

## List of Peer reviewed publications

### Journal articles

- Kumar, D & Govender, I (2016). Bringing Agile Practices to the Classroom: Students' voices of the 3<sup>rd</sup> year project implementation. *AJSTID* (Accepted)
- Baridam, B & Govender, I (2016). The Role of Information and Communication Policies in the Governance of the Healthcare Sector. *Risk Governance and Control Journal*, 6(.). (Accepted)
- Moodley, T & Govender, I (2016). Factors Influencing Academic Use of Internet Banking Services: An Empirical Study. *AJSTID*, 8(1), 43-51.
- Skea, B & Govender, I. (2015). Teachers' Understanding of E-Safety: An Exploratory Case In KZN South Africa. *The Electronic Journal of Information Systems in Developing Countries*, 70(5), 1-17.
- Govender, I. & Mhkize, M. (2015). E-Learning in Place of Face-to-face Lectures: an Exploratory Study of Students' Perceptions. *Alternation* 22(1), 183-203.
- Govender, I., Khumalo, S. (2014). Reasoned Action Analysis Theory as a Vehicle to Explore Female Students' Intention to Major in Information Systems. *Journal of Communication*, 5(1), 35-44.
- Govender, I., Govender, D.W., Havenga, M., Mentz, E., Betty, B., Dignum, F. & Dignum, V. (2014). Increasing self-efficacy in learning to program: exploring the benefits of explicit instruction for problem solving. *TD The Journal for Transdisciplinary Research in Southern Africa*, 10(1), 187-200.
- Chaka J.G. & Govender, I. (2014). Mobile learning for Colleges of Education in Nigeria: an educational analysis. *Mediterranean Journal of Social Sciences*, 5(16), 273-279.
- Govender, I. & Sihlali, W. (2014). A study Mobile Banking Adoption among University Students using an extended TAM. *Mediterranean Journal of Social Sciences*, 5(7), 451- 459.
- Govender, I. & Govender, D.W. (2014). Faculty perceptions about using a learning management system: A case study. *Progressio*, 36(1), 34-52.
- Govender, I. & Naidoo, E. (2013). Perceived Relevance of an introductory Information Systems course to Prospective Business students. *South African Computer Journal (SACJ)*, 51 December (2013), 1-10.
- Breed, B., Mentz, E., Havenga, M., Govender, D., Govender, I., Dignum, F. & Dignum, V. (2013). Views of the Use of Self-directed Metacognitive Questioning during Pair Programming in Economically Deprived Rural Schools. *African Journal of research in Mathematics, science and technology Education*, 17(3), 206-219.
- Havenga, M., Breed, B., Mentz, E., Govender, D., Govender, I., Dignum, F. & Dignum, V. (2013). Metacognitive and Problem-Solving Skills to Promote Self-Directed Learning in Computer Programming: Teachers' Experiences. *SA-eDUC JOURNAL*, 10(2) 2 October 2013, 1-14.
- Govender, D.W., Govender, I., Breed, B., Havenga, M., Dignum, F. & Dignum, V. (2013). Supporting Information Technology (IT) Teachers through Programming Professional Development: A South African Case Study, *Journal of Communication*, 4(2), 153-160.
- Govender, I. & Govender, D.W. (2012). A constructivist approach to teach a programming course: Students' responses to the use of a LMS. *African Journal of research in Mathematics, science and technology Education*. 16(2), 111-125.

- Mentz, E., Bailey, R., Havenga, M., Breed, B., Govender, D., Govender, I., Dignum, F. & Dignum, V. (2012). The diverse educational needs and challenges of Information Technology teachers in two black rural schools. *Perspectives in Education*, 30(1), 238-258.
- Govender, I. (2010). From Procedural to Object-Oriented Programming (OOP) - Performance in OOP: An empirical study. *South African Computer Journal (SACJ)*, 46, 14-23.
- Govender, I. (2009). The Learning Context: Influence on Learning to program. *Computers & Education*. 3(2009), 1218-1230.
- Govender, I. (2008). Solving introductory computer programming problems using an object-oriented language: Insights from an empirical study. *African Journal of research in Mathematics, science and technology Education*, 12(Special edition), 18-34.
- Govender, D.W. & Govender, I. (2008). The Relationship between Information and Communications Technology (ICT) Integration and Teachers' Self-efficacy Beliefs about ICT. *Education as Change*. 13(1), 153-165.
- Govender, I. & Grayson, D. (2007). Pre-service and in-service teachers' experiences of learning to program in an object-oriented language. *Computers & Education*. (51)2, 874-885.
- Govender, I. (2007). Experiences of learning and teaching: Problem Solving in computer Programming. *African Journal of research in Mathematics, science and technology Education*. 11(2), pp 39-50.

### Conference Proceedings

- Ginger, L & Govender, I. (2016). Understanding socio-technical interaction in implementation of ICT in schools: Case study of Maputo Province, Mozambique. In *Proceedings of 24th Annual conference SAARMSTE*, Tswane university of Pretoria, 11-14 January 2016.
- Chaka, JG & Govender, I (2016). Students' Perceptions of Mobile Learning: The Case of Colleges of Education in Nigeria. In *Proceedings of 24th Annual conference SAARMSTE*, Tswane university of Pretoria, 11-14 January 2016.
- Govender, D.W. & Govender, I. (2014). A Review of The Use of a Learning Management System for Teaching in Secondary Schools: Insights from A South African Case. *EDULEARN14*, Spain.
- Govender, D.W. & Govender, I. (2013). On-Site Professional Development for Information Technology (IT) Teachers: A South African Case Study International Conference on *Advanced Education Technology and Management Science (AETMS2013)*, Hong Kong.
- Govender, I. & Dlamini, N. (2013). Virtual Worlds for Learning: Students' Perspective. *E-Learn 2013 World conference on E-Learning*, October 21-24, Las Vegas USA.
- Govender, D.W. & Govender, I. (2013). Technology Adoption: A different perspective in a developing country. In *Proceedings of 5<sup>th</sup> World conference on Educational Sciences (WCES 2013)*. 05- 08 February 2013, Sapienza University, Rome, Italy.
- Govender, D.W. & Govender, I. (2012). Are Students Learning Object Oriented Programming in an Object Oriented Programming Course? Student Voices. *ITiCSE'12*, July 3-5, 2012, Haifa, Israel.
- Havenga, M., Mentz, E., Breed, B., Govender, D., Govender, I., Dignum, F. & Dignum, V. (2012). A case study regarding teachers' problem-solving activities and approaches towards computer programming in diverse learning environments. *ICSIT 2012. The 3rd International Conference on Society and Information Technologies*. March 25th - 28th, 2012, Orlando, Florida, USA. Conference Proceedings.
- Govender, D.W. & Govender, I. (2011). Technology adoption: Beauty or Beast in Teaching and

- Learning? In *Proceedings of EASA conference*. EASA 2011, 10-13 January 2011; Sun City, South Africa
- Govender, I. (2012). Students' perceptions of podcasting as a Learning Tool. In *Proceedings of GlobalTime Online*. Florida, USA.
- Govender, D.W. & Govender, I. (2010). Educator Acceptance of Information and Communications Technology (ICT) integration in Teaching and Learning in a Developing Country. In *Proceedings of ED-MEDIA 2010*. June 29- July 2, 2010; Toronto, Canada.
- Govender, I. & Govender, D.W. (2010). An Exploratory Study: The effectiveness of a Learning Management System (LMS) in the delivery of a face-to-face programming course. In *Proceedings of International Conference on Education, Training and Informatics: ICETI 2010*. Florida, USA.
- Govender, I. (2010). Using Students' Experiences to investigate the effectiveness of a learning management System to teach programming. In *Proceedings of 18th Annual conference SAARMSTE*, University of KwaZulu-Natal
- Govender, I. & Govender, D.W. (2009). Learning management systems to support learning. *SITE 2009*. Charleston, USA.
- Govender, I. & Govender, D.W. (2008). Linking Teachers' Self-Efficacy Beliefs about ICT in a Developing Country. In *Proceedings of ED-MEDIA 2008*. June 30-July 4, 2008; Vienna, Austria.
- Govender, I. (2007). Understanding student performance in programming assessment questions. *ITiCSE- Scotland 2007*.
- Govender, I. (2006). Problem Solving within the context of computer programming: Critical issues". In *Proceedings of 14th Annual conference SAARMSTE*, university of Pretoria
- Govender, I & Grayson, D.J. (2006). Learning to program, learning to teach programming: A closer look. *ED- MEDIA conference*, June 2006 (Florida, Orlando).