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DUT proudly supports Bafana Bafana

Professor Nqabomzi Gawe DUT Acting Vice Chancellor and Principal

The 2010 World Cup is upon us and soccer fever has become the fastest spreading virus to hit the nation yet. Staff and students from the Durban University of Technology are proud to stand behind and offer support to our very own heroes of the Bafana Bafana team. Show your skills of tsamaya, vula vala and real African football by showing us your number. We will blow our vuvuzelas and wave the South African flag up high, cheering your names whilst resonating the spirit of unity. May you do us proud by bringing the Cup home!

As a proudly South African institution, DUT joins the millions of our country in wishing Bafana Bafana and all teams from Africa a memorable experience and success in 2010. Ke Nako-Woza Uzizwele-Halala! DUT provides professional training in a number of areas that will benefit future and present Bafanas. Therefore, partnerships and support to our team will be our contribution to strengthening and extending the experience, prowess and professionalism in the same.

Let the games begin!.



Bafana Bafana T-Shirts are sponsored with courtesy of the South African Breweries Limited

In this issue

**DUT proudly supports
Bafana Bafana**

**DUT appoints a world
class academic as its
new Vice Chancellor**

**Alumnus celebrity
imaging success**

**National Lottery
Distribution Trust
Fund invests R30.5
million into DUT's
Heritage Projects**

**NRF Vice President
visits DUT**

**Environmental Health
hosts Malaria
Workshop**

**Social quotient
abounds**

**Salt Water runs in my
veins**

**Photography
exhibition "Co-
ordinates"**

**Musician Rakesh Soni
receives Silver Tusk
Award**

**DUT Wins Cyber
Junkyard 2009/2010
International
Challenge**

Professor Nomthandazo Gwele
Deputy Vice Chancellor: Academic

Qula Kwedini, ngawuzenayo kwedini. Dlala Bafana Bafana Dlala. Halala!

Doctor Kenneth Netshiomb
Acting Deputy Vice Chancellor: Institutional Support

Another miracle is yet to happen; Bafana Bafana is poised to ruffle a few feathers this time around. The Institutional Support ambit therefore strives to support Bafana Bafana by providing facilities that make all its supporters welcome in Durban. International visitors will be given the opportunity to view the bust of legendary struggle hero Steve Biko, who lost his life in pursuit of freedom, the bust is showcased in front of the Alan Pittendrigh Library on Steve Biko Campus.

Bafana Bafana supporters can also marvel at the state-of-the-art M L Sultan Campus buildings, which like Bafana Bafana are symbolic of a humble, yet successful journey of those who were not counted amongst the best in the past. The thirst for education that Hajee Malukmahomed Lappa Sultan quenched for the disadvantaged shall revive and restore the unstoppable winning spirit of our boys. The university will also provide accommodation to FIFA World Cup visitors at the university's residences. Bafana Bafana will not cease to pleasantly surprise us. South Africa has a lot of success stories to tell, from the unimaginable to the actual realization of its dreams. To the boys, from the Institutional Support ambit, remember the sky is the only limit. Let's just go for it.

Professor Frederick Otieno
Deputy Vice Chancellor: Technology Innovation and Partnerships

Technology wins in soccer competition!

From DUT's team of supporters and adopters of innovation and technology, to Bafana Bafana a team whom we hope will play innovative soccer, we support you!

A group of DUT Mechanical Engineering students, under the leadership of Professor Mervyn Kanny, are winners of the Siemens Cyber Junkyard 2010 Competition. The National competition, sponsored by Siemens and Festo and Lapp Cable, was open to all universities in the SADC region with the theme of "Play the Game, Save the Planet". The project involved the manufacture and design of a mobile technology demonstration unit in the form of a high-tech soccer game using renewable energy.

Professor Kanny and his team of young engineers showcased their capacity for developing cutting-edge technologies. The team designed and built a unit worthy of commercial attention and were able to apply their programming skills, knowledge of process control, electronics and mechanical engineering. The demonstration unit, a robot, will be displayed at various 2010 football venues during the World Cup.

This achievement is well aligned to DUT's vision of being the preferred university for developing leadership in technology. The University values innovation and the transfer of research, and its research and innovation activities are supported by the Technology, Innovation and Partnerships (TIP) ambit. TIP looks for opportunities to advance the applied research of the University, including potential technology transfer and innovation possibilities, through the various directorates and units - International Education and Partnerships, Technology Transfer and Innovation, Research Management and Development, Postgraduate Development and Support, Cooperative Education, Information Technology Support Services, Enterprise Development Unit, Business Studies Unit, the Institute for Water and Wastewater and the Institute of Systems Science.

Professor Theo Andrew
Executive Dean: Faculty of Engineering and the Built Environment

To our Bafana Bafana team, the Engineering and the Built environment community at DUT will be standing with you all the way. All we ask is that you do your best and the magic will happen.

Professor Darren Lortan
Executive Dean: Faculty of Applied Sciences

Bafana Bafana see you in Durban for the Semi Finals! Here our students from the Department of Food and Nutrition, Consumer Sciences programme will be taking care of your nutritional vitality and that of some of the VIPs in the stadium. All of the members of the Ball Crew (on the side line) have been trained by Bongani Yengwa from the Department of Sport Studies, will be at your service, while scores (yes scores hint hint!) of students from the same department will host and entertain your fans, everyday throughout the tournament. The pitches that you will play on could one day be designed and/or assembled by graduates of the Department of Horticulture. And yes those snug ,figure hugging and dare I say sexy shirts that you will be playing in have been designed and assembled by specialists from the Industry, that graduates of our Department of Clothing and Textiles will one day work for and more than likely lead! Good luck.

Professor Thiruthlall Nepal**Executive Dean: Faculty of Accounting and Informatics**

One Nation, One Soul, One Goal

Ke Nako. The time is here. We can feel it. Staff and students at the Faculty of Accounting and Informatics have done everything in our power to prepare for the biggest sporting event in the world. The time is "manje" for Bafana Bafana to show the world the spirit of our nation. South Africa's been through the struggle, but now we are united, we are strong; we work hard to make sure we belong with the best in the world. Express yourself Bafana Bafana, show your skills, run the extra yard, win the ball and score the goals for the rainbow nation. Never say die, never stop trying, and never hold back the African way, with the South African style. Moutaung, Sono, now it's you! There's always a "Teenage" or "Ace" just around the corner. Flags will fly high, vuvuzelas will blow and the nation is screaming "Go Bafana Bafana goooo". Best of luck. Make us proud. The world is watching and waiting.

Professor Malcolm Wallis**Executive Dean: Faculty of Management Sciences**

Staff and students from the Faculty of Management Sciences are enthusiastic supporters of the national team. We have been following Bafana Bafana with great interest as they continue to perform with skill and tenacity at national and club level. The signs are indeed encouraging with added advantage of a great deal of support on their home ground. The team has been well prepared under the direction of an excellent coach. They will also be welcoming back some very talented and experienced overseas players, including Captain Aaron Mokoena, who performed wonderfully and strategically in the recent English Cup Final. I expect the team to give all they can, in what will be the most important matches of their careers. They are in a tough group but this is not an insurmountable challenge. We hope they surprise the pessimists. Bafana Bafana, play without fear, as you are in the team because you have shown you are good enough to do the job and beat the best in the world!

Greg Bass**Acting Executive Dean: Faculty of Health Sciences**

Go Bafana Bafana, go! Make us proud! After screaming our support for you elsewhere in our land, we will see you in the round of 16 and the semi-final in Durban at the Moses Mabhida Stadium. We know that you will be there, because when it comes to sport the Faculty of Health Sciences knows its football. More importantly, when you are in Durban we have what it takes to attend to all your allied medical needs.

If you slip a disc or pull a muscle, do not despair, we will send over a Chiropractor and have you back on the field in no time. Afraid of losing your front teeth, from a stray elbow? Our Dental Technicians and Dental Assistants will make you a mouth guard. Maybe you are concerned that your environment is unsafe. No problem, our Environmental Health officers are on their way. If you need hospital care, our Emergency Medical Care staff will get you there in a flash. Moreover, waiting for you in hospital will be our own trained nurses and Clinical Technologists. Perhaps you will need a blood test? Our Biomedical Technologists will, pronto, oblige. However, if perchance you prefer to be treated by a Homoeopath, just call and we will be there. If you are traveling with your kids to Durban, our Child and Youth Care practitioners are on call for friendly, fast service. So distress, just call our Somatologists for a relaxing massage.

Bafana Bafana, we wish you a thousand ladumas. Go Bafana Bafana go!

Professor Graham Stewart**Acting Executive Dean: Faculty of Arts and Design**

Arts and Design students are living up to our university slogan by making their knowledge useful to the 2010 World Cup. Innovation and industry are our key words so students and staff are working to support Bafana from behind the TV cameras, by doing the disk dance, showcasing brilliant new soccer fashion styles and by empowering street children at their own soccer world championship.

Visual Communication Design's Workspace is proud to have been the design team to the inaugural Deloitte Street Child World Championship (SCWC) which took place at the DUT in March, a project which resonated with the Workspace ethos of affording opportunities to the youth and empowering them.

The DUT Gallery is hosting a special show, scheduled to coincide with the soccer tournament. "Coordinates" is an exhibition by photography students. Coordinates, Longitude 29°49'46"S & Latitude 31°01'49"E, mark the geographical location of the Moses Mabhida stadium referenced from Google earth. The large format photographs in the map-like installation show how the

stadium has transformed the landscape of the city through its most visible feature, the arch.

Second-year Fashion Designer Charmian Booyens, is a finalist in the national Football Fridays Competition, and Prof Peter Burnett and Video Technology Lecturer, Louis de Waal are working on the television broadcast of the World Cup as camera engineers. It's a massive broadcast, which traditionally attracts the highest television viewership of any programme broadcast worldwide. Various venues will feature DUT Drama students doing the diski, and Senzo Shange, Btech : Translation & Interpreting Practice student, an intern with KZN Arts, Culture and Tourism, will be hosting visitors to the Moses Mabhida Stadium at all the matches. We're supporting Bafana, with DUT's creative arts and design.

DUT appoints a world class academic as its new Vice Chancellor



Professor Ahmed Bawa (Left), has been appointed the new Vice Chancellor of the Durban University of Technology. The University Senate, Institutional Forum and Council, which each include student and staff representatives, were unanimous in their support of Prof Bawa's appointment. There was a comprehensive recruitment process that saw applications from skilled and highly experienced senior academics from South Africa and beyond.

Prof Bawa is a distinguished and respected academic. He is currently based at the City University of New York, where he is a professor of Physics and Associate Provost. Previously, Prof Bawa, who hails from Seven Oaks near Greytown in the KZN midlands, was also Deputy Vice Chancellor and Principal of the Durban campus at the University of KwaZulu Natal. He has decided to return home and invest in Durban, KZN and in South Africa.

Prof Bawa has an impeccable academic and leadership record and his strong research background will be an asset to the DUT community. He holds an MSc degree from the University of Durban-Westville and a PhD from the University of Durham, UK. He is the author of over 30 articles in prestigious journals and was formerly Chair of the Board of the National Research Foundation and a member of the National Advisory Council of Innovation.

He is also one of the select few given access to the Large Hadron Collider near Geneva in Switzerland, working on a global project addressing the most fundamental questions of physics. This reinforces his outstanding global reputation and value.

Prof Bawa was also a Programme Officer for the Ford Foundation and has gained experience in grant making to universities across Africa. Prof. Bawa has a solid grasp of the South African higher education landscape and has contributed extensively to the discourse on reshaping and transforming this important sector.

Dr Jairam Reddy, Chairperson of the DUT Council, confirmed that "after having overcome the challenges of the merger, the DUT, with a visionary leader like Prof Bawa at its helm, its five campuses, a staff composition of 1350 and a student population of 24000, is now well positioned to further develop into a leading university of technology that will make Durban and KwaZulu-Natal proud." Prof Bawa will commence duties at DUT on 1 September 2010.

In a statement new Vice Chancellor Professor Ahmed Bawa said: "In the short-term the challenge will be to create a vibrant, pleasant teaching/learning environment and to create conditions that will foster a research culture. This will require the building of a collegial culture that is intensely student-centred."

"I hope to work closely with the vice-chancellors of the other universities to build a strong, coherent, coordinated higher education sector that will serve the people of the region optimally.

Prof Bawa added that to be at the helm of the Durban University of Technology is an honour and a privilege. He said he was looking forward to working with the Council, his fellow members of the DUT executive, with its talented, dedicated faculty members and staff and with its students to make this institution a vibrant place of learning and of knowledge production, one that is deeply connected simultaneously to the local context and to the global world of knowledge.

Alumnus celebrity imaging success

DUT alumnus, Mzuvukile Vukile Ndlovu, first realised his passion for web designing upon completion of his National Diploma in Information Technology, in 2007. As an entrepreneur, at age 27, Ndlovu has used his creative skills to establish RedoIT, an IT company that focuses on branding, Service System Development and providing IT Support to various clients.

Ndlovu is in the business of branding celebrities. As part of his company's 2010 Soccer Fever initiative, he has used innovative techniques to design websites for local soccer talents. He said: "I'm not a soccer enthusiast but I'm excited about the 2010 FIFA World Cup coming to South Africa

and am a proud Bafana Bafana supporter. I recently designed websites for Bafana Bafana and Belgium Genk Football Club player, Anele Ngcongca and Richard Henrykane, who plays for Sundowns and the national team.”

RedoIT has been branding celebrities since its inception, in 2008. However, the 2010 FIFA World Cup has inspired RedoIT to brand soccer players. “We realised fans want to know more about their favourite personalities. Having a personal website boosts your image and allows for interaction between the celebs and the public. We are currently working on a website for Zolisa Xaluva and other soap stars from the SABC hit series, Generations. We also intend on focusing on other sport personalities in rugby and cricket.”

He said it is important for celebrities to have a websites, as it is a forum where they can market themselves to the global community. Fans are always online searching for more news, gossip and updates; sometimes all they find are negative reports. The advantage of a personal website is that your profile markets your personality. It increases the level of communication and expands business potential by providing users with booking forms and adverts.

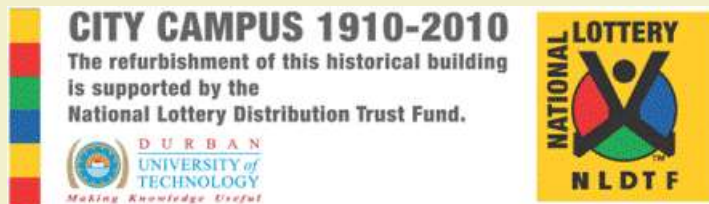


RedoIT has designed websites for comedian, Justice Kubheka; Ukhozi FM Current Affairs presenter, Bongani Mavuso; former Ukhozi FM Sport Presenter, Phumlani Dube; Igagasi FM DJ, Mzokoloko; Igagasi FM Breakfast Show Personality, Nothando Ngubane (Mamgoh) and Channel O personality, DJ Andy X.

supporter of Bafana Bafana

Above: Mzuvukile Ndlovu is a proud

National Lottery Distribution Trust Fund invests R30.5 million into DUT's Heritage Projects



The National Lottery Distribution Trust Fund (NLDTF) has generously invested R30.5 million in sponsorship towards the Durban University of Technology's (DUT) Heritage Projects. The funding will be used by the City Campus Restoration Project, which is concerned with preserving the architectural heritage of the 100 year old building, and the Research of Currie's and Surrounds (ROCS) project.

DUT Acting Vice Chancellor, Prof Nqabomzi Gawe said: “The University is proud to be the recipients of this considerable financial sponsorship. The financing of the heritage projects will ensure that that the restoration project is completed timeously and that the academic programme will continue as scheduled. As Durban residents, staff and students of DUT, we are proud that the historic essence and architectural design could be preserved and celebrated. We are grateful to the NLDTF for their generosity and their commitment to education in South Africa. The funding towards sponsorship for the ROCS project will assist in honing and nurturing skills of young researchers, postgraduate students and a cohort of academics.”

Udesh Ramsundar, Senior Manager of Financial Operations and Accounting, was instrumental in compiling a persuasive proposal to secure funding for the two projects. DUT Physical Planning Department Manager, Len Rosenberg is the driving force behind the ROCS project. ROCS recent book launch of Wellspring of Hope: The Legacy of a Sports Field, which focuses on the historic changes of Curries Fountain and surrounding areas, received an overwhelming response from activists and local historians. The book has also played a significant role in capturing Durban's history and is the first of many sub-projects to follow.

City Campus Restoration Project

DUT is proud to celebrate a 100 years of history at City Campus. The building, which currently accommodates DUT's Faculty of Arts and Design, was initially built for students and staff of the Durban Technical Institute. The building's foundation stone was laid by the Duke of Connaught on 03 December 1910.

In celebrating the centenary of City Campus, DUT has embarked on a building restoration project. The project involves the replacement of the entire roof with all ancillary components of the ceilings, electrical and air conditioning installations. During the refurbishment the original architectural features will be maintained. The project forms part of DUT's progressive academic and social development goals which are committed to the creation of a learning environment through the provision of safe, modern and technologically advanced facilities for its academic community. The massive revamp and renovation project is reflective of DUT's commitment to academic excellence, scholarship and the promotion of a conducive learning and teaching environment.

The decision to close the campus during the removal and reconstruction phase was motivated by safety concerns and aims to minimise disruptions to the academic programme. The building restoration project will run from May until August 2010. However, the academic curriculum for 2010 has been designed to accommodate the four month semester break which will also coincide with the 2010 FIFA World Cup. Management said the temporary closure of the faculty is necessary for the urgent replacement of the roof. The university's academic activity will not be affected by the project as management has engaged in extensive consultation with lecturers who have restructured their syllabuses to ensure all students complete their 2010 academic programme.

The academic calendar for all programmes offered at City Campus included two semesters, the first semester will commence in January, a month earlier than the University wide programme, ending in April and the second will begin in September ending in December. To ensure minimum disruption to the academic programme for 2010 only contact academic work will be done during the beginning of the year. Students were given projects to do and communication will be maintained between staff and students via e-mail. Should a need arise for lecturers to meet with their students; support venues at other campuses will be made available.

Academic support will be made available at Steve Biko Campus to ensure off campus management is maintained by the Faculty of Art and Design. Administration and recruitment procedures will also not be disrupted as the office of the Executive Dean of the Faculty of Arts and Design and the Faculty office will be temporarily relocated to Steve Biko Campus.

The ROCS Heritage Research Project

The Research of Currie's and Surroundings (ROCS) project is a heritage research project focussed on documenting the history of an old precinct, in Durban. The historical site of Currie's Fountain sports ground is used as a catalyst to tell the story not only of Currie's Fountain, but also the schools, residential areas, markets, bus ranks, cinemas and commercial activity that surrounded Currie's Fountain. It was and still is to a large extent the "Black Town" and represents a significant part of the urban black history of the City of Durban.

The history of Currie's Fountain is part of a wider context of the people, places, spaces and events around it. Currie's was part of a neighbourhood made up the Beatrice Street area, Grey Street area, the Market, Wills Road, Warwick and Mansfield area. This is the area that comprised the "non-white" town, affectionately known as Currie's. "Currie's" is so well known and has such a long history it has become the pivot and catalyst around which the interrelated spatial history of the precinct and its people can be told and integrated.

The financial support by the National Lottery Distribution Trust Fund (NLDTF) for the ROCS project has enabled the research team to host a planned exhibition on "Soccer at Currie's" in the near future. Although the exhibition will display photographs by professional photographers, the general public is invited and encouraged to submit their personal photos to the research team at DUT, so that their memories can form part of the exhibition and help in the telling the story of Currie's Fountain.

NRF Vice President visits DUT

- Daisy Mthethwa

Vice President of Research and Innovation Support and Advancement at the National Research

Foundation (NRF), Dr Gansen Pillay reinforced South Africa's geographic advantage as a country that is fast moving towards becoming a knowledge economy. Dr Pillay was addressing the DUT Community in a seminar hosted by the university's Department of Research Management and Development, on 28 May.

He said SA's strengths, in regards to research, based on its geographic location lies in astronomy, palaeontology, marine biology, Antarctic research, and Indigenous knowledge systems. Pillay is a former Director of Research Management and Development at DUT. He is currently responsible for providing research support and promotion of the NRF and the South African Agency for Science and Technology Advancement (SAASTA). In his address he shed light on the NRF's current projects and projects in the pipeline. He urged the university to strategically reposition itself in ways to receive Human Capital Development funding. He said it is important for institutions to safe guard themselves to be able to share knowledge. DUT has the advantage of Information Communications Technology (ICT) in rural areas and as a University of Technology (UoT) it has the potential to increase its research capacity.

Robert Kriger a representative from the NRF's International Relations and Corporate Affairs revealed that the department will fund 50 doctoral and 50 master's students Kriger's responsibilities include ensuring inter-agency agreements. Professor Fred Otieno, DVC: Technology, Innovation and Partnerships thanked the NRF for its sustained research funding efforts at DUT and for informing academics of the potential to enhance and further their research.

Environmental Health hosts Malaria Workshop

The Department of Community Health Studies' Environmental Health Programme hosted a Malaria Workshop from the 17-22 May at the Medical Research Council in Durban. The six day undergraduate workshop was held in partnership with the Medical Research Council's Malaria Research Programme (MRP), on a volunteer basis, and focused on the theoretical and practical applications involved in malaria prevention and containment of the communicable disease in South Africa.

Joy Kistnasamy Environmental Health Lecturer and Workshop Co-ordinator said: "Student received certificates in recognition of their participation in the programme and the skills, knowledge and practical experience gained will add great value to their career as Environmental Health Practitioners. Kudos to the collaborators for providing a highly technical and specialist workshop on a totally volunteer basis. Malaria is a major communicable disease in SA, the intensive workshop focused on a cradle to grave application which will enable future Environmental Health Practitioners in the fight against the spread of malaria. The Environmental Health Programme intends on embarking on a long term collaborative partnership with the Medical Research Council to further education and training under various areas within environmental health. A special thanks to Community Health Studies HOD, Moeti Kgware and the Department Secretary, Anusha Karamchand for their much appreciated support".



Pictured: Student and staff from DUT's Environmental Health Programme together with facilitators from the Medical Research Council's Malaria Research Programme

MRP Director and Workshop Co-ordinator, Dr Rajendra Maharaj said the workshop was a great learning curve for young scientists and all facilitators involved in the project benefited from the interaction with students.

Social quotient abounds

The Environmental Health Programme recently embarked on a monthly social meeting, to inspire staff to attempt to understand each other. The initiative is focused on team building where additionally much fun, games and laughter abounds. Work talk is banned and any one caught doing so has to pay a fine towards the year end party. Thus far, that account remains empty. Recent guest speakers included DUT Employees Assistance Programme (EAP) Specialist, Samantha Rajcoomar and HR Consultant Bianca Rohan who addressed staff on the "Colour of Personalities".



Many more exciting and innovative socials have been planned to help enhance teamwork and in the spirit of unity and togetherness.

DUT Environmental Health Staff at a social dinner at Pavillion Shopping Mall to promote team spirit.

Salt Water runs in my veins

Durban political activist and educationist, Prithiraj Ramkisun Dullay has released his first book, titled Salt Water Runs in My Veins. The book launch was held at Durban University Technology's Mansfield Hall, on 27 May and was attended by 300 persons. The event was opened by Ravigasen Pillay, KZN Legislature Chief Whip and was attended by historians, researchers, educators and political activists. The keynote address was delivered by Dr Betty Govinden, senior UKN academic, writer and literary critic.

The book is a compendium of 21 short stories that extends over 100 years. The fascinating stories are autobiographical, providing insight into his life altering experiences in his youth, his growing political consciousness and activism. It also encapsulates Dullay's personal experience with his family whilst growing up in Port Shepstone, on the South Coast and later, life in exile from 1978 - 1992.

Salt Water Runs in My Veins details his overt and covert activism, and the long road of the struggle to achieve democracy in South Africa. The stories shed light on the social and psychological impact on the Dullay family, their support of the Black Consciousness Movement, their work in the Danish Anti-apartheid Movement and in the ANC. It also deals with the complexities of their return to SA.

The book also includes a compilation of articles written for the print media from 2007 to 2010, which critically examine post 1994 developments: the joys, the celebrations and the problems that require the forceful intervention of civil society.

Dullay described the collection as a human story that speaks of insecurities, searches, deep fears and celebrations. "It focuses on our journey through discovering that our truth was not the only truth, that there are more ways of seeing beyond just the limits of our socialization. The book celebrates the oneness of all humanity. This is not just my story alone; it is that of my family and of several generations of families. It is strongly anti-racist and anti-sexist and I believe it will add to the discourses about identity, about where we are heading and the work that still needs to be done", he said. Dullay's next publication titled, A Critical Assessment of Black Consciousness in South Africa: 1968-1978, is currently under revision and is expected to go to print later this year.

He is also currently working on his third book with the working title, From Cane Cutters to Revolutionaries. The Contribution of Indians to the Freedom Struggle in South Africa. Dullay message to the reader is that civil society organisations must become centrally involved in the defence and advancement of SA's democracy. "It is something far too risky to leave in the hands of any government."

The strength of any democracy is determined by the strength of the organs of civil society. The youth must never forget our history and the incredible price that was paid through three centuries and more for freedom. They need to find ways to serve, to volunteer, to make sacrifices so that our country advances on every level," he said.



Mr Pritz Dullay at the launch of his book

Photography exhibition “Co-ordinates”

DUT's Department of Photography is proud to host Co-ordinates; an exhibition which uses the Moses Mabhida Stadium's longitude and latitude co-ordinates and its geographical location as focal points in images.

Photographers were briefed, divided into groups and directed to specific vantage points to explore creative ways of photographing the stadium based on its co-ordinates. They were also encouraged to carry journals to log their experiences and personal thoughts. The assignment uses a candid style of photography which enabled photographers to document their responses in a poetic way, using their own personal expression, without the technical limitations of photography. The images allows for a new description of the city, celebrating the beauty of how the architectural design forms a new backdrop to the Durban skyline. The collection of images and responses varies and highlights different social, political and economical awareness of the 2010 FIFA World Cup.



The exhibition showcases 20 large A1 and 500 jumbo size photographs, which have been selected from a pool of 2000 images. A map like installation made up of jumbo sized images will be used to show the different places in and around Durban where the stadium, or parts thereof, was photographed. The map will also showcase how the stadium has transformed the landscape of the city through its most visible feature, the arch.

The exhibition is a must see, as it also hones in on the artistic creativity of engineers, architects and the commitment by the many construction workers, whose efforts can now be appreciated by millions across the world.

Left: Thabani Mbhamali, Werner Traut, Bwalya Lungu and Page Chetty

Musician Rakesh Soni receives Silver Tusk Award

DUT Information Technology Administrator and musician Rakesh Soni has been awarded the Silver Tusk Award by the university's Convocation. He is a skilled flutist and tabla player and was one of five DUT alumni nominated for the award in 2009. DUT Convocation Vice President, Siyabonga Vezi presented Soni with the award at the last Convocation Annual General Meeting, on 22 May 2010.



The Silver Tusk Award was introduced by Convocation in August 2003 and is traditionally bestowed upon alumni who epitomize the institution's tradition of excellence. Recipients of the award have brought great honour and recognition to the university through their academic and social development achievements. As a recording artist, Soni has become a local household brand with the success of his instrumental albums titled *Songs of my Flute* and *Moods of my Flute* and recently launched his third album, *Shades of Expression* which can be heard on *Lotus Fm* and *Radio Hindvani*.

Right: Siyabonga Vezi, Vice President of DUT Convocation hands over the Silver Tusk Award to Rakesh Soni

DUT Wins Cyber Junkyard 2009/2010 International Challenge

A Mechanical Engineering team at DUT were awarded first prize as overall winners of the Cyber Junkyard 2009/2010 Challenge which was held at the Indaba Hotel in Fourways, Johannesburg, on 20 May. The national annual competition was sponsored by technology companies, Siemens, Festo and Lapp Cable and was open to universities within the Southern African Development Community (SADC).

Project Leader, Professor Krishnan Kanny said: "Cyber Junkyard is an industrial inter-tertiary competition aimed at bringing industry and education closer together. This year's theme titled, "Play the Game, Save the Planet" focused on the use of a mobile technology demonstration unit, in the form of a high-tech soccer game, using renewable energy. Twelve universities competed against each other and DUT emerged as the overall winners, with the best design. The project took three months to complete and is valued at R245 000. In comparison to other university submissions, DUT's project is unique and is admired for its simplicity and ingenuity. The team is elated with this feat".

He said DUT has received R120 000 in equipment as sponsorship for the innovation. The demonstration unit will go on a mobile exhibition, together with other university projects, at various 2010 FIFA World Cup soccer venues around the country. The competition culminated in a head-to-head challenge between all participating universities. Team DUT includes innovative



undergraduate engineering students, Brett Binnekade, Ruarie Procter, Cody Lister and Joshua Swain who are currently completing the degrees in mechanical and mechatronics at the university.

"Students were given the opportunity to apply their programming skills, knowledge of process control, electronics and mechanical engineering. This has contributed towards reinforcing their theoretical knowledge, encouraging team work and the ability to manage a project under a strict budget and within a time frame. The funds received through this project will go towards upgrading the university's Mechatronics Laboratory", said Prof Kanny.

Team spokesman, Brett Binnekade said: "The idea of participating in an extra-curricular activity relating to our interest in Mechanical Engineering stemmed from my visit to the recent Industrial Design Expo. Building the demonstration unit has deepened our interest in our

career paths and has improved our automation skills. It has also inspired us to engage in more projects. During the manufacturing and programming phase, several pilot tests were conducted, which raised a lot of interest amongst students.”

He said the team is keen to engage in other projects involving engineering, industrial design, automation and robotics with other departments, universities and FET's. The project was divided into different areas and the work load was allocated accordingly. It involved electrical wiring, creating a circuit, the installation of a Programmable Logic Controller (PLC) and a Human Machine Interface and manufacturing of panels for the fabrication of the demonstration unit.

*Pictured: DUTMechEngTeam.JPG: (Back row, from left) Brett Binnekade, Prof Krishnan Kanny, Ruarie Procter, (seated from left) Cody Lister and Joshua Swain
DSCO7072.JPG: (Back row, from left) Cody Lister, Brett Binnekade, Ruarie Procter, (seated from left) Prof Krishnan Kanny and Joshua Swain
DUTCyberJunkyardproject.JPG: Solar powered soccer game machine, developed by Team DUT.*

Photographer: Karishma Ganpath

Photographs are supplied by Audio Visual. Other images are supplied by departments and DUT staff.

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