



UNIVERSITY OF NATAL

DURBAN CAMPUS

DURBAN

Graduation / Diploma Ceremony

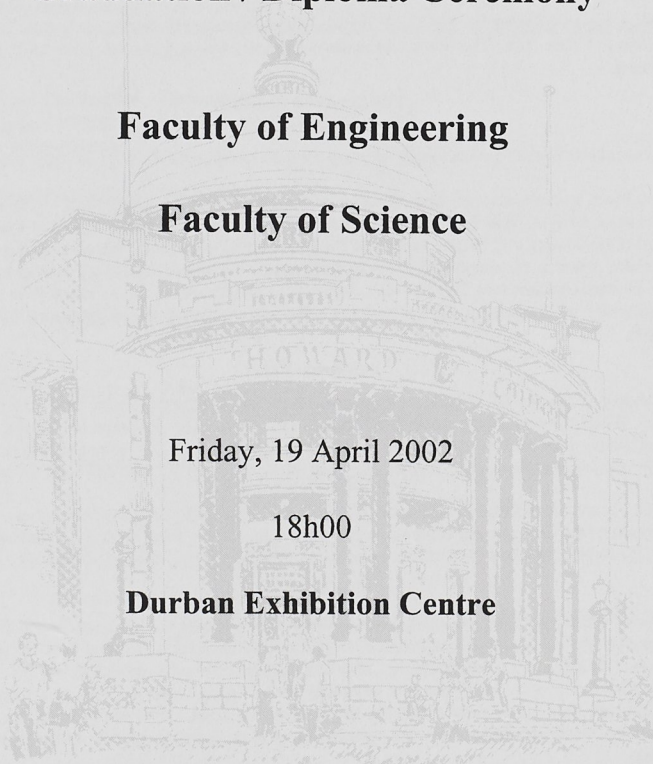
Faculty of Engineering

Faculty of Science

Friday, 19 April 2002

18h00

Durban Exhibition Centre



The Chancellor

"Chancellor" is an office that goes back to antiquity: the original Chancellor or *cancellarius* (as the office was known) regulated access to the Roman Tribune. In medieval times, the office became associated with the heads of the writing departments of the early kings. Because so few people were literate, a chancellor was necessarily learned. This is why the heads and spokespersons of the early universities were also accorded the title. More recently, the office has become largely symbolic. The executive head of a university is its vice-chancellor.

Justice Pius Langa is the sixth Chancellor of the University of Natal. His predecessors are: The Honourable D G Shepstone (1949-1966), Dr G G Campbell (1967-1973), Dr B A Armitage (1973-1983), the Honourable R N Leon QC (1983-1992), and Archbishop D E Hurley (1993-1998).

The Mace

The Chancellor's Mace is used on ceremonial occasions presided over by the Chancellor and is regarded as the Chancellor's "staff of office". It symbolises the University's protection of its Chancellor.

The use of the mace as a symbol of authority has a long history. The head of a copper mace, which apparently dates back to the 12th Century before Christ, has been excavated at Beyce Sultan in Asia. In the early centuries, churchmen who went to war often carried a mace in preference to a sword. One side of the mace-head was beautifully decorated with the owner's emblem and on the other side was a large knob which served as a weapon, but was always round as a reminder of church law forbidding the shedding of blood. In the early centuries the mace was a symbol of the king's authority. During the power struggle between the king and the Commons in the 13th Century, the king gave the speaker the mace as a symbol of his indemnity against arrest.

The Mace was designed by Mr G H Atkins, senior lecturer in sculpture in the University's Department of Fine Arts. The Mace was made in England, it was first used at the 1970 graduation ceremonies.

The Armorial Bearings (see front cover)

The armorial bearings of the University of Natal were awarded by the College of Arms in London..

The two black wildebeest come from the arms of the Province of KwaZulu-Natal. They are shown in full course to symbolise movement and progress. The two open books represent the universal heritage of knowledge and the two centres of the University, Durban and Pietermaritzburg. The five pointed star refers to the naming of Natal by Portuguese navigators when they landed for the first time at Durban on Christmas Day in 1497. *Stella Aurorae* (star of the dawn) symbolises the role of the University in bringing to light new knowledge and spreading the enlightening influence of education.

Academic Dress

The wearing of gowns by judges, ministers, teachers and scholars is an ancient and significant custom. When the graduating students at universities receive their diplomas or degrees, they, too (and for some, only once in their lives) wear the caps and gowns and so participate in this long tradition. By wearing the ancient regalia, they join hands with students past and students present.

In modern academic ceremonies the standard cap and gown are almost universally worn. Of all the components of the costume, the hood conveys the greatest amount of information: it makes clear the level of the degree, the faculty in which it was given, and the institution which awarded it.

Convocation

After being capped by the Chancellor, each graduate moves across the stage and hands the hood to the President of Convocation (or representative). The President places the hood upon the graduate's shoulders. At the end of the ceremony, after the Chancellor's procession has left the stage, the President leads a procession of the new graduates out of the hall, row by row, to symbolise their acceptance into, and future membership of, the Convocation of the University of Natal, the statutory body through which graduates have the opportunity to play a continuing role in the affairs of the University.

OFFICERS

- Chancellor** The Honorable Justice PN Langa
Deputy President of the Constitutional Court
Bluris, LLB(Unisa), LLD(honoris causa)(UNIZUL)
- Acting Vice-Chancellor** DA Maughan Brown
BA(CapeTown), MA(Cantab), DPhil(Sussex)
- Chairman of Council** A Rogoff
CA(SA)
- Deputy Vice-Chancellor
(Students and Transformation)** EA Ngara
BAHons, MPhil, PhD(London)
- Deputy Vice-Chancellor
(Research and Development)** SS Abdool Karim
*MBChB(Natal), MS(Epidem)(Columbia), FFCH(CommHlth)(SA),
MMed(CommHlth), PhD(Natal)*
- Acting Deputy Vice-Chancellor
(Academic)** A Kaniki
BALS(Zambia), MS(Illinois), PhD(Pittsburgh)
- Acting Deputy Vice-Chancellor
(Administration)** LW Roberts
*PREng, MScEng(Natal), PhD(London), DIC, HonFSAIMechEng,
MASME*
- Pro Vice-Chancellor
(Executive Director: NUDF &
Public Affairs)** JD Volmink
BScHons(UWC), PhD(Cornell)
- Pro Vice-Chancellors
(Academic)** MA Hellberg
BScHons(CapeTown), PhD(Cantab), FRSSAf, FInstP
TH King
MAFA(Witwatersrand), UED(Natal)
- Registrar** PM Malgas
BAHons(UWC)
- President of Convocation** Z Mlisana
MBChB(Natal), FCP(Paed)(SA)
- Orator** WH Peters
*BArch(Natal), MSc(Heriot-Watt),
Dr-Ing(Hannover), ArchSA, MIArch(BArch-degree)*

Deans of Faculties

- Engineering** HD Schreiner
*PrEng, BScEng, MScEng(Natal), PhD(London), DIC, MSAICE,
MICE, CEng*
- Science** JJ van den Berg
MSc(Pret)

PROGRAMME

The Academic Procession enters the Hall

The Acting Chancellor constitutes the Congregation

Welcome to Guests

Professor E A Ngara

Deputy Vice-Chancellor (Students & Transformation)

Address

Students' Representative Council

Presentation of Doctoral Graduands

Deans of the Faculties

Guest Speaker

The Orator introduces the Guest Speaker

Address

Dr R Adam

Director General: Department of Arts, Culture,
Science & Technology (DACST)

Musical Interlude

University of Natal Chorale

Presentation of Graduands and Diplomates

Deans of the Faculties

The Acting Chancellor dissolves the Congregation

National Anthem

The Congregation is invited to join in the singing of the National Anthem

The Academic Procession leaves the Hall

The congregation is requested to stand
while the procession enters and leaves the Hall

Only officially authorised persons may take photographs during the ceremony

Please ensure that cell phones are turned off

Doctor of Philosophy in the Faculty of Science

Discipline

- Celliers, Louis, *MScAgric* *Biology***
 Thesis: Effects of a crown-of-thorns starfish outbreak relative to other disturbances on marginal, high-latitude coral communities at Sodwana Bay, South Africa.
 (Dr M H Schleyer)
- Cheplogoi, Peter Kiplagat, *BSc(Egerton), MSc(Nairobi)* *Chemistry***
 Thesis: Extractives from the Meliaceae, Kirkiaceae and Rutaceae.
 (Professor D A Mulholland)
- Coombes, Philip Hugh, *BSc(Rhodes), MSc(UPE)* *Chemistry***
 Thesis: Extractives from the Meliaceae and Simaroubaceae of Madagascar.
 (Professor D A Mulholland)
- Deenadayulu, Nirmala, *BSc(UDW), MSc* *Chemistry***
 Thesis: Thermodynamic properties of nonelectrolyte mixtures containing quinoline or 1,3-dimethyl-2-imidazolidinone.
 (Professor T M Letcher)
- Kabeto, Mieso Denko, *BSc(Addis Ababa), MSc(Wales)* *Computer Science***
 Thesis: The design and simulation of routing protocols for mobile *ad hoc* networks.
 (Professor W Goddard)
- Koorbanally, Neil Anthony, *MSc* *Chemistry***
 Thesis: Extractives from the Ptaeroxylaceae and the Mesembryanthemaceae.
 (Professor D A Mulholland)
- Milne, George Charles, *BScHons* *Geology***
 Thesis: Aspects of the geology and geochemistry of the proterzoic rocks of the Valley of a Thousand Hills, KwaZulu-Natal.
 (Professor M K Watkeys)
- Mosala, Thabang Innocentia, *BScHons(UNITRA), MSc* *Biology***
 Thesis: Geohelminth transmission among slum-dwelling children in Durban, South Africa.
 (Professor C A Appleton)
- Moyo, Sibusiso, *BSc(Zambia), MSc* *Mathematics***
 Thesis: Symmetry properties of ordinary differential equations, Noether's theorem and first integrals of ordinary differential equations.
 (Professor P G L Leach)
- Perritt, Samantha Helen, *BScHons* *Geology***
 Thesis: The Ahlmannryggen Group, Western Dronning Maud Land, Antarctica.
 (Professor M K Watkeys)

- Pohl, Tracy-Lee Samantha, MSc** *Chemistry*
 Thesis: Extractives from the Amaryllidaceae and the Hyacinthaceae.
 (Professor D A Mulholland)
- Sugden, Margaret Ann, MSc** *Geographical & Environmental Science*
 Thesis: An historical analysis of changes in the population patterns of Indian South Africans: 1860-1991.
 (Dr D Scott)
- Vorster, Darren James, BScHons(CapeTown)** *Biology*
 Thesis: Characterisation and role of sugarcane invertase with special reference to neutral invertase.
 (Dr B Huckett)
- Wesley-Smith, James, BSc(Natal), TechDip(RMS)** *Biology*
 Thesis: Investigations into the responses of axes of recalcitrant seeds to dehydration and cryopreservation.
 (Professor P Berjak)

Doctor of Philosophy in the Faculty of Engineering

Discipline

- Bell, Joanne, MScEng** *Chemical Engineering*
 Thesis: Treatment of dye wastewaters in the anaerobic baffled reactor and characterisation of the associated microbial populations.
 (Professor C A Buckley)
- Loubser, Richard Clive, MScEng** *Mechanical Engineering*
 Thesis: The influence of wagon structure on the vertical response of freight.
 (Dr S Kaczmarczyk)
- Love, David John, BScEng** *Chemical Engineering*
 Thesis: Dynamic modelling and optimal control of sugar crystallisation in a multi-compartment continuous vacuum pan.
 (Professor M Mulholland)
- Mayor, James Rhett Stuart, BScEng** *Mechanical Engineering*
 Thesis: Automated visual inspection apparatus for flexible manufacturing systems.
 (Professor G Bright)
- Schwikkard, Gavin Wyatt, MScEng** *Chemical Engineering*
 Thesis: An investigation of advanced oxidation processes in water treatment.
 (Professor C A Buckley)
- Tlale, Nkgatho Sylvester, MScEng** *Mechanical Engineering*
 Thesis: Reverse engineering apparatus for printed circuit boards incorporating an advanced material handling system.
 (Professor G Bright)

Venayagamoorthy, Ganesh Kumar, BScEng(AbubakarTafawaBalewa),MScEng
 *Electrical Engineering*
 Thesis: Adaptive critic based neurocontrollers for turbogenerators in a multimachine power system.
 (Professor R G Harley)

Guest Speaker

Adam, Robert Martin, BScHons(CapeTown),MSc,PhD(Unisa)

Master of Science

Discipline

- † **Bodasing, Marilyn Naomi, BSc(UDW)** *Biology*
 Dissertation: Proximate factors influencing dispersal in the social spider, *Stegodyphus mimosarum* (Araneae, Eresidae).
 (Professor R Slotow)
- Chetty, Jonathan, BScHons** *Chemistry*
 Dissertation: Extractives from the Amaryllidaceae.
 (Professor DA Mulholland)
- Chetty, Senica, BScHons** *Biology*
 Dissertation: The development of clone-unspecific micropropagation protocols for three commercially important Eucalyptus hybrids.
 (Professor MP Watt)
- Choge, Simon Kosgei, BScHons(MoiUniv)** *Geographical & Environmental Science*
 Dissertation: A study of economic aspects of the wood carving industry in Kenya: Implications for policy development to make the industry more sustainable.
 (Professor W Ellery)
- Dovey, Martin Charles, BScHons** *Chemistry*
 Dissertation: Ethyl N-bromo-alkylcarbamates as heterocyclic precursors from *Oceanapia* sp.
 (Professor DA Mulholland)
- Govender, Nishlan, BScHons** *Chemistry*
 Dissertation: A comparative study of VPO catalysts in the oxidation of butane to maleicanhydride.
 (Dr HB Friedrich)
- † **James, Nicola Caroline, BSc(Rhodes),BScHons** *Biology*
 Dissertation: The status of the riverbream, *Acanthopagrus berda* (Sparidae), in estuarine systems of northern KwaZulu-Natal, South Africa.
 (Dr L Beckley)

† incidates degree awarded *cum laude*

- † John, Anslyn James, *BScHons* *Mathematics*
 Dissertation: Spherically symmetric solutions in relativistic astrophysics.
 (Professor S Maharaj)
- Jordan, Ingrid Elizabeth, *BScHons* *Biology*
 Dissertation: The development of coral propagation techniques for the culture of aquarium specimens
 (Dr M H Schleyer)
- Jugoo, Vikash Ramanand, *BScHons* *Mathematics*
 Dissertation: Computer analysis of equations using Mathematica.
 (Dr K Govinder)
- Lewis, Mark Robert Melford, *BScHons* *Computer Science*
 Dissertation: Spectral techniques for roughness estimation.
 (Professor H G Murrell)
- Mantlana, Khanyisa Brian, *BScHons(UDW)* *Biology*
 Dissertation: What determines the structure of *Colophospermum mopane* under field conditions in north-western Botswana..
 (Professor N W Pammenter)
- † Moodley, Brenda, *BScHons* *Chemistry*
 Dissertation: Characterisation of SAPPI SAICCOR pulp mill's effluent.
 (Professor J Marsh)
- † Moodley, Nivan, *BScHons* *Chemistry*
 Dissertation: The chemical investigation of *Ledebouria zebrina* and *Scilla natalensis*.
 (Professor D Mulholland)
- Muller, Elizabeth Anne, *BScHons* *Geographical & Environmental Sciences*
 Dissertation: Quantification of the human health risks associated with kerosene use in the informal settlement of Cato Manor, Durban.
 (Professor R Diab)
- Murrell, Katharine Ann, *BA.HDE* *Computer Science*
 Dissertation: Computer assisted education: Design, development and evaluation.
 (Professor J Meyerowitz)
- Naicker, Jaysen, *BScHons* *Physics*
 Dissertation: Measurement and validation of waterlines and surface currents using surf-zone video imaging.
 (Professor M J Alport)
- Naidoo, Dashnie, *BScHons* *Chemistry*
 Dissertation: Extractives from the Meliaceae and Ptaeroxylaceae.
 (Professor D A Mulholland)

† indicates degree awarded *cum laude*

- † Neal, Marian Jane, *BSc(Rhodes), BScHons* *Geographical & Environmental Sciences*
 Dissertation: The vegetation ecology of the lower Mkuze River floodplain, northern KwaZulu-Natal: A landscape ecology perspective.
 (Professor W Ellery)
- Padayachee, Thavashen, *BScHons* *Physics*
 Dissertation: Measurement of soil in sugar cane using non-destructive techniques.
 (Professor M J Alport)
- Payn, Kitt Garnet, *BScHons* *Biology*
 Dissertation: Heritability of wood density and the occurrence of genotype x environment interaction in progeny trial series of *Pinus patula*.
 (Professor MP Watt)
- Pitout, Richard Allan, *BScHons* *Physics*
 Dissertation: PHAROS: pluri-detector, high-resolution, analyser of radiometric properties of soil cores.
 (Professor M J Alport)
- Singh, Pranitha, *BPaed(Sc)(UDW), BScHons(Unisa)* *Mathematics*
 Dissertation: A measure-theoretic approach to chaotic dynamical systems.
 (Professor J Banasiak)
- Tivane Lichucha, Ivone Delfina Lourenço, *Licentiate(HighPedInst,Maputo)* *Biology*
 Dissertation: Management of the linefish resource in southern Mozambique: A case study for marreco (*Chrysoblephus puniceus*).
 (Mr R van der Elst)
- Turner, Geoffrey Robert, *BScEng* *Physics*
 Dissertation: Novel pulsed power applications.
 (Professor M M Michaelis)
- † Warwick, Peta-Anne, *HND(NATTEK)* *Biology*
 Dissertation: Water quality indicators in estuaries: A case-study in Kwa-Zulu Natal.
 (Dr M H Schleyer)

Master of Science (Environmental & Engineering Geology)

- Kujawa, Thomas, *BScHons(CapeTown)*
 Coursework and Dissertation: Rock mass rating and slope stability analysis of quarry faces within the Dwyka tillite of KwaZulu-Natal.
 (Mr CA Jermy)

† indicates degree awarded *cum laude*

Master of Science (Environmental Science)

Matooane, Mamopeli Retsepile, BTech(CapeTech).BScHons

Coursework and Dissertation: Human health risk assessment of sulphur dioxide (SO₂) in the South Durban Industrial Basin (SDIB).
(Professor R Diab)

Singh, Renelle, BScHons(UDW)

Coursework and Dissertation: Spaces of social compulsion: A case study of the Sugar Mill Casino.
(Dr S Brooks)

Master of Science in Engineering

Discipline

Akol, Roseline Nyongarwizi, BScEng(Makerere) Electronic Engineering
Dissertation: Multidimensional trellis coded modulation for MC-CDMA systems.
(Professor F Takawira)

Ascough, Gregory William, BScEng Agricultural Engineering
Dissertation: Procedures for estimating gross irrigation water requirement for crop water requirement.
(Dr G A Kiker & Mr C Stimie)

Bedassi, Randhir Isri, BScEng Chemical Engineering
Dissertation: Infinite dilution activity coefficients via differential ebulliometry.
(Professor D Ramjugernath & Professor J D Raal)

Butler, Andrew John Edward, BScEng Agricultural Engineering
Dissertation: The inclusion of an operating rule framework into the ACRU 2000 agrohydrological modelling system.
(Professor J C Smithers, Professor R E Schulze & Dr G P W Jewitt)

† **Byers, Geoffrey James, BScEng Electronic Engineering**
Dissertation: Concatenated space-time codes in rayleigh fading channels.
(Professor F Takawira)

Friedrich, Elena, BScHons Chemical Engineering
Dissertation: The use of environmental life cycle assessment for the production of potable water.
(Professor C A Buckley & Mr C J Brouckaert)

Govender, Manogran, BScEng Chemical Engineering
Dissertation: Investigation of a proton exchange membrane fuel cell (PEMFC).
(Professor C A Buckley)

† indicates degree awarded *cum laude*

- Govindasamy, Prabeshan, BScEng** *Agricultural Engineering*
Dissertation: Predicting emissions using an on-road vehicle performance simulator.
(Professor P W L Lyne)
- Kedge, Caryn Julie, BScEng** *Agricultural Engineering*
Dissertation: The evaluation of selected appropriate irrigation technologies for small-scale farmers.
(Dr G A Kiker & Dr S A Lorentz)
- Kissun, Sudhir Manilall, BScEng** *Chemical Engineering*
Dissertation: Measurement and thermodynamic interpretation of high pressure vapour-liquid equilibrium at sub-ambient temperatures.
(Professor D Ramjugernath & Professor J D Raal)
- McIntosh, Ian James, BScEng** *Electronic Engineering*
Dissertation: Implementation of an application specific low bit rate video compression scheme.
(Professor R C S Peplow)
- Naidoo, Dasaradan, BScEng** *Chemical Engineering*
Dissertation: A laboratory-scale investigation of factors affecting autogenous milling.
(Professor B K Loveday)
- ✦ **Ngatched Nkouatchah, Telex Magloire, BScEng(Yaounde)** *Electronic Engineering*
Dissertation: Performance of turbo-coded DS-CDMA systems in fading and burst channels
(Professor F Takawira)
- Pillay, Kleantha, BScEng** *Chemical Engineering*
Dissertation: Pyrolysis of chlorinated organics.
(Professor D R Arnold & Professor D Ramjugernath)
- ✦ **Pillay, Magash, BScEng** *Electrical Engineering*
Dissertation: A network based rapid prototyping system for applications in research and engineering education
(Mr G Diana & Professor R C S Peplow)
- Sewnarain, Reshan, BScEng** *Chemical Engineering*
Dissertation: Investigation into a multipurpose separation and purification facility for Sasol.
(Professor D Ramjugernath, Professor D R Arnold & Professor J D Raal)
- Sinclair, Douglas Scott, BScEng** *Civil Engineering*
Dissertation: A linear catchment model for real time forecasting.
(Professor G G S Pegram)
- Taylor, Paul Victor, BScEng** *Electrical Engineering*
Dissertation: Case study into bird streamer caused faults on a 275 kV transmission grid.
(Dr D A Hoch)

✦ indicates degree awarded *cum laude*

Thakadu, Batlhowahela Chakane David, BScEng(CapeTown) Electronic Engineering
 Dissertation: Lattice-structure based MMSE detectors for DSMA-CDMA systems.
 (Professor F Takawira)

✦ **Touche du Pujol, Géraldine, BScEng..... Mechanical Engineering**
 Dissertation: Buckling of short, thin-walled cylinders as applied to storage tanks
 (Professor S Adali)

Walingo, Tom Mmbasu, BTech(Moi) Electronic Engineering
 Dissertation: Performance of TCP over wireless with quality of service.
 (Professor F Takawira)

Walker, Myles Larcombe, BScEng Electrical Engineering
 Dissertation: Test bed system for investigating the energy usage of variable speed drive systems.
 (Mr G Diana)

✦ **Whitehead, James Bruce, BScEng..... Electronic Engineering**
 Dissertation: Space-time multi-user detection of multi-carrier DS-CDMA systems.
 (Professor F Takawira)

Worthmann, Cedric Alwyn, BScEng Electrical Engineering
 Dissertation: Feasibility study of a neural network current controller for a boost rectifier.
 (Mr G Diana)

Master of Science (Engineering)

Discipline

Dunwoodie, Ryan, BScEng Chemical Engineering
 Dissertation and coursework: Inverse internal model control of an ethylene polymerisation reactor using artificial neural networks.
 (Professor M Mulholland)

Guiamba, Isabel Remigio Ferrão, BScEng(Eduardo Mondlane)..... Chemical Engineering
 Dissertation and coursework: Adaptive dynamic matrix control for a multivariable training plant.
 (Professor M Mulholland)

Master of Science in Land Surveying

Matela, Motlotlo Peter, BSc(EastLondon)
 Dissertation: Lesotho geodetic network.
 (Mr J Jackson)

✦ indicates degree awarded *cum laude*

Master of Science (Land Surveying)

Mothuntsane, Bophelo, *BSc(Lesotho), PGDipSur*

Dissertation and coursework: Applications of land information systems in land re-adjustment projects – a Lesotho experience.
(Mr S M Chilufya)

Namalomba, Andrew, *HND(NorthEastLondonPolytechnic, PGDipSur*

Dissertation and coursework: Framework for the development of a national cadastral and land registration system in Malawi.
(Mr M Chilufya)

Master of Environmental Management

Cubitt, Jacky Lyn, *BSocScHons*

Coursework and Dissertation: An assessment of the status of environmental impact assessment follow-up in KwaZulu-Natal.
(Professor R Diab)

Ninela, Phillip Gcinumetho, *BSocScHons*

Coursework and Dissertation: Environmental justice and the long-term impacts of large dam projects: A case study of communities displaced by the Inanda Dam Project.
(Dr S Brooks)

Rigby, Sally-Ann, *BSocScHons*

Coursework and Dissertation: Environmental sustainability and the Development Facilitation Act (Act 67 of 1995).
(Professor R Diab)

van Rooyen, Raymond Daniel, *BTech, NatConserv(MangosuthuTech)*

Coursework and Dissertation: An investigation into the Port of Durban water quality management.
(Professor G Garland)

Bachelor of Science Honours (Applied Mathematics)

van den Berg, Paul, *BSc*

Bachelor of Science Honours (Applied Physics)

Ogle, Peter Michael, *BSc*

Bachelor of Science Honours (Biological Sciences)

Bajic, Jelena, *BSc*

Dunlop, Karryn Leigh, *BSc(Rhodes)*

Govender, Vanashrie, *BSc*

Henry, Chiara Alysia, *BSc*

Kortenbout, Nico Jan, *BSc*

Marot, Carolyn Anne, *BSc*

- ✦ McCormick, Alistair James, *BSc*
- Moodaly, Padmaloshnee, *BSc*
- Naicker, Janine, *BSc*
- Naicker, Kesree, *BSc*
- ✦ Naidoo, Sasha, *BSc*

Reddy, Viloshanie, *BSc*
 Reid, Caroline, *BSc*
 Rupnarain, Charleen, *BSc*
 Smit, Lynda Anne, *BSc*

Bachelor of Science Honours (Biological Sciences with Chemistry)

O'Brien, Sarah-Anne, *BSc*

Bachelor of Science Honours (Chemistry)

Harilal, Avinash, *BSc*
 Harripersadh, Ursulla, *BSc*
 Ismail, Fathima, *BSc*
 Kemm, Raylene Louise, *BSc*
 Makhoba, Xolani Simphiwe, *BSc*
 Mdakane, Bongani Patrick, *BSc*

Owens, Lyndon Joseph, *BSc*
 Phelembe, Nonhlanhla Jillian, *BSc*
 Pillay, Bavani, *BSc*
 ✦ Raasch, Terrence, *BSc*
 Sehlakgwe, Nokuthula Portia, *BSc*
 Singh, Amith, *BSc*

Bachelor of Science Honours (Computer Science)

- Deonarain, Vinay Jairaj, *BSc*
- ✦ Gounden, Marcellan, *BSc*
- Govender, Devan, *BSc*
- Govender, Natasha, *BSc*
- ✦ Jekot, Marcin Tomasz, *BSc*
- ✦ King, Craig Raymond, *BSc*
- Kuwar, Dinesh, *BSc*
- McKenzie, Richard Keith, *BSc*
- Moodley, Keagan, *BSc*
- Mpungose, Artwell Sandile, *BSc*

Naicker, Dhivendran, *BSc*
 Naidoo, Soogandhree, *BSc*
 Naidoo, Vinesh Jay, *BSc*
 Nundoo, Lynelle Beverley-Ann, *BSc*
 Pillay, Marlon, *BSc*
 Radhakisson, Vitesh, *BSc*
 ✦ Rangappa, Krishendran, *BSc*
 Sham, Dharendra, *BSc*
 Singh, Vishal, *BSc*
 Twelves, Timothy Robert, *BSc*

Bachelor of Science Honours (Environmental and Engineering Geology)

Balesamang, Jacob, *BSc(CapeTown)*
 Moodley, Shivani, *BSc*

Owens, Desmond John, *BSc*
 Reddy, Hemla, *BSc*

Bachelor of Science Honours (Environmental Science)

de Oliveira, Leila Paiva Nazareth Andrade, *BSc*
 Herman, Kevin Russell, *BSc*

Mari, Krishnaveni Kubashni, *BSc*
 Pillay, Renelle Karen, *BSc*

✦ indicates degree awarded *cum laude*

Bachelor of Science Honours (Geographical and Environmental Management)

✦ **Bass, Orli**, *BSc(CapeTown)*
Govender, Yugesjni, *BSc*

Khumalo, Thulie Nomsa, *BSc(UNISWA)*
Mullins, Robert Gregory, *BSc*

Bachelor of Science Honours (Geology and Ore Deposits)

Brayshaw, Matthew McKenzie Currie, *BSc* ✦ **Leslie, Miree Jade**, *BSc*
Fick, Philip Mark, *BSc*

Bachelor of Science Honours (Mathematics)

✦ **Hsieh, Ai-Ni**, *BSc*

Bachelor of Science Honours (Physics with Geology)

Bejaichund, Mayshree, *BSc*

Bachelor of Science Honours (Statistics)

Hariparshad, Anesh Premchund, *BSc* ✦ **Manjoo, Ahmed Mahomed Iqbal**, *BSc*

Bachelor of Science in Engineering

(Agricultural Engineering)

Dupuche, Patrice Vincent
Gregory, Justin Haig
Herbert, Russell Lloyd

Meikle, Bruce James
Muller, Stuart John

(Chemical Engineering)

Bageloo, Kiren
Chetty, Crispin Joash
✦ **Clifford, Scott Llewellyn**
Cole, Melanie Anne
David, Warren
du Preez, Mark Astley
Durjan, Rakesh Parabhoonath
Ellis, Bruce Malcolm

Ellison, Neal
Govender, Dean
Govender, Devakumaran
Govender, Kuvarshan Marimuthu
Govender, Thishen
Govender, Wesley
Haripersad, Brendon
Hemphill, Allen Llewellyn

✦ indicates degree awarded *cum laude*
★ indicates degree awarded *summa cum laude*

Iyer, Suganathan
 Jagath, Sadhana
 Lalloo, Namira
 Madlala, Ndimiso Marius
 + Maharaj, Pavan Jaydev
 Mohabir, Shanil
 Moodley, Anand
 Moodley, Angeline
 Morgan, Sherwin
 Naidoo, Dinesh
 Nannoolal, Yash
 Nulliah, Sasha
 Nxumalo, Percival Dumisani

Pillay, Abishesen
 Pillay, Kruben
 Poulten, Amanda Tiny
 Ramloutan, Nishal Mohanlal
 Rascher, Gregory Vaughn
 Roebuck, Duncan Christopher
 Rughubir, Nikash
 Sayanna, Sudashni
 Seolall, Roniel
 Singh, Yurisha
 Soni, Minal
 Vosloo, John-Roy Ivy

(Civil Engineering)

Bell, Ryan
 Burath, Amith Jewan Parkaash
 Chauke, Douglas Skheto
 Dookhi, Revash
 Everitt, Deanne Lisa
 Govender, Devan
 Govender, Manivasen
 Govender, Nerashen
 Griffith, Mark Richard
 Hards, Adrian Fradic
 Hodsdon, Andrew Peter
 Kasaven, Livania
 Lalbasanth, Devendra
 Lewis, Grant Wayne
 Mahomed, Imraan
 Manoto, Mpho Ramanonyane Michael
 McIntosh, Frazer Douglas
 Melvill, James Alexander

Mkhize, Ntombiyenkosi Annamaria
 Naidoo, Krishna Rapeti
 Naidoo, Praves
 Naidoo, Veresh
 Nundlall, Nischal
 O'Brien, Garon John
 Perkins, Mark Rainier
 Pillay, Chellan
 Ramsunder, Viroshka
 Rochecouste Collet, Bertrand Jacques
 Stagman, Rodney Lawrence
 Thring, Guy Peter
 Titchmarsh, Carl
 Urquhart, Ross Hamilton
 van Rooyen, Darren Craig
 Wesson, Stephen Malcolm
 Westray, Leslie Ryan

(Electronic Engineering)

Abdul Gaffar, Mohammed Yunus
 Abdul Gaffar, Mohammed Yusuf
 Adriaanse, Lee Wesley
 Ball, Jason Stuart
 Boutelje, Adrian George
 Chen, Yi-Chen
 Chetty, Dayahalan Thangavelloo
 + Coetsee, Dirk Conrad

Dearham, Nicholas Joseph
 Dlamini, Wandile
 Gounden, Kevinthhren
 Govender, Desigan
 Govender, Pravindhrin
 Govender, Sumeshan
 Hancock, Grant David
 ★ Jackson, Edmund Stephen

+ indicates degree awarded *cum laude*

★ indicates degree awarded *summa cum laude*

Kadwa, Ahmed Yusuf
 Macrae, Kenneth Farquhar
 Madanda, Shumani Simeon
 Madiba, Ramaesela Prudence
 Mahomed, Junaid
 Mkhize, Emmanuel Xolani
 Moodley, Kevan
 Nair, Vanessa
 Parbhoo, Mahesh Hasmukh
 Pranlall, Nishal
 Quazi, Tahmid Al-Mumit
 Ramjeeth, Avin Anthony
 Ramlakhan, Niven Bhimraj

Ramouthar, Alvin Lee
 Rampurthab, Viresh
 Samigramni, Srinivasan
 Sheodass, Sudesh
 Spring, Nicholas Andrew
 Stempowski, Andrzej Graham
 Sukai, Rishen
 Tomlinson, Glynn William
 Velayudan, Mergandran
 ★ Viana Rodrigues, João
 Walker, Stuart Neil
 White, Brian Alexander

(Electrical Engineering)

Chetty, Kumara
 Deyzel, Leon Spence
 Govender, Trevor Desigan
 Jali, Sibusiso Mhlebeni
 Khan, Hoosen Ahmed
 Khosa, Hlamalani Jimmy
 Kisten, Roderick Nigel
 Kunene, Fortune Velenkosini
 Latchmanan, Glenvin
 Lukhele, Vusi Goodwill
 Maharaj, Rivash
 Maharaj, Yashin
 Maphalala, Nhlanhla Goodman
 Mhlanga, Mfanimpela Zacharia

Modau, Minute Phedzisani
 Molefi, Ahe
 Moodley, Praveen
 Mthembu, Martin Thami
 Mtolo, Patrick Dumsani
 Nair, Nishal Karamchand
 Pillay, Devadasan
 Pillay, Shamendran
 Ramdari, Le Dwarakadass
 Reddy, Lumashan
 † Reid, Barry Wayne
 Saman, Ravindra Masilamoney
 Thusi, Lourenco Mafika

(Mechanical Engineering)

Beaumont, Stuart Nicholas
 Bemont, Clinton Pierre
 ★ Botha, Mark Quentin
 Childs, Emlyn Keith
 Cleave, Kevin Edgar Johann
 Corielle, Adriano
 † Cousins, Michael Geoffrey
 de Waal, Sijmon Kees Eric
 Dlamini, Sifiso Nkosinathi
 Ferreira, David Leite
 Ferreira, John Dudley

Ferriere, Julien Jean
 Findlay, Stewart Cornel
 Gates, Wesley John
 ★ Goga, Ebrahim
 ★ Gontier, Rowan Louis
 Gunaselvam, Ariyamalar Jessica
 Miriam
 Gwala, Timothy Sicelo
 Harries, Bryn David
 † Herbert, Alistair Ian
 Irving, Hamish Murray

† indicates degree awarded *cum laude*
 ★ indicates degree awarded *summa cum laude*

Jazbhay, Suleman Haroon
 Kesval, Emmanuel Newton
 L'etang, Robert James
 ✦ Maharaj, Ashveer
 ★ Maharaj, Yeshern
 Mngoma, Sibongeleni Refuge
 Mnguni, Sithembiso Gordon
 ✦ Moodley, Dylon Deremis
 Naidoo, Dushendra
 Naidoo, Poovan
 Nelson, Bryan Steven
 Ntuli, S'phiwe Musawenkosi

Paramaser, Errol
 ★ Pillay, Sandrasen Kuppusamy
 Radebe, Khabonina Surprise
 Ralefeta, Vusumuzi Elias
 Ramnarain, Vishal
 Ramsaroop, Avinash
 Selvarajulu, Vinodhan
 Sibiya, Gugulethu Innocent
 ✦ Thomson, Vaughan Allen
 Tladi, Lejaka James
 Vilikazi, Sotsha Milton
 Zuma, Protus Sibusiso

Bachelor of Science in Land Surveying

Maseko, Magade Jacob
 Parbhunath, Abraham Rabind

Podmore, Rodney Ray

Bachelor of Science in Quantity Surveying

Agjee, Ismail
 Bedesi, Sharendra Sungeath
 Calder, Denver
 Chettiar, Shalina
 Chunnoo, Shanel
 Gungapersad, Nishani
 Harverson, Scott Ian
 Khoele, Selemela Tumelo
 Masondo, Siphamandla Goodenough

McKeown, Darroll Leigh
 Mthethwa, Nkazimulo Noel
 Mulla, Ayoob Ahamad
 Naidoo, Eschel Ronald Jason
 Paruk, Sameera
 Singh, Nathisha
 Stevens, Noel Alvin Benjamin
 Vahed, Humayra

Bachelor of Science in Construction Management

King, Andrew Malcolm
 Lahner, Gordon James

Moller, Michael John
 Ogle, Godfrey

Bachelor of Science in Property Development

Clark, Sam William
 Cunnoosaumi, Yaganarden
 Francis, Kerwen Jonathan
 Fuller, Thomas Douglas Grant

★ Gardner, Bronwyn Jennifer
 Govender, Kubandren
 Heerasing, Nildeshwaree
 Jones, Mark Anthony

✦ indicates degree awarded *cum laude*
 ★ indicates degree awarded *summa cum laude*

Naidoo, Genevieve
Ramdayal, Avitha Sandip

Singh, Sulesh
† van Schalkwyk, Hugo

Bachelor of Science

- | | |
|---|--|
| Adamson, Julie | Hajari, Elliasha (Cell Biology) |
| Ally, Showkat | Hansmann, Kathleen Marion |
| Baijnath, Sharlene | Hargovan, Kashmira Ansuyah |
| Beirowski, Charlene Tiffany | Hunsrajh, Akash |
| Bhigjee, Shoaib | Isaiah, Christina Terylena |
| Bholanath, Sanjana | Jairam, Sureka |
| Budree, Adheesh | Jones, Matthew Robert |
| ★ Buldeo, Nisheen (Statistics, Actuarial Science) | ★ Jugdeo, Shivaan (Statistics, Actuarial Science) |
| Cawthorn-Blazeby, Anton Christopher | Jumna, Aman (Computer Science) |
| Cele, Mthokozisi Hansford | Kanavathy, Leon Reeves (Computer Science) |
| Cele, Philile Cleopatra | Kanni, Yashodan |
| Chelliah, Milton | Khan, Mohamed Bilal |
| Cheruiyot, Anastacia | Khumalo, Bhekisisa Justice |
| Conde, Paulo Jose (Computer Science) | ★ Levings, Ruth Irene (Mathematics, Physics) |
| da Cunha, Marco Filipe Santos (Geography, Environmental Management) | ★ Lin, Yu-Jung (Statistics, Actuarial Science) |
| Dace, Peregrine | Ludlow, Jordan Rhys |
| Dall, Tyron | Mahabeer, Natasha |
| Davies, Gregory Bernard Peter | Maharaj, Adhir |
| de Coriolis, Brigitte Lee | ★ Maharaj, Amith (Statistics) |
| Demrugaram, Vishal | Maharaj, Amithe (Statistics) |
| † Deokaran, Yuren (Computer Science) | † Maharaj, Nishan Bramdeo (Computer Science) |
| Devantier, Geoffrey David | Maharaj, Reshika |
| Dheopursad, Dhevashni | Maharaj, Tasveer |
| † Dookhi, Dhiran (Statistics) | ★ Maharaj, Thushka (Computer Science, Applied Mathematics) |
| Douwes, Errol | Makhanya, Bongisipho Nkosinathi |
| du Bois, Paul Duncan | Maluleke, Tiyani Mikenso |
| † Firmin, Bruce (Statistics) | Manion, Carla Michelle Colenso |
| Gaffoor, Zakir | Matabal, Priyesh Hurriduth |
| Gobind, Dhiyaksha | Matengu, Brian Munihango |
| Govender, Desree | Mathenjwa, Phumelele Cecilia |
| Govender, Kerushan | ★ Matthee, Anthea (Mathematics, Psychology) |
| Govender, Kogie | Mazibuko, Nompumelelo Wendy |
| Govender, Mayashree | Mbatha, Marcus Mbongeleni |
| Govender, Rajendren | Mbatha, Thuledu Lydia |
| Govender, Roverndren | Mbongwa, Elliot Sibusiso |
| ★ Govender, Selverani (Statistics, Actuarial Science) | McCall, Alasdair James |
| Govender, Shamilla | McLeod, Lara-Jean |
| Gunpath, Bivash | Mkhize, Thembisile Gloria |

† indicates degree awarded *cum laude*

★ indicates degree awarded *summa cum laude*

Subject distinctions in brackets

- Mkhize, Zonke Queeneth Pearl
Mkhwanazi, Qoqanani (Statistics)
Mngomezulu, Thulile Pearl
- ✦ Moodley, Anand (Computer Science, Business Information Systems)
Moodley, Eshia Stephany
Moodley, Kifasha
Moodley, Vinodhinnee
Morris-Hale, Brynmor Stephen
Moss, Tamsyn-Claire
Mothapo, Makgamatho Godfrey
Mthembu, Zanele
Mthiyane, Maria Celiwe
Mweti, Albert Malopa
Mzobe, Nokwazi Zamokuhle
Naicker, Kubeshnie
Naicker, Louanne
Naicker, Rajandren
- ✦ Naicker, Santelle (Statistics)
★ Naidoo, Denvin (Statistics)
Naidoo, Kamini
✦ Naidoo, Lushan (Statistics)
Naidoo, Mahendra
Naidoo, Nelson
Naidoo, Niscaya
Naidoo, Prealan
Naidoo, Preloshni
Naidoo, Prisha
- ✦ Naidoo, Sershen (Cell Biology)
Naidoo, Sudhashan (Computer Science)
Naidoo, Varish
Naidu, Maronisha
Naidu, Shamini
Ndaba, Cebile Candy Pamela
Ndlovu, Nokuthula
Ndlovu, Thenjiwe Claudia
Ntaka, Gugu Princess
Ntuli, Hlengiwe Vuyiswa
Padachi, Gerard Ewald
Padayachee, Melani
Padayachee, Poovantherm
Padayachee, Rivashnee
Pan, Shih-Pin
- ★ Paraskevopoulos, Aresti Lambros (Computer Science, Applied Mathematics)
- Patchappa, Dayanandhan Marlin
Patel, Ebrahim
Pather, Womayaal
Patton, Gail Liliias
- ★ Patton, Sean Nolan (Computer Science)
Peters, Leslie Craig
Pillay, Keshni
Pillay, Marlan
Pillay, Nalini
Pillay, Poovenderan
Pillay, Prinolan
Pillay, Sudhir
Pinhal, Pedro Filipe
Priestley, Lauren Lee (Applied Mathematics, Economics)
Pursad, Vivek Ranjith
Raja, Yusuf Cassim
Rambally, Nishana
Ramdew, Dewon
Ramdhani, Reshika
Ramkissoon, Anneita
Ramkissoon, Yuri
Ramluckan, Raksha
Randeree, Ismail Hoosen (Computer Science)
Ratner, Judy Anne
Ravjee, Bhavesh
Reddy, Mageshnie
Reddy, Mogandari
- ★ Reddy, Prashant (Chemistry, Applied Chemistry)
★ Reddy, Privani (Statistics)
Reddy, Viven
Richardson, Andrew Grant
- ✦ Ridgway, Monique (Geology, Applied Geology)
✦ Robb, Rachel Suzanne (Cell Biology, Chemistry)
Rostance, John Hamman
Sahadev, Rivash Sharma
Samath, Zuraidha
Sartori-Angus, Peter Alan (Cell Biology, Computer Science)
Scrooby, Mark
- ✦ Seedat, Ahmed (Statistics)
★ Seedat, Fathima (Statistics)
Sewpersad, Sanvir
✦ Singh, Anisha (Statistics)
Singh, Anjita

✦ indicates degree awarded *cum laude*

★ indicates degree awarded *summa cum laude*

Subject distinctions in brackets

Singh, Anupa	Thobye, Refentse Wilheminah
Singh, Natasha	Vadachalam, Vaughn
Singh, Nishani	van Heerden, Kirsten Helen (Cell Biology)
Smith, Sharon Barbara	Vandiar, Vishalin
Sodalay, Anastasia	★ Vawda, Ahmed (Computer Science)
Somera, Ved Kavi	Verdon, Barry
Sookdeo, Ajith	Volker, Guy Victor
Stevenson, David John	✦ von Fintel, Gundula Thandi (Cell Biology, Environmental Biology)
Subbramoney, Pravendra	Ward, Jonathan James (Computer Science)
★ Subramoney, Neil Kisten (Statistics, Actuarial Science)	✦ Will, Chantal Louise (Geography, Environmental Management)
Taylor, Bradley Charles (Computer Science)	

✦ indicates degree awarded *cum laude*
 ★ indicates degree awarded *summa cum laude*
 Subject distinctions in brackets

A professional video recording of this entire ceremony will
be available from the University's Audio Visual Centre,
Level 5 Shepstone Building.
Telephone (031) 260 2637

For this ceremony the official photographer is
Bala Govender & Sons.
Telephone (031) 332 6601/337 6003.



DR ROBERT ADAM

**DIRECTOR GENERAL: DEPARTMENT OF ARTS,
CULTURE, SCIENCE & TECHNOLOGY**

Robert Martin Adam is Director-General of the Department of Arts, Culture, Science & Technology in Pretoria. He is qualified in both Chemistry and Physics, and was closely involved in the struggle to transform education in our country.

Born in Springs in 1955, he matriculating at Diocesan College in 1972 and registered for Chemistry at the University of Cape Town. In 1978 he obtained the degree BSc(Hons) with Distinction, and, as the top Honours student was awarded the Gordon Percy Memorial Prize. Thereupon he left for the UK and was appointed to a research contract in carbon technology at Surrey University.

Returning two years later, he joined the South African Committee for Higher Education (*Sached*), an organization once described as 'a candle in the night'. This organization had been established in response to the cynically named 'Extension of University Education Act' (1957), which, in reality, closed the established universities including Natal, to black students. Using a loophole in the law, *Sached* sought for alternatives to apartheid education. Working with this organisation, Dr Adam headed the team which developed distance learning material for the subjects of Physical Science and Mathematics.

In September 1981, whilst with *Sached*, Dr Adam was arrested by the apartheid security police. He was placed in solitary confinement for 9 months before being sentenced to a 10-year prison-term - at the youthful of 26.

Determination and perseverance enabled Dr Adam, while imprisoned, to embark on his qualifications in Chemistry. Registered with the University of South Africa, he completed his Honours and MSc degrees in Theoretical Physics by correspondence, both with Distinction.

Following the unbanning of all liberation movements and the releasing of political prisoners by former State President, Mr FW de Klerk in February of 1990, Dr Adam, now 35, became employed as a Research Associate at UNISA in Pretoria. He took up the National Scholarship, awarded him as the top Masters student at that University, and completed his doctoral degree in Theoretical Physics in 1991. On getting married to Miss Elizabeth Gavin, the couple departed for Amsterdam where Dr Adam took up a post-doctoral fellowship at the *Vrije Universiteit*.

On his return to South Africa in 1993, Dr Adam joined the Department of Physics at the University of Natal on its Pietermaritzburg campus. But, there was a more important calling and in 1995 already, he accepted the position as Chief Director: Science & Technology in the newly established national Department of Arts, Culture, Science & Technology, in Pretoria. Soon he was promoted to Deputy Director-General, and 3 years later, in Sept 1999, aged only 44, to Director-General, managing a staff complement of approximately 500, and an annual budget in excess of R1bn.

Among its many achievements, the Department, with Dr Adam as Director-General, has created new institutions like the Innovation Fund, or the National Research Fund (1999); and signed Management of Science and Technology agreements with 20 countries. It even accepted an invitation from the Chilean government to review its policies in science and technology, a task which resulted in a co-authored book. Dr Adam has thus not fully exchanged his academic hat for that of an administrator. He still researches, and publishes his findings in international, peer-reviewed journals on Nuclear Physics, and the latest was released as recently as February of this year.

With this *curriculum vitae*, Dr Adam is well equipped to talk to us tonight on the attainment of excellence; the importance of free and independent thought; and, above all, on steadfastness and the belief in a vision.

A Brief History of the University of Natal

Natal University College - The forerunner of the University of Natal - opened its doors in Pietermaritzburg in 1910 with eight professors and 57 students, eight of whom were women. Lectures in Classics, English and Philosophy, Law, Modern Languages, Botany and Geology, Chemistry and Physics, Mathematics and Zoology were spread over various venues, including Maritzburg College, the Natal Museum building and at the City Hall.

It was not until August 1912 that Old Main Building - built on 40 acres of land donated by the Pietermaritzburg Corporation - was opened by the then Minister of Education, F.S. Malan and the core of the present-day Pietermaritzburg campus was established. The following year, Natal University College (NUC) ceased to be a state institution, becoming instead a state-aided body.

In 1923, NUC extended its tuition to Durban with university level courses in Commerce and Engineering at the Technical College, but it was not until 1928 that Durban agreed that NUC take over full responsibility for university classes in Durban, thereby establishing the characteristic dual nature of the University of Natal. A generous donation by T B Davis, whose son, Howard Davis had been killed during the battle of the Somme in World War I, facilitated the building of Howard College on the Berea which formed the core of a separate campus in Durban. Howard College was formally opened in 1931.

Largely through the efforts of Fabian Socialist Dr Mabel Palmer, separate classes for 19 "Non-European" teaching students at NUC were introduced in Durban in 1936. This number, reflecting an obvious need for training of this nature, grew to nearly 900 by 1960. However, like the University's Medical School, founded in 1951 for black students, classes still reflected the segregated nature of South Africa under apartheid. The government's Extension of University Act of 1959 limited new enrolments, other than those at Medical School, to whites and thwarted the University's aspirations to serve the educational needs of broader society. This act also restricted the autonomy achieved when NUC was granted full university status in 1949. It was not until 1983 when the University circumvented the government's racial admission "quotas" by an appeal to the High Court, that the University could fully resume its role of serving the educational needs of the broader community. Today, about 20 000 students, representing all sectors of South African society, are enrolled at the University of Natal.

In 1953, the administrative control for the University was shifted from Pietermaritzburg to Durban. In response to mounting travelling costs, the two centres were academically separated in 1973, with each centre having parallel faculties of Law, Humanities, Commerce, Science, and Social Science. Recent restructuring has meant the merging of some faculties across both campuses, with Faculties of Education, Engineering, and Law being shared by both campuses. Unique to Durban are the Faculties of Community and Development Disciplines, Management Studies, Science and Medicine. Unique to Pietermaritzburg is the Science and Agriculture Faculty. There are separate Faculties of Human Sciences on each campus.

The University of Natal is fortunate to boast among its past vice-chancellors and principals some exceptional leaders. Its first principal, John Bews (1930-38), was a world-renowned botanist while Dr E G Malherbe (1945-65) was known internationally as an educationalist. In 1993, the University of Natal was the first South African University to appoint a woman as its principal. Brenda Gourley is the present incumbent. Chancellors have also been distinguished figures, not least the present Chancellor, Judge Pius Langa, and the recently retired Archbishop Denis Hurley OMI. Students include Alan Paton, Steve Biko, Alec Erwin and J M Coetzee. From the Medical School, come illustrious alumni such as Dr Ben Ngubane, Dr Mamphela Ramphele, Dr Zweli Mkhize and Professor Ronnie Green-Thompson. Honorary graduates include Nelson Mandela, Roy Campbell, Abdullah Ebrahim, Fatima Meer and Selby Baqwa.

The University of Natal is committed to service through excellence in teaching and research and is opposed to discrimination on the grounds of race, colour, nationality, religion or gender. It is known as a centre for excellence in Africa, is one of South Africa's top research institutions, and has links with almost 260 international institutions. Alive to the demands of a rapidly changing global environment, the University has embarked on a thorough reform of curricula and university structures and is currently a leader in multi-disciplinary studies and is engaged in significant HIV/Aids research. In recognition of its role in society, the University of Natal is also committed to greater emphasis on community-based education and service learning.

National Anthem

Nkosi sikelel' iAfrika
Maluphakanyisw' uphondo lwayo
Yizwa imithandazo yethu
Nkosi sikelela
Thina lusapholwayo.

Morena boloka
Setjhaba saheso
Ofedise dintwa lematshwenyeho.

O se boloke, O se boloke
Setjhaba saheso
Setjhaba sa, South Afrika,
South Afrika.

Uit die blou van onse hemel
Uit die diepte van ons see
Oor ons ewige gebergtes
Waar die kranse antwoord gee
Sounds the call to come together
And united we shall stand
Let us live and strive for freedom
In South Africa our land.

Gaudeamus Igitur

Gaudeamus igitur, juvenes dum sumus;
Gaudeamus igitur, juvenes dum sumus;
Post jucundam juventutem,
post molestam senectutem,
Nos habebit humus, nos habebit humus.

Ubi sunt qui ante nos in mundo fuere?
Ubi sunt qui ante nos in mundo fuere?
Vadite ad superos, transite ad inferos,
Ubi jam fuere, ubi jam fuere.

Vita nostra brevis est, brevi finiatur;
Vita nostra brevis est, brevi finiatur;
Venit mors velociter, rapit nos atrociter,
Nemini parcetur, nemini parcetur.

Vivat Academia, vivant Professores,
Vivat Academia, vivant Professores,
Vivat membrum quodlibet,
vivant membra quaelibet,
Semper sint in flore, semper sint in flore.

