

UNIVERSITY OF NATAL

GRADUATION
CEREMONY

1980

SATURDAY 26th APRIL
10.30 a.m.

DURBAN

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Biiste o Baima pay o IHERDIGONS Salt
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PROGRAMME

The Chancellor constitutes the congregation

PRAYER

Rev. P.L. Spencer, M.A. (Cantab.)

THE UNIVERSITY OF ZULULAND CHOIR

Conductor: Khabi Mngoma

U.P.L.M. (SA), U.T.L.M. (SA), L.R.S.M. (Teaching)

L.R.S.M. (Performance), A.T.C.L. (Teaching)

Catlin @) ot Wie e e coomosoo sosssssssossssssonasassssomns Cantata 208: J.S. BACH

WELCOME TO GUESTS

The Vice-Chancellor

PRESENTATION OF THE GRADUANDS

The Deans of Faculties

THE UNIVERSITY OF ZULULAND CHOIR

SingguntolGods . 5 i from Judas Maccabaeus: G.F. HANDEL

Thula Sithandwaarranged by K. MNGOMA

DOL cvvoviiviiiineiiiiiiin P A SRR I8 RN, . S S S M.M. MOERANE

HONORARY DEGREE

The Orator presents the Honorary Graduand

PHILLIP VALENTINE TOBIAS

for the degree of

Doctor of Science

ADDRESS

PROFESSOR P.V. TOBIAS

B.Sc. Hons., M.B.Ch.B., Ph.D., D.Sc. (Witwatersrand)

The Chancellor dissolves the congregation

Organist: Errol Slatter

L.T.C.L. (London), L.R.S.M. (London), U.T.L.M. (SA)

The congregation is requested to stand while the
academic procession enters and leaves the hall.

The taking of photographs during the ceremony is not permitted.

OFFICERS

Chancellor: B.A. Armitage

L.D.S., R.C.S.(Edin.), L.R.C.P.&S.(Edin.),
L.R.F.P.S.(Glas.), F.R.C.S.(Edin.), M.D.(honoris causa)(Natal)

Vice-Chancellor and Principal: N.D. Clarence
M.Sc.(SA), M.A.(Cantab.), Ph.D.(Natal), F.Inst.P.

Chairman of Council: L.S. Robinson
LL.D. (honoris causa) (Natal)

Vice-Principal: P. de V. Booysen
M.Sc. Agric.(Natal), Ph.D.(Calif.)

President of Convocation: M.J. Dubois
B.A.Hons., LL.B.(Natal)

Represented by S.B. Sharratt
Pr. Eng., B.Sc. Eng. (Natal), M.S.A.L.C.E.

Orator: J.V.O. Reid
M.A., BM., B.Ch.(Oxon.), F.R.C.P.(Lond.)

Registrar: A.K.B. Skinner

DEANS OF FACULTIES

Engineering: L. Roberts
Pr. Eng., M.Sc. Eng. (Natal), Ph.D. (Lond.), D.I.C., M.S.A.I. Mech.E.

Medicine: T.L. Sarkin
M.B., Ch.B., M.Ch., M.D.(Cape Town), F.R.C.S.(Eng.), F.R.C.S.(Edin.)

Science: D.E.A. Williams-Wynn
M.Sc., Ph.D.(Rhodes), F.R.I.C.

GRADUANDS
BACHELOR OF SCIENCE

Banks, Karen (Mathematics) Hillary, Stephen Winton
Baston, Robert James (Applied Mathematics, HÃ©ck, Gertrud
Mathematics, Mathematical Statistics) Howe, Patricia Lorraine
Bennetts, Alastair Leslie Jolly, Malcolm Kenneth
Biggs, Meribah Mary Erica Jooste, Roaland
Bode, Cherie Charmaine Judd, Nicholas David
Bouic, Patrick Jacques DesirÃ© La Hausse de Lalouviere, Philippe Edouard Louis Marie
Bradley, Mark Hubert Lanham, Judy Elizabeth
Brady, Mary Elizabeth (Mathematical Statistics) Lennon, Stephen John
Brough, Peter John Liebetrau, Stephen Christopher
Bunge, Sonia Dorothea Machanick, Philip
Burdon, Malcolm Reginald Rooke MacLachlan, Lesley Karen (Chemistry)
Busch, Allen David Mason, Robert Peter
Cairns, Douglas John Mathieson, Jean Margaret
Callanan, Beverley (Biological Sciences) Mercer, Shirley Rosemary
Canning, David John Moon, Howard Desmond
Charlton, Bryan Keith (Chemistry) Musgrove, Simon Frederick
Charlton, Douglas John Nicolaidis, Nicholas
Claassen, Shirley Jayne Raath, Michael John
Craig, Robert Peter, B.Com. Renald, Trevlyn Annette
Cruger, Joseph Eric Roberts, Jacques Roland de Reuck
Dale, Mark Andrew George Sandwith, Trevor Stuart
de Beer, Tania Aurenus Scogings, Christopher John
de Greef, Roeland Segatto, Paolo Italo
Dingley, Craig Peter Setterberg, Mark John (Biological Sciences)
Duckels, Brenda Evelyn (Biological Sciences) Spencer, Jennifer Ann
du Preez, Michael Ronald Stegeman, Johanna
Eglington, Bruce Melville (Geology) Steinke, Keir John
Elves, Debra Leigh Tredoux, Jacques Gideon
Finlayson, John Edward van Breda, Andre Gerard
Gundry, Jane Margaret van Staaden, Moira Jean (Biological Sciences)
Hagemann, Sandra June Verdon, Carol Dianne
Hallows, Margaret Viviers, Sharon Patricia
Hansen, Hedley Jes Wagner, Luclaire Anne
Harbour, Bruce Colin (Mathematical Statistics) Williams-Wynn, Bridget Hazel
Harding, David Ronald Woolley, Grant Cumberland
Harte, Mary Janeth Worley, Dennis Trevor (Mathematics)
Herbst, Delia Elizabeth (Mathematics, Zarge, Russell Wayne

Mathematical Statistics)

BACHELOR OF SCIENCE IN ENGINEERING

Discipline

INDamiElowardifvanÃ© & SR i e EORREe e PRGN s S S R N Civil
AN derson EDereke Willllamo o civn oo sie cnn e OIS, & SN RIS taa ot ok Chemical
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ASkEWN @hristOPheTHIENTY vt 1.0 S 8. B Eak o 1 RSRTINE I e, SHEREE. 5 e LS iy Civil
BakerWAnthony KennethÃ© (o0 ion o o oL SRR SRR S ORI S S e Y Civil
Bartlett R DavidBWalliam .. .o e s o s RN, FSRARSIL WIS IO P T Electrical
Beyleveld MarkiBriant S s S, BEEeaiel 1 (S TR R o Chemical
BijkepBKanelbis B Ã© 003 0 8.0 fandyn.) Ã© Lo Tt e Ã© MG AR ol St BRI ly e Civil
BrazietÃ©BDouglasiionclÃ© e o o oo o TN L SRR e N Electrical
BurkegStephen, o oo o0 Sl e SRR SRR, NI e R S Civil
BushRReter Richard â\204¢ S0 - oma il W NN TN | LOBEE s nÃ© res] cpdaniohl
e Civil
ClarkoMlan, T e i e B (e AR SUMBESR BT o BONnlE el Electrical
GlarkNioelBNGTman . o0 oo chod o T AR SR RN o o ool Chemical
ECoghlan@harlestPeter e .- o oo S SR e Electrical
COTKEFRIODEGL TNOMAS . e oir oo o s e o R RREEA, ELRUREEEER B PRl s Syt 8- Electrical
CorreiaIPDremondide OHVEITA .. ovviisioiios iy B o e e Civil
IDICKSON g ONNEIANES &t i oo icesessssyoies ey b B CRAREGAL VIR, - Y er @i ity o g Civil
duBPreeZq D an el dOhan 5 o s e IR B e T Y Chemical
Bckard Rranke MIChacl . oin ivn sbivn v o e e B SO AU Pt bt Mechanical

* Degree awarded with distinction

Discipline

PR Es, NEFTEID MERIT o 0 006 00000 000000866000006566506550606000600000000066600006300000000
00 Electrical
e, WALEER JEEOBUES oo oococo0000000000000000500060000000000000003000000500090000000 Mechan
ical
Eriedrichs, Kelvin Brianorgqser 8 audretÂ® Spa@it . o oin oo o o 2 SRS SRR iR Civil
Eurnessy JohnWilliamy, .o v i s it Dok o Gl ot a3 8- R S T SN R Electrical
Gevers; Ronald i Eraugotl: 5. a2 Erray Pt i rrt - -t b b e e TSR SER Mechanical
Gobasirucmantlihandab A (U e S S RN Civil
Goulding Vi cha e B ll a I R R R RS s Chemical
Graham: Michael Duncan: birat? gt netiert: SopB st an e b o hin bl gl SR R Civil
Greening iV ichacltose p i R N Mechanical
Erreanalll, lReyeinGl CEOHES o oo ooo000a5006000660060050050605000000000060006065090030300
Mechanical
GunthorpiiTaneWilliam e i o El e e e s e e e e Civil
Haines; Nicholas Charlesioasnell vymtaans spasdeit oot e i e e e Chemical
Hansen;iNeville Haralds o e e i i e O Electrical
Hemansi Michael#lohndShe pstone s i e e Lt o o T P SR Chemical
I eymans S FounensRlacoD lS e R R TR P R R PR R Electrical
Hills Alvin LEawrences - g cicnth s oid i il s s e v i el P R RS Chemical
Hockey, Roobert Charles b e e e P r o At S SRR RS Electrical
Houdet; Joseph Jean-Philipper s et e e e et e o o Ry e Electrical
Jackson, Thomas Peter . . 8 ettt 2 At e T C LAl - oo oitie oot s o o honatt o S o RS L NPT
Civil
Jansetvan Renshurg;ohannes! Betnu sl ot s e e oo Civil
Jewaskiewitz, Stanislaus MarthinUsS s r e o S il oo otites s it o o o) ot SR S8y S Civil
Keeling; Athol Earnest - ot s e e s S T LAl s oot oo ot oeie i o R SRR Mechanical
Kellys Peter Costellog ot vt Â£ cbe 8 oo Â¥ adi Syl o e oL Lnl, s T S S Civil
King S Kenneth ohni s s o e W e et o S S Civil
xKnee, Derekilieslicr o it e s e T e v Electrical
Koch PaulWeTner o e b p e BN st ks e N Mechanical
Kolodziej g ATn oldoRUAGIE siays s b B bl e b e i b e Civil
Tiowings;/Anthony. John= < iv o a i SR Rl s o8 f e Bl S8 - e e Civil
FuckinsJeremyfTliomas: o5 ot o oe R ie g R R kO e SR Mechanical
Mackrory:aRichard 7 oit i e s o s e e e Chemical
MacMillan Ehristophers D ayide s e P et SR Chemical
Marnewick, Roy Hentyo e S e e o8 cR e @ b T i st s e P] TR Civil
Maurice sDernickiluleWellynY Fee . ek bl mitimctd e lo < s e b e e e e R Mechanical
McCloy,WonathanÂ¥Rownsleyim ol e sl sl b e o e g RS Chemical
Mecllroy, NelliGeorge o ot i e B L L e e LT Civil
MeihackRWolfganoBEi bz b e r I e 0 (O T S D P S Chemical
Meiring gPierres ANdTe 18 s SEs o hirer Rl e LTI o e S B R R e R Electrical
Meyer; Dietmar Konrad & b s Yttt s. b e Bt ot it s i s o sisshe i ki orp SRR AR PR Civil
Meyer Lol Edganfersts i oo enÂ¥ S \$ SRL | L L i sk S R S Electrical
Michalakis;ZGeorge s .| . e gt et i e e S e e A R Mechanical
MinneÂ©; BetruserERederick. e g e R R S Mechanical
MundaygRichardVHoward @i o i e s e g ST Civil
INelESeanilonis o o L T i O Civil
NicolsonSHaco ames Herbert s e e e e s e s e o e Mechanical
Nielsen #Arnold fThorwald STESFE R FIRRALS S WS =2 ALik F 5. 0 RGN . . o T Civil
Pattersony Kevinigordon o, i Sl T SR e s e Electrical
PayerdgColintDudleyars s rnini it L R R e e i s L e SRS R Civil
BeinkepAndrewsMichaels =0 v Bh o Bt i e e e SR Mechanical
SRR oImans A exander dames (5 o o ol t Pttt e e R A Electrical
PucciÂ®branco, Giovanniger - o ity Sai e s e L e A R Electrical
RodeltKeithtRaymond.s Â£ 4% S s ART S, fo i s ol 20 R REEE N AN Civil
Rudd R Colint Dayidee T 8s s e E e v e s e s e RN Civil
Santanaglardim; JosÂ©/Henrique: & o n ot Bl s Hee DL nnn kL s e e R NP Civil
SaulÂ¥EdwingDavidipife 2 aap o f ie e @ SR e e MR SRR e i e SR N Electrical
SchmidtREsile Wohn#x ve PR se war F e VT 0 Doy 5 e SR i Pl S Agricultural
SeedFAlanEWilliam e s e e s e e i A At e NS R Civil
Sephton, RusselsWade Â«n in vt il ar B i Ll i s s e e 0 e SR AR Civil
Simpson,s Malcolm Peter John: ok s e hih o o bt o RO Chemical
SmalleysChristopher Gordon: . .5 5 e e i b b PP P Chemical
SMithEMONrSIBEANESE L (X Shi s ca s R ol A st e s o AL Mechanical
SteinPavidiTieVOr tr s o vernn s AL L NEN L (o o s oo s it AR SN Chemical
SteynbergrAndresPeterst oot e o bh sh s O L s an s R SRR Chemical
Bandy Pete AT S reih o T it s SUSYIIES G S Electrical

L O Bl T K] o Lo) N L e R iohhooasoooc Civil
issiman K cmsley NV ace o o b R G s PR TR Mechanical
Â\$ iliricketRichard: Charles s i n el i Bt e i nh b n b i o AL R P Chemical

* Degree awarded with distinction ~ Â\$ Degree awarded in the first class.

W@y, WMETIETey o ancoseoogoc6005000000000s
van Amstel, Nicholas Hendrik
Walmsley, Anthony George
Watson, Paul Robert
Weakley, Edward Kinton
Wedderburn, Bruce James
Weideman, Wallace
Wicks, Richard Brian
Wilson, Stuart James
Young, John Dennis

Discipline

Â\$ Degree awarded in the first class.

BACHELOR OF SCIENCE IN LAND SURVEYING

Dinkele, John Malcolm
du Preez, Andre

Kok, Leon Bernard
Meade, Kenneth Tracey

Melhuish, Kevin John
Orr, Derek Ryan

van Heeswijk, Peter
Visser, Carel

BACHELOR OF MEDICINE AND BACHELOR OF SURGERY

Abdool Carrim, Abu Talib Osman
Algu, Kemchand

Badat, Nafeesa Suleman

Baig, Mirza Mohammed Elias
Bobat, Raziya Ahmed

Cassim, Bilkish

Charles, Keith Warren

Cooppan, Rajendran Mohamberry
Dhai, Amaboo

Ebrahim, Mahomed Allaouddin Aboobaker
Field, Keith Desmond

Gathiram, Vinodh

Goldstone, Cheryl Anne

Gonteb, Gerson

Gounden, Deenadayalan

Govender, Deenadayalan Ganese
Govender, Poobalan

Govender, Sooranthiran Moonsamy
Gumede, Lesley Bonginkosi, B.Sc. (UZ)
Haffajee, Mohamed Rashid
Harnekar, Adam

Hene, Peter Lulama

Hlongwane, Nombango Lizzy, B.Sc. (Fort Hare)

Johns, Desmond Keith

Jolobe, Buthelwa Avanda Shona
Kaka, Suleiman

Kalidas, Hansa Rugnath

Kanji, Rajandra

Kanyama, Paulus

Khosa, Thulani Daniel

King, Howard Victor

Kyd, Ronald Frances

Lalloo, Umesh Gangaram
Leopeng, Mashole Simon
Mabharaj, Cholaram

Mabharaj, Tejprakash Jugpershad
Majozi, Bongiwe Primrose Beryl Happy
Makan, Patricia Pratibha

Makhanya, Colin Lionel Thula

Manoto, Leatsoe Henry David

Manzana, Edith Winnie Vuyelwa

Magagi, Luman, B.Sc. Hons. (Fort Hare)
Maraj, Reena

Mathivha, Gedzula Ramufhi Ravhengani
Matlaopane, Modise Faith

Matshoba, Wonga Mlungisi

Mbulawa, Gilberta Bukelwa

Mjekevu, [srael Thobekile

Miji, Diliza

Mnyandu, Mkhululwa Mosi Wesley
Mokgokong, Mochichi Samuel Martin, B.Sc. (UNIN)
Mokwena, Olefile Robert

Monale, Moalosi Nehemiah

Moodley, Mathaven

Moodley, Tony Yoginathan

Moosa, Essop Allibhai

Motala, Zarina Ebrahim

Motsepe, Lillette Viola Tshepo

Mudly, Devraj Shunmugam, B.Sc. (U.D.W.)
Muhlari, Matshakule Joseph

Naicker, Karunagaran

Naicker, Tholsi Jocelyn, B.Sc. (U.D.W.)
Naidoo, Chandraprakash

Naidoo, Jayabalan Adinarayanan

Naidoo, Santhosh Appal

Naidoo, Thanabakium

Naidu, Jesse Sandro

Nana, Devanand

Naranbhai, Rajendra Chhaganlal

Nathoo, Bharat Chotoo

Ndlovu, Alfred Mduduzi

Neerahoo, Rajeskumar Murilal, B.Sc. (U.D.W.)

Ngwanya, Reginald Mzudumile :

Pachai, Indira

Papier, Trevor John

Patel, Ebrahim Essa

Civil

Chemical

Electrical

Civil

Civil

O L L L L

Phathela, Leonard Robert
Pillay, Narainsamy Vijendharen
Pillay, Rajaentheran

Pillay, Sundragason

Pillay, Selvarajan Sathaseevan
Pitso, James [saac

Raja, Suleman Noor Mahomed
Rajoo, Rajendra Devan
Rajpaul, Ranjeeth

Ramji, Shashikant

Reddi, Anunathan

Sakoane, Walter Ramalitse
Shivute, Nestor

Siddi Ganie, Faizal Mahomed
Singh, Prakash

Skosana, Solly Kaizer
Subramoney, Shunmugam
Thusi, Bonginkosi Joseph
Tueumuna, Teopolina Terttu
Wadyvalla, Rabia

Warrasally, Mahomed Sadek Abdul Rahim
Zwane, Bafana Absalom

Reddy, Jennifer Ramamah

BACHELOR OF SCIENCE (HONOURS)

Discipline

Ammann; Christopher John, 'B:Sciaise 88 fasaregy (i L SR Computer Science
Blakey slzawrence: Cawood xBiSci s e masmaiet s N Es e G i Tl ol e Computer Science
Bosch Eric B S C e e e R e e RS Chemistry
CampbellBDuncaniEnslin, B S e S S R Economics
ChornsElirevorgAnthony, BiSCE o s e T i o e G0 G Chemistry
Clarke Caroli BaScr e e e e S R Chemistry
CliffFSallyaB-Scle = e L e e Biological Sciences
ColahaniBriangPenis s BiScy 0 vl s e T R RN Biological Sciences
Coulson SlangMartinÂgBiScydes renr s ol e e e R e S Biological Sciences
Drennan; Philippa Marie ÂçB:Sc. i3 Rl RS P TSRS0I, Biological Sciences
Duggan, CarolineiMary, BISC. ... s @ ney w5 arey sbuy pasen gy s N Biological Sciences
EletcherigKenneth8Marsden g B.Sc. v m it o el e R Chemistry
GellinglohnFATHURgBISE wn. - ns ar i e e s e T Geography
Greayes tRoderickiGearge B S c R L i it T L S SRR Physics
Hadlow: Michac) ohns B S c e e R DO Geology
Harriss; DavidgRichard Henny, BiSC e e e e e s e i s ety D T Geology
Hill G h eyl AN N D S e ot i A AT R SR Biological Sciences
Hil RSl Il e rrence s B S c e e R T il s AN Biological Sciences
Kruger: B nniseRIan B S Co e s oo e I Geography
leiSueur gD ayid g S o v b o e Biological Sciences
Fogan sHeatherGaye, B Sct B e R L il v S OSSP Biological Sciences
Irynch B rendany R atrick B S e e el . o s e N Computer Science
Nielsen B KirstenyGunhild: B, S i o RN Chemistry
RierrusiclohnaBsScsmas ooy o R R R i R Physics
RosingSteveniGerald B Sch(Witwatersrand) e i i i o PO Geology
ROy al R cne e B S e R i an i e S Biological Sciences
Schafli; Patrick Williams B Qe i o . e S Chemistry
Scotttrlohn Robe B S C. e i il g v ORI Geology
SharpsBriangleslie B Sc e R Biological Sciences
Simmonds pAlaniennox Ellicott) BiSc e o s O Geology

Lribe, s R oyiNeville s Bl Sc: = . . T o p e R Physics
Vogelsang AN drea sy BuUrkhard G re o B S N Chemistry
Young; i KarreneYvonne; BiS el S e e e s D T Psychology

Â\$ Degree awarded in the first class.
MASTER OF SCIENCE IN ENGINEERING

Discipline
Auld, Lynton William, B.Sc. Engaesasd Siawiil. eeagpd. . L2 0010 01 it Se il Electrical
Day, Peter. William, B.Sc. Eng. i, Lo b enndsgt . .. anaion i 0 DR SO Civil
Francis, David MontaguëtB:Scs Engleniton B iliine s . ..o 00 i S S Civil
Hope, Allen Seymour;iB:Sca(Honss) wirsfnes mernandt . o o -0 o0 AR LS 6 S SEEISSGESINN Agri
cultural
Lawrence, Alan Geoffrey, B.Sc."Engt . /5 Wi S g M Baoii 6 588 S ishls s Mechanical
Pearson, Ian Albert, B.Sc. Eng. ... sifch asds s crdenit. | . e B Aol S8 GsganNN Civil

Smith, Kevin James, B.Sc. Eng... .. il affiads Taell 00 e e R Chemical

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MASTER OF SCIENCE

Discipline

Beclofdowardpinthony 8B Sex(Hons) oo . Borseifiny L is St S - e avtre Psychology
BeyamglilltRatrical BiSc/(Hons JoSsERSERER N T T30 IR SRY ~â\200\224 & 7 aa Chemistry
Bromley#DouslasiViyianÂ\$BEScR(I onsh I (Witwatersrand) Braus s ss s Sl e Psychology
BrovkesiikathlcnenBridgctMBIS cH(Capeiiown) il SN S8 LS HREseth TR SRS S Chemistry
duglioicCFBictterABISc (Hons) SNERE e N TR AN T OINT AE SISRAn RhRa aiaega S0 Geology
EandmangGordonfEdward SBiSc iEng il MG Giia ol amrinpaif 0 TG Physics
HarmersR obinfEdward Â\$B Sc.Â«(HonsYPEs 1 1515 5 K L snttih sl il iie il ooy Geology
Joubert, Isabella, B.Sc.. (Hons.y savis L el seedt porvintele Leth sdgmee ' sluaslvnm 3 Bi
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Kuyper,flonathaniiconis,fB.Sc(Hons.)o, .. dlipie . ostegem see sl usiih sivnde o Geo
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MitchelliÂ\$SidneyiCharlesSBIScR(Eond) IC Chem: BRIILEC 1 0 0 00 = i e Chemistry
Murcayg\omagEllenigBES (L1611) R Biological Sciences
Scrusesiennifer RatriciaBISCR(Hons Sebingiii iy aideaiege & o o Chemistry
sifiditii, WMlieed] Oliver, Biie (IPlorsesnsesimiiieseate po TREEE & s 7 008 Geography
pangNiekerk 3bldridgelGrant i B:Sc: (Hons YA a i) %39 402 A0 S0 MRid - 0 e Physics
WiljcemghMichielgklendikSBIScH(@apelliown) S S SNSE U SEEEINS USRS Biological Sciences
*Degree awarded with distinction

DOCTOR OF PHILOSOPHY IN THE FACULTY OF ENGINEERING

Discipline

BrayshawsVichaclsDavidPBES R (HonSH)H(Bimmiimn g 2 i) S s S Chemical
Thesis: â\200\234The sharpening of the hydrocyclone efficiency curve by modifica-
tion of the flow field vorticity function using a numerical model.â\200\235
BrikssongAndrewsJohni MEScEng oo a8 SRS e e Electrical
Thesis: â\200\234The lightning ground flash â\200\224 An Engineering study.â\200\235
PimebeergayidilohniNoellBMiScEng o - 0 G Electrical
Thesis: *â\200\234Analysis and control of A.C. rotating machines in the presence of
series capacitor compensated transmission networks.â\200\235
McEallumÂ¥DoislassMalcolmEMAES R o o Civil
Thesis: â\200\234Optimization of the water resources of the Eastern Cape.â\200\235
MoysEMichaelfHughSMESciEnptis ciinio b o o i el e Chemical
Thesis: â\200\234A Study of Processes occurring in Flotation Froths.â\200\235
DOCTOR OF PHILOSOPHY IN THE FACULTY OF SCIENCE

Discipline

BharuthramiiRamashwarsMiScitr r s el v T e i f i e ot Physics
Thesis: â\200\234Theoretical studies of the crossfield current-driven ion acoustic
instability.â\200\235
@aigergKatherineEManyaMISc R Ll e o ot g e i e Biological Sciences

Thesis: â\200\230â\200\234Aggression and its hormonal control in a
freshwater crab, Potamon.â\200\235

DuthieÂ¥DesmondiDonglasBES H((Elon s T(UE@ AV AS) S Physics
Thesis: â\200\234Aurora and associated VLF phenomena.â\200\235

Hammond,Â¥MichaclfGraham B S cH(SIA) s S e Biological Sciences
Thesis: â\200\234HLA antigens and disease in South African Negroid and Indian Peoples.â\200
\235

Logan; Colin Trevor, BiSc: (Hons))iwe i, | 5 ines. Wik G0 S el o sttt Gl Geology
Thesis: â\200\234Aspects of Karoo volcanicity in the Komatipoort area, Lebombo.â\200\235

Discipline

M Talterl, IDuEe Ak, TMESE: o o oo oosocoo0000006000080500069600a00000a0006000000000 Chemist
ry
Thesis: â\200\234Extractives from the Meliaceae.â\200\235

Schumann, Eckart Hermann, B.Sc. (Hons.) (Natal), M.Sc. (SA), M.Sc. (Cambridge) Phy
sics
Thesis: â\200\234Agulhas current structure and subtidal fluctuations off Natal.â\200\235

Venter, Jan Sarel Marthinus, B.Sc. (Hons.) M.Sc. (PU vir CHO) Chemi
stry
Thesis: â\200\234The manufacture of paper and dissolving pulp from
South African sugarcane bagasse.â\200\235

DOCTOR OF MEDICINE

Discipline

Houlton, Michael Charles Curtis, M.B., B.S., MRCOG. Gynaecology and Obstetr
ics
Thesis: â\200\234The Management of the Foetus in Twin Pregnancy.â\200\235
Mokgokong, Ephraim Thibedi, B.Sc. (Rhodes) M.B., Ch.B. Gynaecology and Obstetr
ics
Thesis: â\200\234Clinical and Biochemical Features of Pregnant Diabetics.â\200\235

DOCTOR OF SCIENCE IN ENGINEERING

Discipline

Simons, Noel Edward, B.A., M.A. (Cambridge),
B:isc. Engr, MiSco Engli PhoDii(Natal)y ..o e e e e g S e e s Civil
Thesis: â\200\234Contributions to Geotechnical Engineering.â\200\235

CONFERMENT OF THE DEGREE OF
DOCTOR OF SCIENCE
HONORIS CAUSA UPON

PHILLIP VALENTINE TOBIAS

Phillip Tobias was born in 1925 and after completing his school education at the Durban High School, proceeded to the University of the Witwatersrand where he obtained the B.Sc., B.Sc. (Honours) in Anatomy, the M.B., Ch.B., the Ph.D. and the D.Sc. degrees over the period 1946 to 1967.

From 1951 to 1958 he held a lecturing post in Anatomy at his a/ma mater and in 1959 became Professor and Head of the Department of Anatomy at the University of the Witwatersrand. From 1961 to 1968 he was President of the Institute for the Study of Man in Africa. In 1964 he was Visiting Professor of Physical Anthropology at the University of Cambridge, while in 1977 he was appointed Honorary Professor of Palaeontology at the Bernard Price Institute for Palaeontological Research.

Professor Tobias has received numerous awards and honours, among them the Simon Biesheuvel medal, the S.A. medal, the Captain Scott Medal (Senior) and the Rivers Memorial Medal of the Royal Anthropological Institute of Great Britain and Northern Ireland.

With M. Arnold, Phillip Tobias is the author of Manâ\200\231s Limbs, Manâ\200\231s Anatomy and Manâ\200\231s Brain. He has also written other books and numerous publications.

In honouring Professor Tobias, the University recognises his international reputation as a scholar and anthropologist; his outstanding contributions to knowledge of the ancestry of man and African people; and his standing amongst anatomists throughout the world.

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UNIVERSITY PRAYER

Oremus:

Oremus pro hac Universitate:

Deus Omnipotens, cuius aeternam gloriam
caeli stellis fulgentibus semper enarrant, duc
nos, oramus, eisdem stellis ut omnes qui in hac
Universitate gubernant, doceant et discant vera
humilitate aeternam inveniant veritatem.

O Deus, Lux Mundi, Sapientia Aeterna, qui il-
luminat omnem hominem in mundum
venientem, da ut haec Universitas, veritatem et
lucem docens, thesauros scientiae plenos imper-
tiat, et quasi lucerna luceat in terra nostra ef-
ficiatque populo cor sapiens, mentem sanam et
voluntatem iustam.

Recordemur coram Deo Conditores et Benefac-
tores nostros:

Magnus es et laudabilis valde, Domine, Om-
nipotens Deus animarum et omnis carnis!
Gratias tibi et laudem agimus pro omnibus illis
Conditoribus, Benefactoribus et Praeceptoribus
qui ex hac vita excesserunt in Tuo servitio:
opere in terra consummato requiescant in pace.

Et da, Domine ut nos, exemplo eorum incitati,
bonum eorum opus fideliter continuemus.

Let us pray:

Let us pray for this University:

Almighty God, whose everlasting glory the
heavens declare with their shining stars, lead us,
we pray, by the same stars that all who govern,
teach, and learn in this University may, in true
humility, find eternal truth.

O God, Light of the World, Eternal Wisdom
that enlightens every man that comes into the
World, grant that this University, as it teaches
truth and light, may impart the full treasures of
knowledge, and be in our land a shining
luminary and inspire in the people a heart of
wisdom, a pure mind and a true sense of justice.

Let us remember before God our Founders and
Benefactors:

Great art Thou and very worthy to be praised,
O Lord, Thou who art the almighty God of
spirits and of all flesh! We render thanks unto
Thee and praise for all those Founders,
Benefactors and Teachers, who departed this
life in Thy service. Having fulfilled their work on
earth may they rest in peace.

And grant, O Lord, that we, encouraged by
their example, may faithfully continue their
good work.

UNIVERSITY ANTHEM

[illegible]

