

# CURRICULUM VITAE

Johan Potgieter

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## PERSONAL INFORMATION

Surname - Potgieter

First Name - Johan

Date of Birth - 3<sup>rd</sup> September 1949

Place – Kroonstad Freestate Province RSA

Sex - Male

Marital Status - Married with two children

Nationality - RSA

Passport - South African

Languages - Afrikaans, English (fully bilingual), Swazi & Zulu (speak only)

Military - Completed: Medical field ordinance 1968-1969 Rank - Corporal: Infantry 1980-1984 with the  
Commando's

Health - Good

Criminal Offenses – None

## PROFILE

An analytical, proactive and versatile professional with extensive expertise and qualifications in Engineering, Science and Management together with Appointments in Academic Institutions, Educational Consultancy, gained within practical and professional career environments including key skills in a senior teaching and training environment. Analytical, intellectual and logical, a forward planner and strategist who rapidly identify essentials and generates effective procedures, protocols and solutions. Demonstrates high levels of skill in lateral thinking, problem-solving and decision-making based on pragmatism and sound judgment. An accomplished and respected educator, capable of conveying complex concepts in an easily understood way. Commands credibility at all levels through breadth of knowledge and personal integrity.

## SUMMARY

An experienced highly qualified Educator, Education Consultant, Professional Engineer, Academic and Intellectual.  
Over twenty years of teaching, planning, writing and several related academic assessments as well as practical related consultancy.

## KEY SKILLS

Educational, Lecturing, teaching and consultancy:

## EDUCATIONAL BACKGROUND

Primary School Kroonheuwel Volksskool – Kroonstad 1952 to 1962

Secondary School Afrikaans High School – Kroonstad 1963 to 1964

Waterfall Boven High School 1965 to 1966

Lydenburg High School 1967

Higher Education Technikon RSA – Krugersdorp 1980-1981 (distance Education)

Technical Colleges Middelburg and Nelspruit 1982 to 1985 Engineering College of SA (ECOSA)

Johannesburg 1978 to 1986 Intec College Cape Town 1977 to 1985 (distance Education) Rapid

Results College Group (RRC) Durban 1987 to 1988 B Sc Mechanical Engineering 1994

Home Study College Cape Town, Associate Business Management degree distance education study in 1997  
B Sc Electrical Engineering, 1998  
Doctor of Philosophy - in Applied Science 2006  
Grand Doctor of Philosophy -) in Applied Science 2009  
B Sc Geology July 2010  
M Eng Mining and Petroleum Engineering, 2012  
St Clements University (Turks & Caicos Islands), received senior doctorate degree in 1999  
Trinity International University, received doctorate degree in 2001  
Adam Smith university of America, received doctorate 2002

#### DETAILS OF EDUCATIONAL QUALIFICATIONS OBTAINED

**CERTIFICATES:** Matric – Lydenburg High School  
National Technical Certificates parts III, IV, V & VI [technical colleges] (Ministry of Education)  
National Certificate for Technicians (Electrical Eng) [Technikon RSA] (Ministry of Education)  
Advanced Mathematics - Engineering College of South Africa (ECOSA)  
Advanced Properties and Strength of Materials – Engineering College of South Africa (ECOSA)  
Advanced Thermodynamics and Power Plant – Rapid Results College (RRC)  
Advanced Electrical Engineering (Intec College Cape Town)

**DIPLOMAS:** National Diploma for Technicians (Elec. Eng.) [Technikon RSA] (Ministry of Education)  
National Diploma (Electrical Eng.) [Technical College Nelspruit] (Ministry of Education)  
National Diploma (Mechanical Eng.) [Technical College Middelburg] (Ministry of Education)  
Advanced Industrial Instrumentation (Intec College Cape Town)  
Chemical Engineering (Intec College Cape Town)

**DEGREES:** Associate Degree Business Management (Ass BUM) Home Study College, Cape Town RSA.  
B Sc Mechanical Engineering, Robert Gordon University  
B Sc Electrical Engineering, Regis University  
B Sc Geology University of Southampton  
M Eng Mining and Petroleum Engineering, Universidad Empresarial de Costa Rica Doctor of Letters  
(D.Litt.) St Clements University, Turks & Coaicos - Doctoral Study – Specializing in Adult Professional  
Development Education  
Doctor of Philosophy in Aviation Science and Technology Studies from International Trinity  
University Specializing in Aviation Science and Aeronautical Engineering, Technology and  
Management Studies Doctor of Philosophy in Business Administration from Southern Eastern  
University for completed studies in Business Management and Administration  
Doctor of Philosophy in Engineering (based on studies and research in engineering development and  
engineering management) from Ecole Superieure Universitaire Adam Smith (France) Doctor of Philosophy -  
European Academy of Information (WIDU) in Applied Science Grand Doctor of Philosophy - European  
Academy of Information (WIDU) in Applied Science

**ACADEMIC AWARDS:** Fellow of the London College of Applied Science, since 2004

**HONORARY DEGREES:** Doctor of Science – Adam Smith University – 2001  
Doctor of Engineering – Industrial Engineering, World University 1997  
Doctor of the University – Education, Trinity International University 2008

#### CITATIONS

Commissioned a Kentucky Colonel State of Kentucky USA December 2007  
2012: Knighted by the supreme Council of the Knights of Rizal as Knight Order of Rizal  
(KOR) under decree by law of the Philippines (Chartered under Republic Act 646) in  
recognition for national welfare and loyalty at large worldwide.  
2012: Knighted by Grand Prince & Prince Marshal & Grand Master of Royal Orders  
The Royal Hashemite Sultanate of Sulu & Sabah



**HRH Prince Omar Kiram Dux de Legazpi Duque de Vivar-Maniquiz Grand Prince and Prince Marshal & Grand Master of Royal Orders**

**The Royal Hashemite Sultanate of Sulu & Sabah**

**Royal communiqué: Royal Grant of Knighthood as Datuk/ Knight of The Royal Order of Sulu & Sabah to The Honorable Datuk (Sir) Prof Dr Johan Potgieter (D.Litt, Ph.D, D.Sc, PrDTechMS, Reg DiagEng),KRSS.**

**24 February 2012**



### **CURRENT ACADEMIC APPOINTMENTS**

**Chairman Examination Committee of the DTMSI and Course Director for the Society's education operations  
Course Director for St Clements University – DTMSI academic co-operation**

**Director – Faculty of Technology, Management and Applied Sciences Registered in the UK  
President – Faculty of Professional Business and Technical Management Appointed  
Professor of Electrical Engineering – St Clements University Appointed Member of the  
Academic Council – St Clements University Member of the Doctor of Philosophy  
Endorsement Committee – St Clement University Appointed Professor with Universidad  
Empresarial de Costa Rica in the Faculty of Education and Humanities .**

### **PROFESSIONAL REGISTRATION HISTORY**

#### **PRESENT**

**DTMS- Engineering Designer, Diagnostic Engineer, Professional Project Manager – still  
effective Society of Professional Engineers UK – Registered Professional Engineer (P Eng  
UK) [Electrical and Mechanical]**

#### **PAST REGISTRATIONS:**

**Engineering Council London 1985 – No Longer effective  
Board of Control for Engineering Technicians (BOCET) 1991 (upgraded to higher registration with ECSA)  
Engineering Council South Africa (ECSA) 1996 - till recently, no longer effective due to early retirement**

#### **PROFESSIONAL MEMBERSHIP (active and past):**

|                                  |  |
|----------------------------------|--|
| <b>Fellow of</b>                 | <b>- Examination Technique Academy (UK) 1996<br/>- London College of Applied Science 2004</b>  |
| <b>Life Companion</b>            | <b>- Faculty of Professional Business and Technical Management UK</b>  |
| <b>Founder Fellow of</b>         | <b>- Institute of Diagnostic Engineers Leicester UK 1983 – no longer effective</b>   |
| <b>Honorary Fellow</b>           | <b>- Australian Asian Institute of Civil Leadership (AAICL) 2004<br/>- Association of Business Management Academics, ABMA UK – Hong Kong</b>               |
| <b>Founder Member of<br/>the</b> | <b>- Design, Technology and Management Society International (DTMSI) 1995, and<br/>-Association of Community Tutors (ACT), Cape Town South Africa 1996</b> |

**Professional Member of-** Design, Technology and Management Society International (DTMSI) 1995  
**Senior Member of** - SA Institute of Measurement and Control (SAIMC) 1987 till recently – no longer effective due to early retirement, and  
- SA Institute of Electrical Technician Engineers (SAIETE) 1985 till recently – no longer effective due to early retirement, and  
**Member of Associate** -Chamber of Engineering Technology (CET) 1994 till recently – no longer effective due to early retirement, and  
- Institute of Engineers and Technicians (IET) [UK] 1987 till its closure in 1999  
**Member of Affiliate** - American College of Forensic Examiners International (ACFEI) Springfield USA  
**Since April 2003, Forensic Engineering Division, no longer effective.**  
- Institute of Electronic and Electrical Incorporated Engineers (IEEIE)[UK] 1985  
**Member of** Till its amalgamation with IET in 2000, and  
- Institute of Marketing Management (IMM) 1992 till 1998  
- SA Chemical Institute (IChemSA) 1992 till 1999

## PROFESSIONAL APPOINTMENTS AND INVOLVEMENT

### Past or present activities and commitments

#### SINCE 1981 - 2001

Actively involved in the affairs of the professional institutes to promote the theory, practice and professional status of engineering, technology and the management professions for engineers, technologists and engineering technicians. Assistant secretary of the Institute of Engineers and Technicians (IET) UK, SA branch till 2000.

#### SINCE 1995 - current

**Founder Member of the Design, Technology and Management Society (DTMS) and elected as Honorary Life Member. Currently serving as President (chief Executive) Council Member, Examination Committee Member, and Chief Academic Advisor.**

The Society recently became the Design, Technology and Management Society International by the South African Registrar of Companies under its new name.

For more information, visit the DTMS at: <http://www.dtmsi.org>

Founder of the Faculty of Technology, Management and Applied Sciences (FTMAS) Registered in the UK since 2016. For more information visit [www.ftmas.org](http://www.ftmas.org)

#### SINCE 1997 to 2000

Appointed lecturer and academic consultant for the Home Study College, Cape Town for the technical division via the DTMS. Lecturing in a total of 15 subjects ranging from management, environmental science, agricultural science, electrical engineering, electronic engineering and mechanical engineering. Mathematics, physics, mechanics, material science, engineering drafting, and engineering related courses in electrical mechanical engineering.

#### SINCE 1998 - current:

Appointed to the Academic Council of St Clements University. Developed the following degree programs in –

**B Tech Electrical Engineering -B Tech Electronics Engineering  
B Tech Civil Engineering - B Tech Architecture  
BSc Hons Architecture -B Tech Mechanical Engineering  
B Tech Construction Technology - B Tech Marketing Management  
B Tech Agricultural Science - B Tech Agricultural Management  
Bachelor of Mining Engineering Programs  
Bachelor of Petroleum Engineering Programs  
BSc Hons Agricultural Engineering - BSc Hons Electrical Engineering  
BSc Electro-mechanical Engineering - MSc Electrical-Electronic Engineering  
MSc and DSc Technology Degree Programs  
MSc Forensic Science**

Currently appointed Professor of Electrical Engineering (since 1999 and current) and member of the - Doctor of Philosophy Endorsement Committee - since March 2000. Course director and lecturer for all the Bachelor's degree programs listed above, MSc and DSc degrees in technology. Also appointed course director and lecturer for the Bachelor of Technology in Marketing Management. Lecturing in a total of 38 courses for the bachelor's degree, masters and doctorate programs in the study areas of physics, mathematics, electrical-electronic related courses, mechanics, material sciences, mining, physics, engineering drafting, machine

design, power plant and thermodynamics, etc, management courses, technical related courses and agricultural and environmental sciences and related courses.

Serve on the Academic Council also for various St Clements University establishments in Switzerland, Liberia, Somalia and Cambodia. Appointed Assistant President St Clements University College Liberia. For more information refer to the Web site on the Internet at the address: <http://www.stclements.edu>

**SINCE 2000 - current:**

**Appointed Administrator and President of the Design, Technology and Management Society International**  
A Multi-disciplined Professional Learned Institution. Served as Council Member and member of the Examination Committee. Serving as Academic consultant. For more information, visit <http://www.dtmsi.org>  
**Developed DTMS Professional Develop Diploma Courses in Undergraduate Advanced Diplomas in –**  
**Agricultural Science, Agricultural Management - Agricultural Engineering**  
**Architecture, Construction Technology, Civil Engineering**  
**Electrical Engineering, Mechanical Engineering, Electro-Mechanical Engineering**  
**Aviation Science, Aviation Management, Aeronautical Engineering**  
**Concrete Technology, Diagnostic Engineering**  
**Hydrological Science Technology, Metallurgical Technology**  
**Structural Engineering Technology, Soil-Science Technology**  
**Postgraduate Diplomas in –**  
**Technology – Engineering Fields of Endeavor - Aviation Technology**  
**Aeronautical Technology - Quality Assurance**  
Lecturing in many subjects related to electrical, mechanical, hydrological sciences and managerial fields of endeavor at the undergraduate as well as graduate level as required.

**Activities since 2003 till – recently**

Accepted appointment as the South African representative of the Institute of International Affairs, 9 Place de la Peupleraie, F-94470 Boissy-St-Léger, France. Kindly contact Dr R Daniel at [internationale@voila.fr](mailto:internationale@voila.fr) for more information.

**SINCE 2007 – current:**

Founding Member and Managing Director Potgieter Training Consultants CC working in close affiliation with local and overseas academic institutions. Responsible for all academic and training programs, development and management thereof for the DTMSI and its affiliates. For more information refer to [www.potgietertraining.com](http://www.potgietertraining.com)

**SINICE 2010 to current:**

Appointed President of The Faculty of Professional Business and Technical Management (FPBTM) an International Professional Organization based in the United Kingdom. Duties are to oversee the activities of this professional body at large.

**SINCE 2011 – 2015:**

Co-owner of the Academic Consortium of the Americas (ACA) and appointed Vice President African Affairs and Academic Director of the Group. Co-owner of the Business School of the Americas (BSA), Technological University of the Americas (TUA) and University of Integrative Health (UIH). Responsible for the development of all academic programs as well as all academic materials, academic processes and the e-learning system.

**Since 2010 – 2015:**

Academic Director of the Academic Consortium of the Americas (ACA) registered in the USA and co-owner of the Business School of the Americas (BSA) registered in Suriname, and Technological University of the Americas (TUA) registered in Suriname and University of Integrative Health (UIH) registered in Suriname

**PROFESSIONAL REFERENCES:**

Professor Dr David Le Cornu St Clements University Prof. Dr Zaho Yu, DTMSI Representative PRC, Chang Chun Jilin Province Dr Gillick Trinity International University College USA

Prof Dr Chiharu Sano, DTMSI Japan  
Dr R Daniel, President Institute of International Affairs France,  
Dr H F E Jantzen Anglo Gold Johannesburg. South Africa  
Dr Sanford G Ware, Aware Technologies, Durban North South Africa.  
Dr F Human, Municipal Manager Kannaland Municipality.  
Mr P M v d Westhuizen, Ladismith  
Dr Simon Grima, Malta  
Prof Dr Len v d Walt, PB Southern Africa  
Prof Dr Hubert Rampersad, Suriname  
Prof Dr Lakshman Madurasinghe, Sri Lanka  
Prof Dr George Reiff, Thailand  
Dr M A Botha, George South Africa  
Prof Dr Gerrit Horn, Horn Training Group Pretoria

#### INTERNATIONAL CONFERENCES ATTENDED

September 2001: Beijing, Peoples Republic of China – Keynote speaker on a conference hosted by China Association of Quality Promotion (CAQP) and guided by the National Administration of Quality Supervision and Inspection, a government controlling body. Speech delivered was Adult Professional Development with an Emphasis on Credibility and Quality of Life.

April 2002: Los Angeles USA. Attended the Annual General Meeting and Conference hosted by World Association of Universities and Colleges (WAUC). Keynote speaker at the conference on the topic- South African Distance Learning Trends and Developments and the Developments within the Design, Technology and Management Society International in respect of WAUC.

Several DTMSI functions and meetings – Society matters and business since 1995 – present Chaired several convocations for Trinity International University Asian Annual convocations held in Hong Kong and Macau.

#### PUBLICATIONS

**IET(UK) SA Branch Newsletter Editor and Publisher**

**DTMS** Newsletter and Educational Highlights

**DTMS** Registration/ Certification requirements

**DTMS** Code of Ethics

**DTMS** Administration Documentation

**DTMS** Original Memorandum and Articles of Association

**DTMS** Information Brochures

**DTMS** Education and Training Guide for Members and Registrants

**DTMS** Mature Candidate Route to Corporate Membership

**DTMS** Guidelines on Education and Training Requirements for Members and Registrants

**DTMS** Establishments under Subsection 20 of the Memorandum and Articles of Association

**DTMS** Undergraduate Course Curriculum's and syllabuses

**DTMS** Postgraduate Course Curriculum's and Syllabuses

**DTMS** Student Handbooks and Course Reading Lists

**DTMS** Professional Development Education Documentation

**DTMS** St Clements University Prospectuses Technology Degree Programs and course materials

**DTMS** Web-site design and implementation and maintenance

**DTMS** Wittfield University degree programs and syllabuses

**DTMS** Adam Smith of America degree programs and syllabuses

**DTMS** Trinity International University degree programs and syllabuses

All Academic Publications and Course Materials for the ACA Group of Schools All

Academic Publications and Course Materials for UNEM International Program

#### RESEARCH WORK

**Damping of Electro-Mechanical Oscillations in a Multi Machine**

**System Stress Tests of Overhead Power Line Pylons**

**Electro-Mechanical Planning, Design and Construction of Overhead Power Line Towers**

**Understanding the Fundamentals of Electro-Mechanical Design and Construction of Transmission Towers**

## OUTSIDE INTERESTS

Mostly involved as stated above in the section describing professional involvement. During holidays and vocation periods, woodworking, sheet metalworking, game viewing, hiking and reading. Acting as advisor and consultant for the DTMS and educational establishments.

Also the general family man with an interest in God-Centered religious activities, bible knowledge and related studies.

Political Affiliations None

## REFERENCES

Mr. F Human Registrar DTMSI  
P O Box 204  
Ladismith Cape 6655  
South Africa  
E-mail [humanf@telkomsa.net](mailto:humanf@telkomsa.net)

Dr. M A Botha Past President DTMS  
P O Box 568  
Wilderness 6500

Mr. R A Greaves C Eng.  
Chamotte Holdings LTD  
Halfway House 1685

Mr. W S P de Klerk  
P O Box 8202  
Die Heuwel 1014

Mr. F Human Registrar DTMS  
P O Box 364  
Ladismith Cape  
6655