

**FIFTH ANNUAL REPORT OF THE  
SOUTH AFRICAN  
TECHNOLOGY NETWORK (SATN)  
FOR THE YEAR 2012**





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CPUT	Cape Peninsula University of Technology
CUT	Central University of Technology
DHET	Department of Higher Education and Training
DoL	Department of Labour
DST	Department of Science and Technology
DUT	Durban University of Technology
ECSA	Engineering Council of South Africa
EDTP SETA	The Education, Training and Development Practices Sector Education and Training Authority
FET Colleges	Further Education and Training Colleges
JPL	Jet Propulsion Laboratory
MerSETA	Manufacturing, Engineering and Related Services Sector Education and Training Authority
MoU	Memorandum of Understanding
MUT	Mangosuthu University of Technology
NASA	National Aeronautics and Space Administration (US)
NSTF	National Science and Technology Forum
TIA	Technology Innovation Agency
TUT	Tshwane University of Technology
SACPO	South African College Principals Organisation
SATN	South African Technology Network
SETA	Sector Education and Training Agency
VUT	Vaal University of Technology
UASnet	Universities of Applied Sciences Network
WFCP	World Federation of Colleges and Polytechnics
WIL	Work Integrated Learning







**Cape Peninsula University of Technology (CPUT)**  
Vice-Chancellor: Prof Lineo Vuyisa Mazwi-Tanga



**Central University of Technology (CUT)**  
Vice-Chancellor and Principal: Prof. Thandwa Mthembu



**Durban University of Technology (DUT)**  
Vice-Chancellor and Principal: Prof Ahmed Bawa



**Mangosuthu University of Technology (MUT)**  
Vice-Chancellor and Principal: Prof Mashupye Ratale Kgaphola



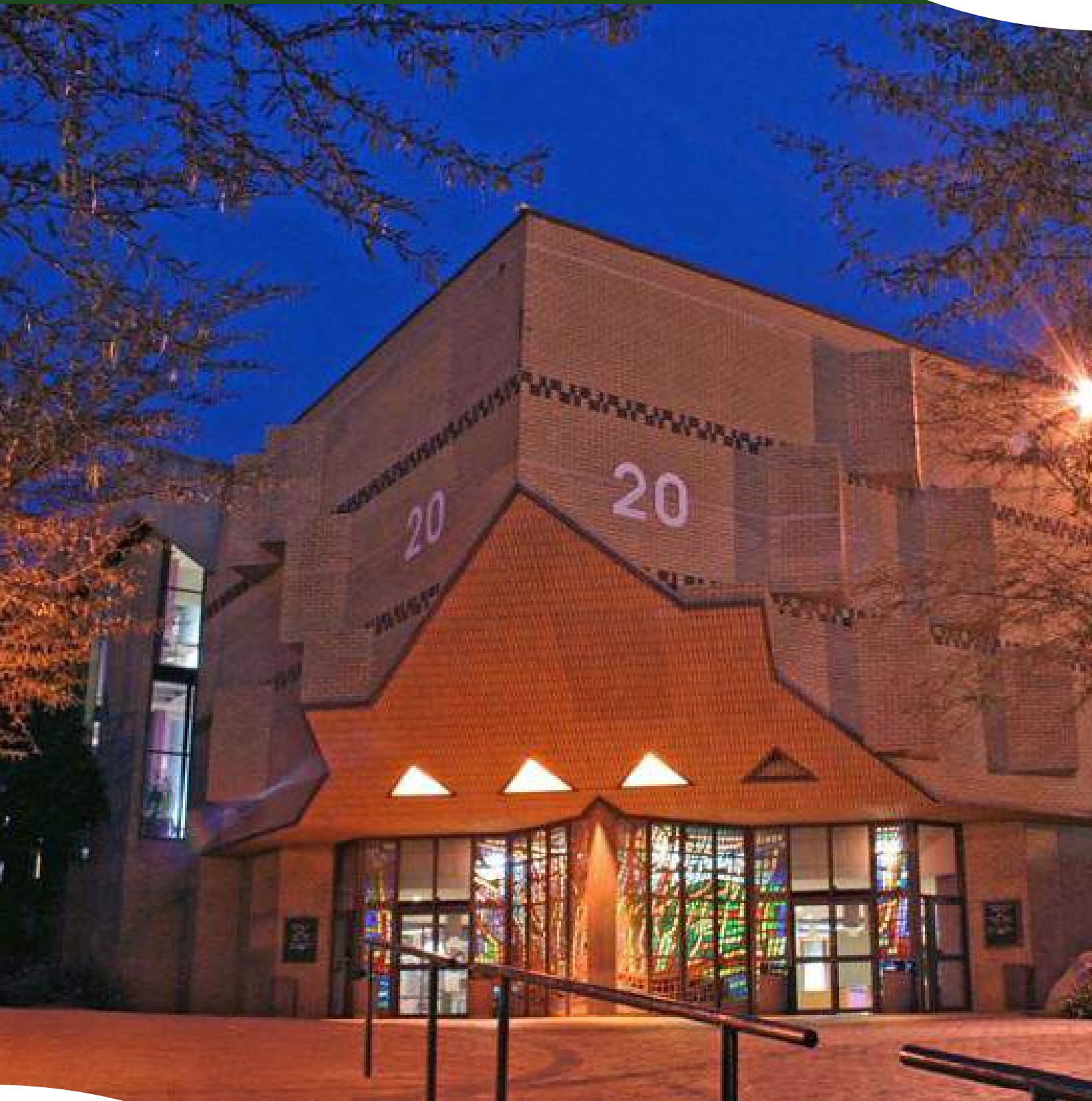
**Tshwane University of Technology (TUT)**  
Vice-Chancellor and Principal: Prof Nthabiseng Ogude



**Vaal University of Technology (VUT)**  
Vice-Chancellor and Principal: Prof Irene Moutlana



**Polytechnic of Namibia**  
(Associate member of the SATN)  
Rector: Dr Tjama Tjivikua







**Prof Thandwa Mthembu (SATN Chairman)**

Vice-Chancellor and Principal of Central University of Technology



**Prof Lineo Vuyisa Nazwi-Tanga (SATN Deputy Chairman)**

Vice-Chancellor of Cape Peninsula University of Technology



**Prof Ahmed Bawa**

Vice-Chancellor and Principal of Durban University of Technology



**Prof Mashupye Ratale Kgaphola**

Vice-Chancellor and Principal of Mangosuthu University of Technology



**Prof Nthabiseng Ogude**

Vice-Chancellor and Principal of Tshwane University of Technology



**Prof Irene Moutlana**

Vice-Chancellor and Principal of Vaal University of Tehcnology



**Dr Anitha Ramsuran**

Manager: Human Capital Development, Technology Innovation Agency (TIA)



**Dr Jeffrey Mabelebele**

Acting Chief Executive Officer (CEO) of Higher Education South Africa (HESA)



**Dr Engela van Staden**

Chief Director: University Academic Planning and Management Support  
of the Department of Higher Education and Training (DHET)







## INTRODUCTION

Liaison and branding formed an important part of the work of the Secretariat during 2012 and the SATN continued to advocate the cause of the universities of technology nationally and internationally. Concerted efforts were made to liaise with parties of interest. The SATN/SACPO task team continued its work on the student articulation between FET Colleges and the UoTs, assistance with work integrated training of FET Staff and FET lecturer development. Financial resources are the main obstacles in the execution of the interventions. The transfer of the SETAs from the Department of Labour (DoL) to the Department of Higher Education and Training (DHET) made it imperative for higher education institutions to liaise with the SETAs. The SATN initiated discussions with various SETAs. The SATN became a member of the SETA CEO Forum Subcommittee for Artisans, Technicians and Technologists. The ETDP SETA and the MerSETA are in the process of finalising MoUs with the SATN for signing. The SATN is negotiating with the Engineering Council of South Africa (ECSA) to become recognised as a Voluntary Association. The SATN became an Associate member of the World Federation of Colleges and Polytechnics (WFCP). A paper on the SATN Internationalisation was read at the Universities of Applied Sciences Network (UASnet) in Bragança, Portugal. Discussions regarding cooperation between the SATN and UASnet are taking place. The Waterford Institute of Technology in Ireland has approached the SATN and negotiations about formal cooperation are underway.







## UNIVERSITIES OF TECHNOLOGY AND HIGHER EDUCATION

Universities of Technology (UoTs) are increasingly experiencing the pressure of escalating numbers of students demanding access for further studies. The student enrolment at UoTs increased from 139844(2003) to 154494 (2012). As public organisations, UoTs are expected to produce diplomates and graduates for the modern knowledge society. Due to the poor quality of the school leavers additional resources must be allocated for supplementary courses and academic support to maintain standards required by employers. This is placing an additional burden on the financial resources of UoTs.

The localities and the change in status of the UoTs forced them to respond to the regional demands since their inception in 2003 and this resulted in the diversification of the six UoTs from the former fairly similar technikons. A major implication of the HEQSF was that all the old Technikon programmes became redundant and new curricula had to be designed. This implied that each UoT now had to develop staff with curriculum design expertise. The development of new programmes by each UoT contributed to the programme and qualification diversity of these new generation universities. Due to the distribution and different new identities of these institutions competition between them was virtually eliminated and this makes it possible for them to function as an organic system.

The SATN coordinated the UoT comments on the Green Paper for Post-School Education and **Training** published in January 2012 by the Department of Higher Education and Training (DHET). To ensure informed comments sections of the Green Paper were referred for comment to University of Technology members with specialist knowledge of the selected sections. With the contributions of more than 70 UoT staff members 35 pages of comments were submitted to the DHET.

The SATN also submitted comments to the DHET on the proposed Qualification Sub-frameworks for General and Further Training and Education, Higher Education, and Trades and Occupations discussion document (Government Gazette No. 34883, 23 December 2001) on 7 March 2012. Prof Chris Winberg was the co-ordinator of this project.





## **SATN TRUST**

Certain Vice-Chancellors had left the UoT sector (and therefore the SATN) and a number of external SATN Board Members resigned from the SATN Board since the registration of the SATN Trust in 2008 and it became necessary to update the SATN Trust. The relevant documents were signed by all SATN Board members on 30 October 2012 and were submitted to the Master of the Free State High Court, Bloemfontein. The SATN received the new authorization letter on 5 February 2013.

## **ESTABLISHMENT OF THE SATN:**

The SATN was established in order to:

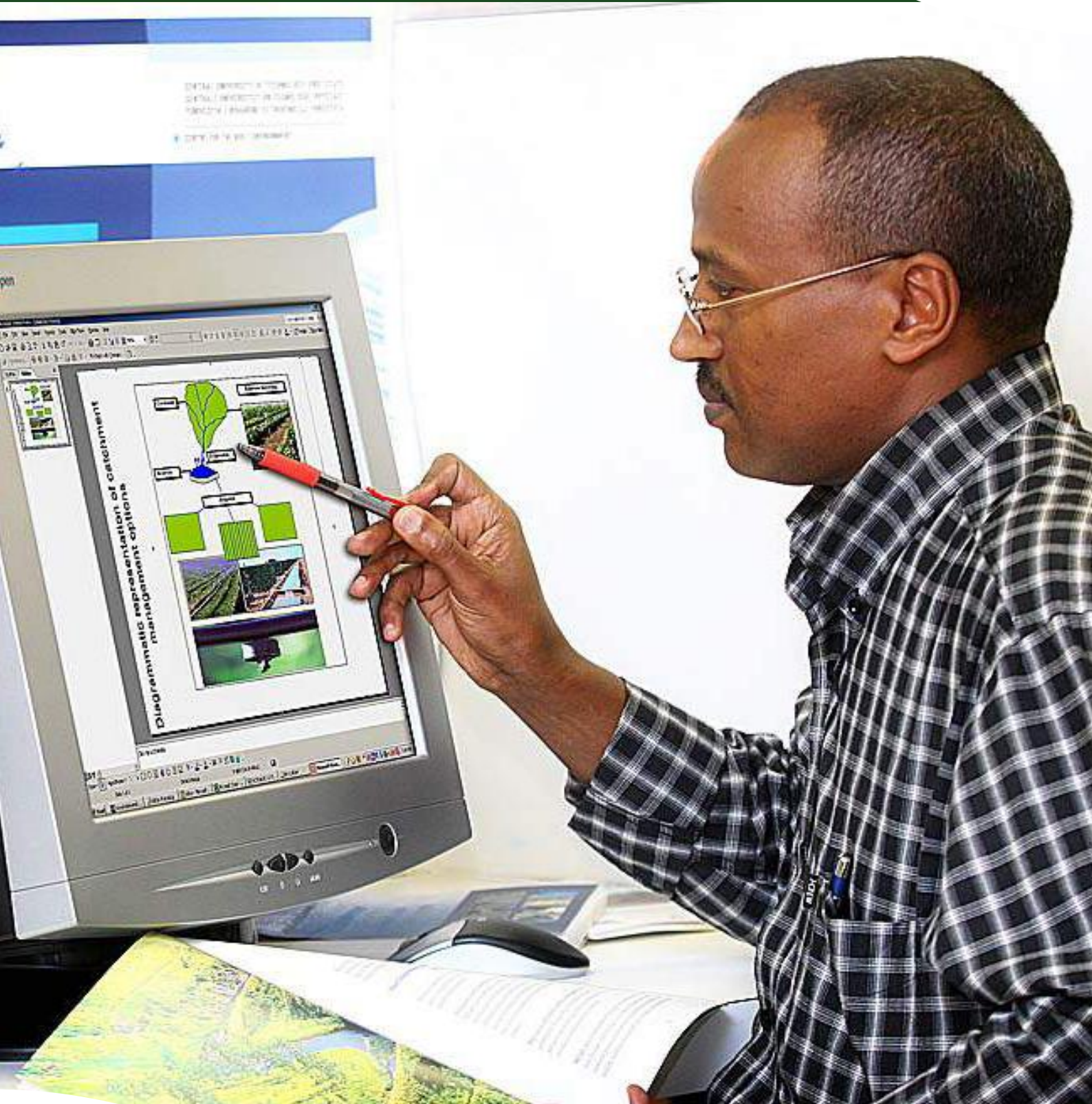
- promote the common interests of the UoT's
- present the views of the Universities of Technology on a national and international level
- Influence the development of National Education and Training policies in accordance with nature and character of the Universities of Technology
- promote mobility and employability of University of Technology students
- promote academic quality by building strong Universities of Technology
- promote relevant research and development
- assist with the transfer of appropriate technologies
- promote co-operation between the universities and commerce and industry

## **ROLE OF THE SATN**

### **The SATN will:**

- provide a forum to discuss higher education issues at the universities of technology, including work integrated learning (WIL), teaching, research training, technological innovation and technology transfer;
- advocate the needs, interests and purposes of technological higher education and their communities to government, industry and other groups;
- develop policy positions and guidelines on various related higher education matters;
- encourage international co-operation;
- foster links and exchanges of information with similar organizations in higher education in South Africa and abroad;
- act as a source of information about South African technology higher education institutions;
- share best practices in higher education.







## KEY PROJECTS OF THE SATN

- Maintenance of the database of the different technologies available in the Universities and the experts driving the different Technologies
- Fundraising for the UoT sector and SATN Secretariat
- Branding and marketing of the UoT sector
- Publication of an annual UoT Profile containing the developed Performance Indicators at Universities of Technology and assessment of their possible impact on funding and financial management
- Establishing benchmarks/criteria for Universities of Technology in South Africa
- On-going liaison and networking with ATN, the Finnish Universities, the German Fachhochschulen, the European Network for Universities of Applied Sciences (UASNET); and the World Federation of Polytechnics and Colleges. Also with relevant Government Departments and Agencies such as the Department of Science and Technology (DST), National Research Foundation (NRFL the Technology Innovation Agency (TIA) and the National Science and Technology Forum (NSTF)
- Co-ordinating the SATN Project Committees
- Development, updating and maintenance of the SATN Website

## ACHIEVEMENTS OF THE SATN

- SATN position papers were produced on:
  - Place and Role of Universities of Technology in South Africa
  - Position of the SATN Board on the current status and recognition of Universities of Technology in the Restructured Higher Education Landscape
  - Research at Universities of Technology
  - Work Integrated Learning in the new HEQF
  - Higher Education Qualification Framework
  - Towards a fair and transparent HESA approach to institutional differentiation in the South African Higher Education System
- CHE WIL Resource guide was published
- Five successful international conferences were held in 2008, 2009, 2010, 2011 and 2012
- The Database of Technologies and Services was launched in 2010 and is continually updated
- The UoT Branding and Marketing Campaign was launched in 2009 and continued in 2010, 2011 and 2012
- International links were established and fostered with ATN, UASNET, ARENE and the WFCP
- Development of Performance Indicators for UoTs and the compilation of the 2011 UoT Performance Profile
- UoT Study Brochure for 2011/2012 and other branding materials
- Since 2008 the SATN has raised external funds for SATN projects to the value of R1,649,897.05.





### SATN BOARD MEMBERS AND ATTENDANCE OF BOARD MEETINGS

Nr	Name	Organisation	Position	Attendance of Board meetings		
				March 2012	June 2012	October 2012
1	Prof Thandwa Mthembu (Chairman)	Central University of Technology	Vice-Chancellor and Principal	✓	✓	✓
2	Prof Lineo Vuyisa Mazwi-Tanga (Deputy Chairman)	Cape Peninsula University of Technology	Vice-Chancellor	✓	x	✓
3	Prof A Staak	Cape Peninsula University of Technology	DVC Academic (attended on behalf of Prof Mazwi-Tanga)	x	✓	x
4	Prof Ahmed Bawa	Durban University of Technology	Vice-Chancellor and Principal	✓	x	✓
5	Prof N Gawe	Durban University of Technology	DVC: Institutional Support (attended on behalf of Prof Bawa)	x	✓	x
6	Prof Mashupye Kgaphola	Mangosuthu University of Technology	Vice-Chancellor and Administrator	✓	✓	✓
7	Dr Rose Laka-Mathebula	Mangosuthu University of Technology	Executive Director, Office of the VC	x	x	✓
8	Prof N Ogude	Tshwane University of Technology	Vice Chancellor and Principal			✓
9	Dr Prins Nevhutalu	Tshwane University of Technology	(attended on behalf of Administrator, Prof T Mosia	✓	x	x
10	Prof Irene Moutlana	Vaal University of Technology	Vice-Chancellor and Principal	✓	✓	x
11	Prof Alwyn Louw	Vaal University of Technology	DVC Academic (attend on behalf of Prof Moutlana)	x	x	✓
12	Dr Tjama Tjivikua	Polytechnic of Namibia	Rector	✓	x	x
13	Mr C Jafta	Polytechnic of Namibia	Registrar (attended on behalf of Dr Tjivikua)	x	✓	✓
14	Prof Geoffrey Mabelebele	Higher Education South Africa	Acting Chief Executive Officer	✓	✓	✓
15	Dr Engela van Staden	Department of Higher Education and Training	Acting Chief Director: University Academic Planning and Management Support	✓	✓	✓
16	Dr Anitha Ramsuran	Technology Innovation Agency	Manager: Human Capital Development	✓	✓	✓
17	Prof CAJ van Rensburg	South African Technology Network	Director: SATN Secretariat	✓	✓	✓
18	Mrs C Venter	South African Technology	SATN Secretariat	✓	✓	✓







### SATN Programme and Qualifications Committee

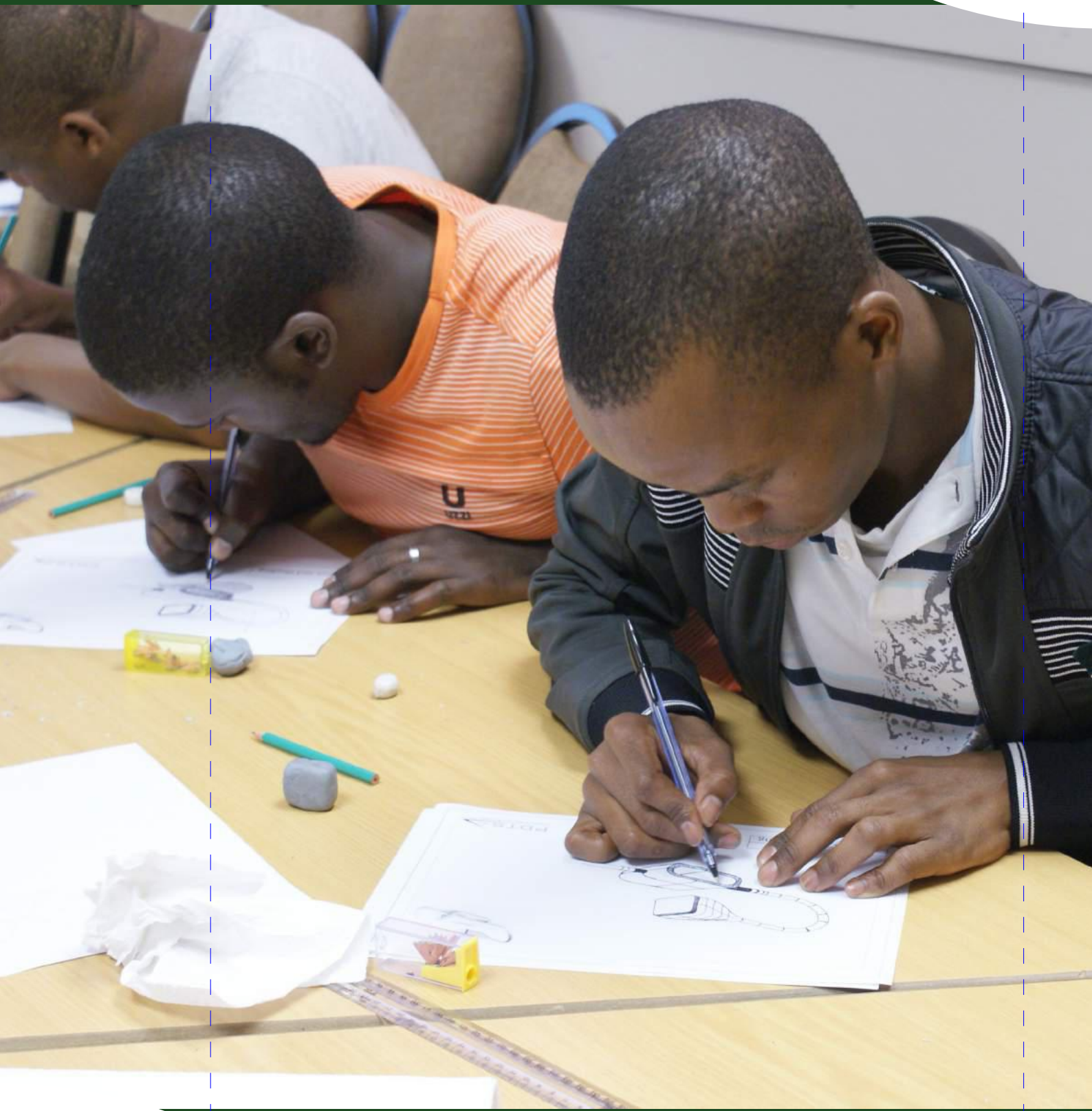
Chairperson: Prof Anthony Staak

Nr	Name	Organisation	Attendance of meetings			
			February 2012 (Online)	May 2012 (online)	July 2012 (online)	October 2012 (F2F)
1	Prof A Staak (Chairperson)	Cape Peninsula University of Technology	x	✓	✓	✓
2	Prof A Louw	Vaal University of Technology	x	x	x	x
3	Dr J Smit	Vaal University of Technology	✓	✓	✓	x
4	Ms O Evangelou	Vaal University of Technology	x	x	x	✓
5	Mr Chris Steyn	Vaal University of Technology	x	x	x	x
6	Prof A Erasmus	Tshwane University of Technology	✓	✓	✓	✓
7	Dr L van Ryneveld	Tshwane University of Technology	✓	x	x	✓
8	Dr D Naidoo	Tshwane University of Technology	x	x	x	x
9	Ms K Sattar	Durban University of Technology	✓	✓	✓	✓
10	Ms L Cooke	Durban University of Technology	✓	✓	x	✓
11	Ms Marianne Bester	Cape Peninsula University of Technology	✓	✓	✓	✓
12	Prof Chris Winberg	Cape Peninsula University of Technology	✓	✓	✓	x
13	Ms Luclaire Airey	Cape Peninsula University of Technology	x	✓	✓	✓
14	Mr R Bouwer	Central University of Technology	x	x	x	x
15	Prof Mabokang Monnapula-Mapesela	Central University of Technology	✓	✓	✓	✓
16	Prof Talvin Schultz	Central University of Technology	x	x	x	x





Nr	Name	Organisation	Attendance of meetings			
			February 2012 (Online)	May 2012 (online)	July 2012 (online)	October 2012 (F2F)
17	Ms Chichi Maimane	Central University of Technology	✓	✓	✓	✓
18	Prof Ndlazi	Mangosuthu University of Technology	✓	✓	×	×
19	Prof C Jinabhai	Mangosuthu University of Technology	×	×	×	×
20	Mr G Govendor	Mangosuthu University of Technology	×	×	×	×
21	Mr Jerry Beukes	Polytechnic of Namibia	✓	✓	✓	×
22	Dr M Wessels	Tshwane University of Technology	×	✓	×	✓
23	Prof H de Jager	Central University of Technology	×	×	×	✓
24	Mr H Jacobs	Central University of Technology	×	✓	×	✓
25	Mr JM Makua	Mangosuthu University of Technology	×	✓	×	✓
26	Ms A Moletsane	Vaal University of Technology	×	×	×	×
27	Mr C Selepe	Tshwane University of Technology	✓	✓	×	×
28	Dr I Tlhabadira	Tshwane University of Technology	×	✓	×	×
29	Mr S Ori	Durban University of Technology	×	✓	×	×
30	Mr C Pop	Polytechnic of Namibia	×	×	×	×
31	Mr D Mack	Mangosuthu University of Technology	×	✓	✓	×
32	Dr J Nduna	Cape Peninsula University of Technology	×	✓	✓	×
33	Mr Du Toit de Beer	Tshwane University of Technology	×	×	✓	×
34	Mr A Maphosa	Durban University of Technology	×	×	×	×
25	Prof CAJ van Rensburg	South African Technology Network	✓	✓	✓	×
36	Ms C Venter	South African Technology Network	✓	×	✓	×
37	Ms E Sekese	South African Technology Network	✓	×	✓	×







**SATN Coordinating Research, Innovation and  
Technology Transfer Committee**

**Chairperson: Prof Laetus Lategan**

Nr	Name	Organisation	Attendance of meetings		
			February 2012 (online)	May 2012 (Online)	July 2012 (online)
1	Prof L Lategan (Chairperson)	Central University of Technology	✓	✓	✓
2	Dr B Johnson	Vaal University of Technology	x	x	x
3	Prof Deon de Beer	Vaal University of Technology	x	x	x
4	Dr J Jooste	Vaal University of Technology	x	x	x
5	Prof S Moyo	Durban University of Technology	✓	✓	x
6	Prof G Prinsloo	Durban University of Technology	✓	x	✓
7	Dr C Nhlapo	Cape Peninsula University of Technology	✓	✓	x
8	Prof D Makinde	Cape Peninsula University of Technology	x	x	x
9	Dr P Nevhuthalu	Tshwane University of Technology	x	x	x
10	Dr M Msibi	Tshwane University of Technology	✓	✓	x
11	Mr A Noma	Tshwane University of Technology	x	x	x
12	Dr M Wessels	Tshwane University of Technology	x	✓	x
13	Dr A Mienie	Mangosuthu University of Technology	x	✓	✓
14	Mr ACV Notshweleka	Mangosuthu University of Technology	✓	✓	✓
15	Prof Akash Anandraj	Mangosuthu University of Technology	x	✓	✓
16	Prof Deon De Beer	Vaal University of Technology	x	x	x
17	Mr Sfiso Qwabe	Mangosuthu University of Technology	✓	x	x
18	Dr Ochieng Aoyi	Vaal University of Technology	✓	x	x
19	Prof CAJ van Rensburg	South African Technology Network	✓	✓	✓
20	Mrs C Venter	South African Technology Network	x	✓	✓
21	Ms E Sekese	South African Technology Network	x	✓	✓









### SATN Teaching, Learning and Technology Committee

**Chairperson: Mr Izak (Sakkie) Smit**

Nr	Name	Organisation	Attendance of meetings			
			February 2012 (online)	May 2012 (online)	August 2012 (online)	October 2012 (F2F)
1	Mr S Smit (Chairperson)	Cape Peninsula University of Technology	✓	✓	✓	✓
2	Dr E Ivala	Cape Peninsula University of Technology	×	×	×	×
3	Mr H Pretorius	Cape Peninsula University of Technology	×	×	×	×
4	Mr D Bleazard	Cape Peninsula University of Technology	×	✓	×	×
5	Ms F Nofemela	Cape Peninsula University of Technology	×	×	×	×
6	Ms A Lombard	Vaal University of Technology	✓	×	×	✓
7	Dr J Smit	Vaal University of Technology	✓	×	×	✓
8	Mr C Steyn	Vaal University of Technology	✓	✓	✓	✓
9	Mr Y Naidu	Vaal University of Technology	✓	✓	✓	×
10	Mr T Tsotetsi	Vaal University of Technology	×	×	×	×
11	Mr P Maleke	Vaal University of Technology	×	×	×	×
12	Mr J Badenhorst	Central University of Technology	×	✓	✓	✓
13	Mr O Selolo	Central University of Technology	✓	×	✓	×
14	Mr A Magwentshu	Central University of Technology	✓	✓	×	✓
15	Prof Mabokang Monnapula-Mapesela	Central University of Technology	×	×		×
16	Mr R Pengilly	Central University of Technology	×	×	×	✓
17	Mr R van der Walt	Central University of Technology	✓	✓	✓	×
18	Ms M Pete	Durban University of Technology	×	✓	×	×







Nr	Name	Organisation	Attendance of meetings			
			February 2012 (online)	May 2012 (online)	August 2012 (online)	October 2012 (F2F)
19	Mr V Singh	Durban University of Technology	x	x	x	✓
20	Mr R Naicker	Durban University of Technology	✓	✓	✓	✓
21	Dr D Steyn	Tshwane University of Technology	x	x	x	x
23	Mr D le Roux	Tshwane University of Technology	✓	✓	x	x
24	Prof S Ojo	Tshwane University of Technology	x	x	x	x
25	Ms P Lugayeni	Mangosuthu University of Technology	x	x	x	x
26	Mr S Langa	Mangosuthu University of Technology	x	✓	x	x
27	Mr J Okuthe	Mangosuthu University of Technology	x	x	x	x
28	Mr R Bhagawat	Mangosuthu University of Technology	x	x	x	x
29	Mr J Thompson	Mangosuthu University of Technology	x	x	✓	x
30	Mr M Naidoo	Mangosuthu University of Technology	x	x	x	x
31	Dr M Ktjivikua	Polytechnic of Namibia	x	x	✓	x
32	Mr H Joshi	HCT-UAE	x	x	x	x
33	Mr Keshal Dhurup	Vaal University of Technology	x	x	✓	x
34	Dr Moeketsi Sesemane	Tshwane University of Technology	x	x	x	✓
35	Dr Ben van der Merwe	Central University of Technology	x	x	✓	✓
36	Prof CAJ van Rensburg	South African Technology Network	✓	x	✓	x
37	Mrs C Venter	South African Technology Network	✓	✓	✓	x
38	Ms E Sekese	South African Technology Network	✓	✓	✓	x





## BRANDING OF UNIVERSITIES OF TECHNOLOGY

Branding and marketing of Universities of Technology are important aspects of the work of the SATN. The establishment of a new brand in the field of higher education is a difficult and long term process but is essential for the growth and acceptance of Universities of Technology in South Africa and internationally.

In 2011 the SATN placed approximately 392 000 inserts containing UoT programme information in 11 different newspapers county wide. The newspaper inserts proved to be the most effective advertising method. Parents, students and Government Agencies filed the inserts for later reference and months after the inserts were placed in the newspapers the SATN Office still received telephone enquiries emanating from the newspaper inserts.

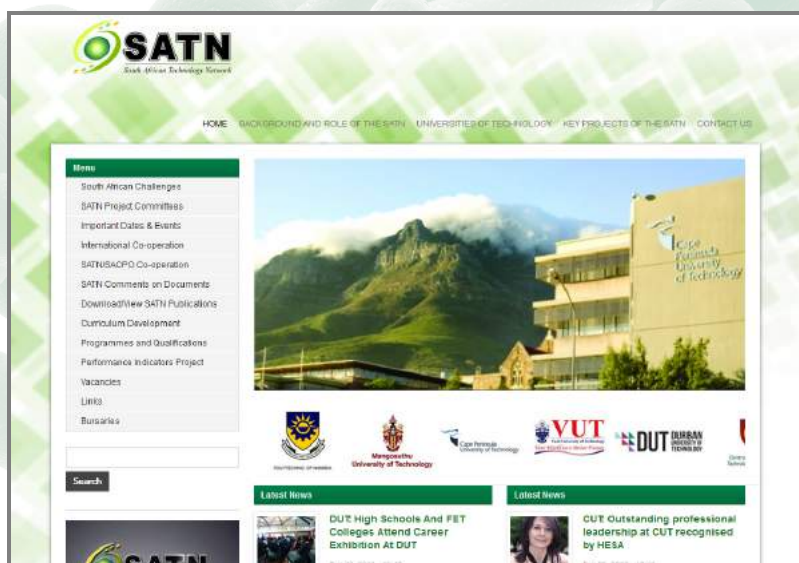


The SATN Office exhibited at the SABC MyTomorrow Career Exhibition that was held on 8-11 October 2012 at NASREC Expo Centre, JHB. Over 8 000 learners attended the exhibition. SATN Inserts and pens were given to learners to expose them to Universities of Technology.

SATN marketing material, for example the general brochure, banners, adverts etc. are continuously being updated and renewed, to incorporate any changes in management structures at UoTs and revised logos of institutions.

The SATN Website was re-designed and revamped in October 2012 and launched at the SATN Board held on 30 October 2012. New secure software is now also being used to prevent virus attacks. The SATN Facebook Page was rejuvenated with the aim of providing recent information pertaining to UoTs.

The annual international SATN conferences have contributed to the branding of UoTs.







### **DATABASE OF TECHNOLOGIES AND SERVICES**

The SATN/TIA Database of Technologies was established in October 2010. During 2011 and 2012, 160 technologies were captured on the database and until 31 December 2012, 2978 searches were done on the database.

TIA has made funds available for the maintenance of the database and for interns to visit all universities to capture information pertaining to technologies for the database.

In June 2012 it was noted that the database of technologies had experienced some challenges. UCT already has such a database, and agreed to a merger of databases. Another database exists at the University of Stellenbosch, with the aim of attracting commercial partners to new and novel technologies. NIPMO is in charge of another database. It would be necessary to establish a portal that addresses SATN's needs, and that aligns all of these databases, if possible.

TIA has provided the SATN office with an internship and Ms Emelda Sekese was appointed on 1 September 2012. Since her appointment, reminders have been sent out to all contact persons of the captured technologies, requesting them to update their information on the database. So far, 19 updates have been done, and two new technologies have been added to the database.

### **INTERNATIONALISATION**

Prof van Rensburg delivered a paper on the activities of the SATN at the World Congress of Colleges and Polytechnics, in Halifax, Canada from 26-29 May 2012. The SATN became an affiliate member of this body in October 2012. This membership should increase the organisation's international exposure.

Prof van Rensburg also attended and presented a paper on UoT International Relationships at the UASnet Conference, organized by the Portuguese Council of Polytechnics in Bragança, Portugal from 29 September – 2 October 2012.

The Conference provided the opportunity to have discussions with representatives of other European and Brazilian universities. The Universities of Applied Sciences Network (UASnet) of Europe indicated that they would be amenable to signing a MoU with South African UoTs in order to formalize cooperation.







### **COOPERATION WITH THE FURTHER EDUCATION AND TRAINING COLLEGES (FETC)**

Regular meetings of the SATN/SACPO Task Team took place during 2012. This Task Team was established to manage the implementation of the SATN/SACPO Memorandum of Agreement. At the 28 May meeting in Pretoria the slow progress of the Task Team was discussed. The lack of continuity in the representation at the meetings was mentioned as a possible cause. Mr JJ Mabana, Chairman of SACPO addressed the meeting and he stressed the urgency of the SATN interventions in continual professional development for FET lecturers. Based on the “Preliminary Report on The Training Needs Assessment Project for the FET College Sector “ by Dr Nomso Mgijima (May 2012) It was decided that as a matter of urgency attention should be given to management and assessment training.

The progress of the work of the task team was not satisfactory. This lack of progress was exacerbated by the resignation of Mr Matlhala, SACPO, Executive Manager and the difficulty in raising funds to execute the planned training interventions. However, it is anticipated that the establishment of the Association of FET College Principals by the Department of Education and Training will infuse new vigor in the Activities of the Task Team.

### **PARTNERSHIPS WITH SETAS**

The transfer of the SETAs from the Department of Labour to the Department of Higher Education and Training brought the SETAs into the ambit of higher education and training. The career directed programmes of UoTs and the SETAs that have been established to manage the many South African skills development needs, made cooperation between the UoTs and the SETAs a logical outcome. The SATN approached the certain SETAs in order to establish closer contact. The SATN was invited to become a member of The SETA CEO Forum Subcommittee for Artisan and Technician Training. Through this subcommittee regular information exchange between the SETAs and the SATN is promoted. The SATN is currently also liaising with the MerSETA and the EDPT SETA to maintain a working relationship

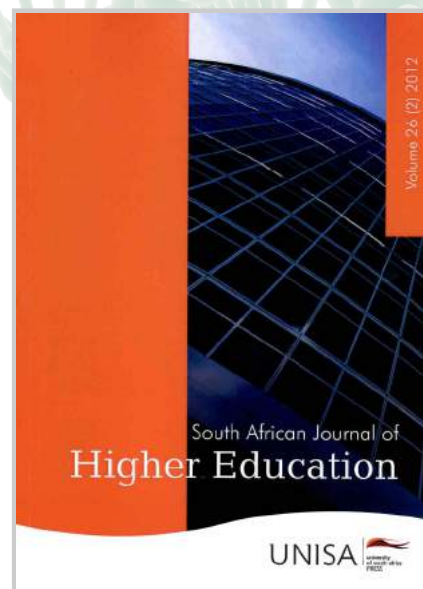




### **SOUTH AFRICAN JOURNAL OF HIGHER EDUCATION, VOLUME 26 (2) 2012**

One of the aims of the SATN Conferences is to encourage UoT academics to present academic papers and to publish these papers in accredited scientific journals. A special issue of the SOUTH AFRICAN JOURNAL OF HIGHER EDUCATION, was dedicated to the papers presented at the Fourth Annual South African Technology Network Conference 2011 with the theme “Curriculum Transformation at Universities of Technology: Towards development of new Generation Universities”.

Twelve papers that were presented at the SATN Conference in Bloemfontein were published in this Journal. The Editor's introduction was written by the Chairman of the SATN Board, Prof Thandwa Mthembu.



### **THE FIFTH ANNUAL SATN CONFERENCE**

The Fifth Annual SATN Conference took place on 29 – 31 August and was hosted by Polytechnic of Namibia in Windhoek. The theme of the conference was ***“ICTs and Universities: The Strategic Advantage”***

Keynote speakers were invited to address conference delegates on the following themes.

- Teaching and Learning Technologies – Prof Laura Czerniewicz (University of Cape Town)
- Administrative and Management Technologies – Mr Kethan Parbhoo – Microsoft South Africa
- Research and Innovation Technologies – Prof Etienne Barnard – North West University
- ICTs in Practice: Students and Academics as agents – Prof Shirley Alexander – University of Technology, Sydney

Appropriately a Namibian, Dr Japie van Zyl delivered a special guest lecture on the landing of the rover, ***Curiosity*** on Mars just prior to the SATN Conference. Dr Van Zyl is an Associate Director: Project Formulation and Strategy at the National Aeronautics and Space Administration (NASA) Jet Propulsion Laboratory (JPL) in Pasadena, California.

Selected papers presented at the conference will be published in the Journal for New Generation Sciences (JNGS).

Without the generous donations of National Research Foundation, Bestmed, IDSC, Eiffel-Corp, The Learning Curve and the Polytechnic of Namibia this Conference would probably not have been possible..







## MEETINGS ATTENDED BY THE DIRECTOR:

<b>Date</b>	<b>Meeting</b>
10 February	Online discussion regarding the submission of comments on the gazetted HEQF and Green Paper for Post School Education and Training
16 February	SATN Research Committee Meeting – online
17 February	MBuzz Demonstration on Social Media
22 February	SATN Programme and Qualifications Committee - online
28 February	Meeting between the SATN and MerSETA - online
29 February	Meeting between SATN Board and SATN WIL Committee - JHB
28 March	SATN-SACPO Meeting - Gauteng
30 March	SATN Board Meeting - DUT
23-24 April 2012	Articulation Conference - New Linkages: Strengthening Pathways between Colleges and Universities - JHB
24 April 2012	Meeting with Mr Maqubela from SAGDA, Cape - Town
25 April 2012	SACPO/SATN Task Team Meeting - Cape Town
26 April 2012	Meeting with Ernst and Young - Bloemfontein
7 May 2012	Meeting between VCs and Directors of Co-operative Education - JHB
7 May 2012	Meeting between VCs and SATN Project Champions and Researchers - JHB
8 May 2012	SATN Programme and Qualifications Committee - TUT
10 May 2012	SATN Research Committee Meeting - online
11 May – 1 June 2012	Visit to Canada. Attendance of World Congress of Colleges and Polytechnics, in Halifax, Canada – 26-29 May 2012
4 June	Launch of the Regional Innovation Forum - VUT
12 June	SATN Board Meeting - JHB
23 July 2012	SACPO/SATN Task Team Meeting - Bloemfontein
7 August 2012	Meeting between ETDP Seta and SATN - JHB Airport
23 August 2012	Meeting with A Brouckart from Eiffel Corp - Gordons Bay
29-31 August	5 <sup>th</sup> Annual SATN Conference - Namibia
25 September 2012	SACPO/SATN Task Team meeting - Durban (hosted by MUT)
29 Sept – 2 October 2012	UASNet Conference - Bragança, Portugal
30 October 2012	SATN Board Meeting- JHB Airport
3 December 2012	Meeting with the DHET Chief Director:Wil - JHB Airport





**SOUTH AFRICAN TECHNOLOGY NETWORK TRUST  
(IT 913/08)**

**STATEMENT OF FINANCIAL POSITION**

**AT DECEMBER 31, 2012**

	<u>NOTE</u>	<u>2012</u> <u>R</u>	<u>2011</u> <u>R</u>
<b>ASSETS</b>			
<b>Non-Current Assets</b>		88 763	21 516
Property, Plant and Equipment	2	88 763	21 516
<b>Current Assets</b>		1 792 881	1 406 599
Trade and Other Receivables	3	13 651	85 673
Cash and Cash Equivalents	10.2	1 779 230	1 320 926
<b>Total Assets</b>		<b>1 881 644</b>	<b>1 428 115</b>
<b>EQUITY AND LIABILITIES</b>			
<b>Capital and Reserves</b>		1 571 875	1 383 322
Retained Income		1 571 875	1 383 322
<b>Non-Current Liabilities</b>		73 464	9 675
Finance Lease	4	73 464	9 675
<b>Current Liabilities</b>		236 305	35 118
Deferred Income		-	-
Trade and Other Payables	5	222 042	21 312
Finance Lease	4	14 263	13 806
<b>Total Equity and Liabilities</b>		<b>1 881 644</b>	<b>1 428 115</b>





**SOUTH AFRICAN TECHNOLOGY NETWORK TRUST  
(IT 913/08)**

**STATEMENT OF COMPREHENSIVE INCOME**

**FOR THE YEAR ENDED DECEMBER 31, 2012**

		<u>2012</u> <u>R</u>	<u>2011</u> <u>R</u>
	<b>NOTE</b>		
<b>REVENUE</b>		<b>2 313 372</b>	<b>2 407 879</b>
Income Received		161 050	107 376
Administrative and Other Expenses		(2 268 677)	(2 074 041)
<b>Operating Profit/(Loss)</b>	<b>6</b>	<b>205 745</b>	<b>441 214</b>
Finance Cost		(17 191)	(7 556)
<b>Net Profit/(Loss) before Tax</b>		<b>188 554</b>	<b>433 658</b>
Income Tax Expense	<b>7</b>	-	-
<b>Profit/(Loss) for the year</b>		<b>188 554</b>	<b>433 658</b>
<b>Profit/(Loss) for the year</b>		<b>188 554</b>	<b>433 658</b>
<b>Other Comprehensive Income</b>		-	-
Income Tax relating to Other Comprehensive Income		-	-
<b>TOTAL COMPREHENSIVE INCOME FOR THE YEAR</b>		<b>188 554</b>	<b>433 658</b>





**SOUTH AFRICAN TECHNOLOGY NETWORK TRUST  
(IT 913/08)**

**STATEMENT OF CHANGES IN EQUITY**

**FOR THE YEAR ENDED DECEMBER 31, 2012**

	<b>Retained Income R</b>	<b>Total R</b>
<b>Balance at 31 December 2009</b>	<b>572 024</b>	<b>572 024</b>
Total comprehensive income for the year	377 640	377 640
<b>Balance at 31 December 2010</b>	<b>949 664</b>	<b>949 664</b>
Total comprehensive income for the year	433 658	433 658
<b>Balance at 31 December 2011</b>	<b>1 383 322</b>	<b>1 383 322</b>
Total comprehensive income for the year	188 554	188 554
<b>Balance at 31 December 2012</b>	<b>1 571 876</b>	<b>1 571 876</b>





**SOUTH AFRICAN TECHNOLOGY NETWORK TRUST  
(IT 913/08)**

**DETAILED STATEMENT OF COMPREHENSIVE INCOME  
FOR THE YEAR ENDED DECEMBER 31, 2012**

	<u>2012</u> <u>R</u>	<u>2011</u> <u>R</u>
<b>INCOME</b>	<b>2 474 423</b>	<b>2 515 255</b>
Income Received	2 313 372	2 407 879
Finance Income Received	112 567	107 376
Profit on asset	17 983	
Other income	30 501	
<b>EXPENDITURE</b>	<b>(2 285 868)</b>	<b>(2 081 597)</b>
Administrative Expenses	694 006	714 835
Employee Cost	741 039	651 514
Subsistence and Travelling Expenses	266 715	328 695
Marketing Expenses	535 651	318 139
Depreciation	18 895	1 254
Finance Cost	17 191	7 556
Penalties & Interest	7 871	20 088
Provision for bad debts	4 500	39 516
<b>NET PROFIT FOR THE YEAR</b>	<b>188 555</b>	<b>433 658</b>