnington
Honorary Treasurer:	Robbie Holmwood

Council members:

Obed Letsholo
Keith Potter
Klaus Schönteich
du Toit Grobler,
Andre du Plessis,
Gus Müller,
Rob Higgo,
Ian Buchanan

Branch Chairpersons:

Klerksdorp District Branch
Rustenburg District Branch
Western Cape Branch
KwaZulu-Natal Branch
Free State Branch
Eastern Cape Branch
Central Branch

CONTENTS

1. Office bearers elected for 2007.
2. Financial review 2006.
3. Membership trends.
4. New Members 2006.
5. Study Bursaries.
6. Recognition as a Voluntary Association.
7. The Future Certificated Engineering Qualification/
8. ICMEESA - AGM notification.

2. Financial Review 2006

The financial situation of ICMEESA remains sound with the financial year of 2006 ending on a positive note.

Thank you to our members for their prompt payment of subscriptions which, combined with good control of expenditure by the secretary, has resulted a slight surplus for the year.

Subscription income is our main source of income with the only other income being interest from investments, and income from the WP Jones Bursary Trust Fund. The financial statements will be submitted to the auditors for presentation at the Annual General Meeting which will be on 30 March 2007.

Bursary expenditure was R35 700. Bursary income from the WP Jones trust fund was R34 400. Although bursary expenditure is slightly in excess of bursary income, accumulated bursary funds from previous years is utilised to finance the deficit.

The operational expenditure includes a total of R28 000 which is paid to branches as a percentage of annual subscriptions received from members of that specific branch. This is to assist the branches with the expenditure incurred in running branch activities.

Due to the ongoing positive response from members for prompt subscription payment, subscription increases for 2007 have been restricted to 4% and are as follows:

- Senior R 517.00
- Member R 517.00
- Associate R 517.00
- Student R 388.00
- Patron R 1034.00
- Retired <20 R 258.00
- Retired >20 R 129.00

3. Membership Trends

There has been a continued positive trend in the new membership figures for the previous number of years. A total of 47 new members were recruited in 2006. Considering the number of engineers emigrating and the reducing numbers of engineers in the gold mining industry, this is an encouraging trend.

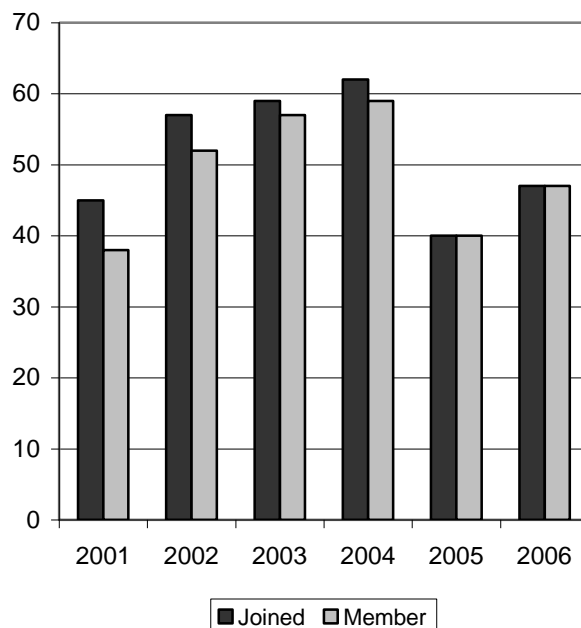
The membership graph displays the number of members that "joined" that specific year, with the adjacent bar on the right displaying the number of members from that years recruiting, which are paid up members as at December 2006.

Taking the members recruited in 2001. A total of seven are no longer paid up members. One member resigned, while the other six are reflected on our database as "lost". We record members as "lost" when we are unable to contact the member. This normally occurs when members fail to update their contact details when changing employers or relocating.

The "lost" member problem is also exacerbated by subscription payments being made without the correct reference number being used. The reference number shown on the invoice is the member's membership number, preceded by the year invoiced. This mostly occurs when payments are made on behalf of the member by his employer without using the correct reference number. Certain companies make bulk payments on behalf of a group of members. In this case, the secretary will have difficulty in associating the payment to the specific

member. We request members to have the employer fax or mail a remittance note to ICMEESA, listing the names of the members paid for, if they are unable to use our requested reference number.

MEMBERSHIP TRENDS GRAPH



Members are encouraged to regularly update their contact details on our website at www.icmeesa.com. New members can also sign on by completing the online application form which takes a few minutes to complete.

Should a member wish to resume membership, as a result of having lost contact due to omission to update his address, Council will review continued membership without the member having to pay arrears subscriptions.

4. New Members for 2006

ICMEESA welcomes the following new members for 2006:

<u>Title</u>	<u>Surname</u>	<u>Initials</u>	<u>Branch</u>
Mr	Africa	BB	Central
Mr	Albertyn	W	Westcape
Mr	Awe	OO	Central
Mr	Bedeker	IW	Westcape
Mr	Bhugwandin	P	Kwazulu
Mr	Botha	SJ	Central
Mr	Brown	SG	Westcape
Mr	Buckley	RS	Central
Mr	Bullock	HJ	Central
Mr	Buys	HJ	Central
Mr	Clark	BA	Central
Mr	Dipeere	AM	Central
Mr	Dladla	S	Kwazulu
Mr	Hayes	RB	Kwazulu
Mr	Houston	MA	Central
Mr	Kotze	G	Central
Mr	Krishnaswamy	S	Central
Mr	Lombaard	JJ	Westcape

Mr	Malkiewicz	T	Central
Mr	Matagne	F	Kwazulu
Mr	Mazibuko	MLS	Kwazulu
Mr	Mdlalose	B	Kwazulu
Mr	Mtetwa	BC	Rustenburg
Mr	Myataza	NM	Kwazulu
Mr	Naidoo	K	Kwazulu
Mr	Naidu	K	Kwazulu
Mr	Nair	D	Kwazulu
Mr	Ngangoue Leuga	M	Central
Mr	Notununu	F	Central
Mr	Nqandela	A	Rustenburg
Mr	Nyamukapa	T	Central
Mr	Odayar	M	Kwazulu
Mr	Owen	NZ	Kwazulu
Mr	Payne	M	Central
Mr	Petersen	Y	Eastcape
Mr	Phillips	DK	Eastcape
Mr	Pillay	K	Kwazulu
Mr	Pinheiro	RFR	Central
Mr	Potter	BA	Westcape
Mr	Singo	E	Central
Mr	Smart	AT	Central
Mr	Smit	FAC	Central
Mr	Turner	JA	Westcape
Mr	van Vuuren	JJ	Central
Mr	Warchol	J	Central
Mr	Weber	WH	Central
Mr	Wessels	JJ	Central

5. Study Bursaries

Two university bursars have been sponsored since 2005.

The bursary holders are:

- Jasoda Naidoo from Chatsworth in Durban. Jasoda is registered at the University of KZN studying electrical engineering.
- Ernest De La Hunt from Rustenburg in the North West. Ernest is registered at the University of North West and is studying mechanical engineering.

Council will review the continued support for these two bursars depending on the results achieved for the past year. The bursary covers the costs of tuition, books and other associated cost with approval of council. Total cost for 2006 are commented on under the section on finances.

Both bursars are children of members of ICMEESA. Although bursaries are not restricted to our members' families, they will be given favorable consideration. Bursary application forms can be obtained on the website or from the secretary.

6. Recognition as a Voluntary Association.

ICMEESA is recognized as a voluntary association with ECSA. The benefit of this is that our members will be granted by ECSA, in terms of section 12(2) of the Act, a reduction in annual fees payable by

registered persons who are members in good standing of a voluntary association.

Why the need to have formal recognition as a voluntary association? Certain of our Council members play an active role in ECSA, ensuring that the interests of the Certificated Engineer are adequately addressed. This is part of the hidden added value of membership of the ICMEESA that our average member is not aware of.

How much influence do they have? The Engineering Profession Act, 2000 (Act No. 46 of 2000), Section 25, stipulates the requirements for the recognition of Voluntary Associations.

Section 26 of the Act stipulates that Voluntary Associations "must" be consulted with if they may be affected by any laws regulating the built environment professions regarding the identification of the type of engineering work which may be performed by persons registered in any of the categories.

The term Voluntary Association occurs eighteen times in the Act and obliges Council to consult with the voluntary association in terms of the following:

- Nominating persons as members of Council
- Determining Competency Standards
- Determining Continuing Professional Development (CPD) requirements.
- Identification of work.
- Drafting of Code of Professional Conduct.
- Determining Professional Fees
- Rectification of errors or exemption of the Act.

ESCA is also undertakes to give preference to persons nominated by voluntary associations for purposes of appointment as members of the Council and any of its committees.

Advising ECSA your membership of ICMEESA not only benefits the member financially, but also assists in the amount of influence out actively participating members have on the decision making bodies.

7. The Future Engineering Qualification

Articles in the ICMEESA newsletter of March 2006 addressed the country wide problems with respect to the unavailability of competent engineers and the use of unqualified persons to perform tasks for which they were not qualified to perform.

The importance of engineering activity cannot be underestimated, as it is essential to both economic activity and to national development. Engineering activity involves health, safety, environmental and sustainability risks that must be managed. Effective, safe and sustainable engineering activity is founded on the competence of engineering professionals.

We can either debate the problem further, or, actively participate in a solution. The previous article on Voluntary Associations describes where we, as members of ICMEESA, can influence the process to our desired outcome, specifically with respect to changes affecting the Professional Certificated Engineer.

This article attempts to summarise the process in which ICMEESA is actively represented. Our members are playing a leading role with other stakeholders to define the way forward to establishing the level of qualification and structures required for the future Certificated Engineer.

Engineering activities involve a number of recognised roles that fall into three broad groups.

- First, the *engineering professionals* are the Professional Engineer, Professional Engineering Technologist, Professional Engineering Technician and the Professional Certificated Engineer.
- Second, *engineering support occupations* include inspectors, draftsmen and supervisors.
- Third, the team is completed by various *artisans*. The first two groups fall into the higher education and training band. Professionals and some support occupations are regulated by the Engineering Profession Act.

At present, the requirement for registration as a Professional Certificated Engineer is the attainment of a Government Certificate of Competency, based on prescribed responsible experience. There are several routes to obtaining a Government Certificate of Competency. Stakeholders are interested in moving to a new dispensation where Registration as a CE replaces the GCC examination for the purposes of the various health and safety acts. This development has two consequences:

- With the proposed move from the Government Certificate of Competency examination to registration as a licencing mechanism, it has been necessary to define the competencies for practice as a Certificated Engineer.
- Review of the professional competency calls for the required educational level to be defined. One of the routes available at present to progress to Certificated Engineer and Certificated Manager, namely via the N6 or National N-Diploma will no longer be available after 2009. The educational routes toward becoming a Certificated Engineer have also been subject to scrutiny and new qualifications have been proposed.

A number of pathways need to be identified for candidates to attain the required certificate in future. The purpose of the process presently under way, is to establish a system whereby a person meeting the requirements of this qualification is assessed as competent at the level required for entry to:

- Registration with the Engineering Council of South Africa as a Professional Certificated Engineer, and the accompanying statutory licensing.
- Recognition as a competent Certificated Engineer for specific statutory, industry or company functions:
 - Certificated Engineer (Electrical : Factories)

- Certificated Engineer (Mechanical: Factories)
- Certificated Engineer (Electrical : Mines)
- Certificated Engineer (Mechanical : Mines)
- Certificated Engineer (Mining : Metalliferous)
- Certificated Engineer (Mining: Coal)
- Certificated Engineer (Merchant Shipping)

The seven Certificated Engineer Qualifications have a common set of generic competencies expressed in the form of outcomes, assessment criteria and level descriptors in this standard. The Stage 2 Certificated Engineer Certificate indicates that the holder is competent to:

- Perform work in a broadly-defined engineering environment.
- Solve broadly-defined engineering problems;
- Take responsibility for engineering work within the competencies defined in this standard and specifically as required in Health and Safety legislation.

The context of assessment, expressed in terms of the engineering, management and legal knowledge, differentiates the various qualifications. The contextual information for each certificate is defined in the respective range statement.

Learnerships may be attached to the Stage 2 Certificated Engineer Qualification designed to achieve the exit-level competency to be achieved. Details of the Learnership, or other training programme, may be defined in unit standards, as a skills plan or in any other way, but must lead to summative assessment against this standard.

Each certificated engineer, by the time of reaching the point of assessment against this standard, will have followed a programme of education, training and experience that may conform to an established pattern or may be distinctive. Each individual therefore develops an area of knowledge and expertise that, in addition to the common elements listed below, may be distinctive. This pattern of knowledge and expertise is termed the individual's practice area. A practice area falls in a particular industry context, for example factories or mines.

It must be understood that the award of the professional designation, or professional title, such as Pr Cert Eng, is the product of the separate registration process. An applicant, irrespective of the route followed, must demonstrate competency against standards prescribed for the category of registration.

8. Annual General Meeting

Please be advised that the Annual General Meeting will take place on:

Date: 30 March 2007

Time: 18:00

Venue: Observatory