



Did you know?

★ The world's first heart transplant was performed by Dr Chris Barnard in Cape Town on 03 Dec 1967.

★ The computed axial tomography scan, or CAT scan, was developed at Tufts University in the UK by South African physicist Allan Cormack and Godfrey Hounsfield of EMI Laboratories. Their achievement secured them the 1979 Nobel Prize.

★ Sasol is the world's first and largest oil-from-coal refinery. It is situated in Sasolburg in South Africa and provides 40% of the country's fuel.

★ South Africa has the third highest level of biodiversity in the world, is internationally renowned for conservation and boasts eight World Heritage sites.

★ South Africa has become a top site for shooting international films, its locally produced movies and music earn global awards, and its fusion fashion is making a distinctive mark on the world.

Ubuntu

A person is a person through other people – Ubuntu. It is a philosophy that held the many races and cultures together through the difficult birth of the nation. It is a philosophy that still resonates to this day. People are not simply people, they are people you might know and could love. Japanese people can find Japan's *kizuna* mind in South Africans. Ubuntu is also known as a free and open source operating system by a South African entrepreneur.

Six Weeks

Universities are not permitted to register you until you have produced your valid study permit. It usually takes at least SIX WEEKS for your study permit application to be processed at the Embassy in Tokyo. For more details, please visit to ww.sajapan.org

Japanese Studies in SA

A Centre for Japanese Studies (CJS) was established at the Gordon Institute of Business Science at the University of Pretoria in January 2011 as a legacy project for the 2010 Japan-South Africa Centenary Celebrations. The CJS, is the first of its kind to be established in South Africa, it is expected to become a centre for business and academic interactions and to contribute to promoting human networks and mutual understanding between the two countries.

Japan and South Africa are strategic partners. Throughout the one hundred years of official relations between the two countries, trade relations have been the anchor of our relations. Japan has been a stable and major trading partner for South Africa for decades. South Africa enjoys a healthy surplus in its trade with Japan through its exports of minerals and automobiles. More than

one hundred Japanese companies have representatives in South Africa. Japan's direct investment to South Africa is also on the rise as evidenced by the recent acquisition of Dimension Data by NTT.

The CJS is expected to enhance knowledge about Japan with a focus on, but not limited to, the business community. It will without doubt contribute to further enhancing the bilateral economic and other interactions between our two countries. An elective MBA lecture course on Japan is planned and a number of GIBS Forums, conferences and seminars with prominent Japanese businessmen and scholars will be held under the auspices of the CJS. The establishment of the Centre has been made possible through the financial support of the University of Pretoria, the South African and Japanese business communities and private funders.

New Partnership

In a first for Tshwane University of Technology (TUT) and the African continent, a historic partnership agreement was signed between TUT and the Nagaoka University of Technology (NUT) from Japan on 23 August 2013.

Prof Nthabiseng Ogude, Vice-Chancellor and Principal of TUT, said that the signing of the MoU marks a significant day in the developmental trajectory of the University as well as the development of higher education and research in the Southern African Development Community (SADC) region. "This is the kind of collaboration between institutions of a similar type that the higher education sector should encourage and celebrate," she added.

Prof Mikami Yoshiki, NUT's Vice-President also expressed his satisfaction with the collaboration. "I see a lot of cultural similarities between the two institutions. We at NUT have produced many leading engineers for the Japanese industry. Business leaders in general understand the importance of our engineering programmes," he said.

"The principles of the Nagaoka University of Technology are summarised in three words: Vitality, Originality and Services. In accordance with this motto, the university's mission is to raise leaders in engineering and research who have practical and creative abilities that meet

international standards. Since TUT empowers people and Nagaoka raises leaders, the logical way forward is to do it together in future."

The Honourable Yutaka Yoshizawa, Japanese Ambassador to South Africa, said the MoU is another step towards closer cooperation between South Africa and Japan. "The partnership will contribute to the enhancement of skills transfer and human resource development between the two countries," he said.

The MoU will, among others, enable students and staff to further their postgraduate studies or parts thereof at either institution, enable the exchange of staff as guest lecturers in their fields of specialization, enable the exchange of students at undergraduate and postgraduate levels, enable the rendering of assistance to students to carry out project work at both institutions, enable mutual assistance with the development of educational material and special courses, and the exchange of such material where applicable, enable the exchange of researchers, promote the exchange of researchers on a regular basis during their periods of sabbatical leave, promote joint research projects, and make research equipment at either institution available to researchers of the other institution. (continued to Page-2 for JP-SA university agreements)

Editorial

The "Rainbow Nation" of the world is a kaleidoscope of scenic beauty, but also a blend of multicultural and multiethnic people and heritage. With exceptional sights like the oldest meteor scar on earth, proto-mammalian fossils, and three billion old rocks, South Africa

is a feast for the eyes. South Africa also provides world class academic institutions ranging in many fields such as HIV, Aids and tuberculosis research, poverty alleviation, economics, ecosystems and much more. In a nutshell South Africa is your destination for your career development.

Strong Academic Programmes in South Africa

MAJOR	UNIVERSITY
MBA	<ul style="list-style-type: none"> Stellenbosch University Gordon Institute of Business Science (UP)
Anthropology	University of Pretoria
Economics in Africa	University of Fort Hare
Policy in Africa	University of Johannesburg
African Arts (Music, drawing, fashion, etc.)	Tshwane University of Technology
African languages	Durban University of Technology
Public nursing care	University of Western Cape
Tourism	<ul style="list-style-type: none"> University of Cape Town University of Pretoria
Eco system	Rhodes University
Animal science	<ul style="list-style-type: none"> University of Pretoria Tshwane University of Technology
Horticulture	University of KwaZulu Natal
Oceanography	<ul style="list-style-type: none"> University of Cape Town Nelson Mandela Metropolitan University
Astronomy	University of the Witwatersrand
Biology	University of Limpopo (former MEDUNSA)
ICT	<ul style="list-style-type: none"> University of the Witwatersrand University of Cape Town
Materials science	Nelson Mandela Metropolitan University

University Agreement

JAPAN	SOUTH AFRICA
Hokkaido University	UJ
Tohoku University	UKZN
The University of Tokyo, Graduate School of Frontier Sciences	UCT
Nagaoka University of Technology	Tshwane University of Technology
Shizuoka University	UP, Natural & Agricultural Sciences
Nagoya University	South African Astronomical Observatory
Osaka University	iThemba Laboratory for Accelerator Based Science
Hiroshima University	<ul style="list-style-type: none"> UP, Science, Mathematics and Technology Education UWC, Applied Materials Chemistry
Naruto University of Education	UP
Kyusyu University	UJ, Faculty of Science
Ryukyu University	UCT
Waseda University	UCT
Meiji University	<ul style="list-style-type: none"> UCT, Engineering and the Built Environment University of Limpopo University of Fort Hare
Sophia University	Stellenbosch University
Soka University	University of the Witwatersrand
Nagoya Institute of Technology	<ul style="list-style-type: none"> UP UCT
Ritsumeikan University	UP
Osaka Gakuin University	NMMU
Kansai Gaidai University	UKZN
Ritsumeikan Asia Pacific University	<ul style="list-style-type: none"> UP UJ

Research and Development

Applied Centre for Climate & Earth Systems Science - ACCESS is a consortium of several agencies, researcher councils, research programmes, universities and research groups who have combined efforts to deliver a range of outputs aligned to the Department of Science and Technology's Global Change Grand Challenge (GCGC), and now became the 8th Centre of Excellence initiated by DST and National Research Foundation.

It is a platform for an integrated and end-to-end research and education, services and training outputs and outcomes related to the opportunities and challenges emanating from a varying and changing environment, collectively referred to as Earth Systems Science. ACCESS provides an opportunity for unprecedented co-operation across a range of disciplines which reflects the inter-connected nature of the southern African Earth System.

The fundamental goal of the ACCESS Research portfolio is to answer one basic question: how does southern African function as a whole earth system (of systems), how did it function and how may it function in the future in response to natural and anthropogenic forcing? There are seven research themes: (1) Weather and Climate Variability: Fundamentals, Predictability and Application; (2) Climate Change Impacts and Adaptation; (3) Water Resource Dynamics; (4) Ecosystems and Livelihoods; (5) Land Cover and Change; (6) Marine and Coastal; and (7) Biogeochemistry and Earth Systems Modelling.

ACCESS through a joint collaboration with the Institute of Tropical Medicine at Nagasaki University and Japan Agency for Marine-Earth Science and Technology (JAMSTEC), are doing research to try and understand the relationship between disease transmissions in relation to climate change. For more details, please visit to www.jst.go.jp/global/kadai/index.html