

## Mini-Dissertation Titles - Masters in Engineering Management 2011-2017



| Year | Author                 | Supervisor         | Degree | Title   |
|------|------------------------|--------------------|--------|---|
| 2011 | ADENDORFF FB           | Verhaeghe AE       | MEM    | A Survey of Workforce Agility in a Consulting Engineering Company   |
| 2011 | BALOYI S               | Van Waveren CC     | MEM    | The Performance Management Process in the South African Petrochemical Industry  |
| 2011 | BHIMA DH               | Heunis C           | MEM    | Impact Young Talented Engineers from the Millennial Generation will have on a Specific Business   |
| 2011 | GOPAL AK               | Walwyn DR          | MEM    | Correlating research and development effort to company profitability: A case study in the South African defence industry  |
| 2011 | HAINSWORTH GA          | Kachieng'a MO      | MEM    | Development of a maintenance outsourcing management model for the Department of Public Works in South Africa  |
| 2011 | HARDING C              | Benade SJ          | MEM    | System Engineering Business Context: The Evaluation of the South African System Engineering Industry  |
| 2011 | HARPAULY               | Viljoen P          | MEM    | Project Portfolio Management - Theory vs. Practice: A case study in a South African Petrochemical company   |
| 2011 | JANSEN VAN RENSBURG PJ | Heunis C Dr        | MEM    | An Identification of Factors which aid the Retention of Graduate Engineers in a Consultation Engineering Environment situated in Secunda, Pretoria and Vanderbijlpark |
| 2011 | KHUMALO SL             | Visser JK          | MEM    | Investigate Maintenance Management Audit model for explosives industries  |
| 2011 | LOURENS PDM            | Pretorius L        | MEM    | The Impact of Short-Term Tactical Decisions on Value as Measured Against Strategic Long-Term Mine Planning in Exxaro Resources  |
| 2011 | MADZIVA TJ             | Benade SJ          | MEM    | A study to identify the critical success factors for implementation and post-implementation sustainability of SAP R/3 at Johnson Matthey.                             |
| 2011 | MAHUMA GN              | Visser JK          | MEM    | Opportunities for Condition Based Maintenance and the Benefits thereof in Eskom   |
| 2011 | MANENZHE R             | Erasmus LD         | MEM    | Investigating the effect of human behaviour as a cause of 37 % difference between the energy import and energy consumed in Sasol Synfuels Secunda                     |
| 2011 | MAPARURA GF            | Visser JK          | MEM    | Replacement and rebuild decisions of underground mining diesel equipment in Botswana  |
| 2011 | MAVHAIRE M             | Visser JK          | MEM    | Investigation into best practice Mobile Diesel Equipment maintenance.   |
| 2011 | MEYER GC               | Van Waveren CC     | MEM    | Quality Management in the Rotating Equipment Environment  |
| 2011 | MGOZA TP               | Erasmus LD         | MEM    | Impact of a Systems Engineering Life Cycle Approach on Improving Quality, Delivery, Support and Cost of Armoured Vehicles of BAE Systems Land Systems OMC.            |
| 2011 | MNGOMEZULU OTA         | Bekker MC          | MEM    | An investigation into the overspending of actual man-hours within the DSE Fabrication Workshop from a quality control perspective                                     |
| 2011 | MOGALANYANE T          | Van Waveren CC     | MEM    | Evaluating the effectiveness of indicators in improving maintenance performance   |
| 2011 | MORULE AB              | Van Waveren CC     | MEM    | An evaluation of quality in the planning of maintenance activities within Eskom Distribution: North-Western Region  |
| 2011 | MOTHIBINYANE T         | Pretorius L        | MEM    | Applying Theory of Constraints and Risk Management for Process Piping Modifications on a Project  |
| 2011 | MUNGANI DS             | Visser JK          | MEM    | Investigating Suitable Maintenance Approach for different Production Method. Sasol Secunda Complex Case Study   |
| 2011 | MUSETSHO T             | Pretorius L        | MEM    | Factors influencing technological innovation management for competitiveness of an organization  |
| 2011 | NCEMANE SN             | Weeks RV Dr        | MEM    | Organisational Resilience in the South African Services sector  |
| 2011 | NETSHIPISE AA          | Amadi-Echendu JE   | MEM    | An investigation into technology commercialization models - A case study of PetroSA.  |
| 2011 | PILLAY D               | Steyn HdeV         | MEM    | The Application of Earned Value Management for Managing Project Costs in the South African Municipal Infrastructure Sector  |
| 2011 | RALL RA                | Kruger LLSJ        | MEM    | Factors that will increase the successful completion of small projects within a multi disciplinary environment within the petro-chemical industry                     |
| 2011 | RAMASHALA PA           | Kachieng'a O       | MEM    | An Empirical Study of the Viability of Fixed Line Operators in South Africa   |
| 2011 | RAPHADU SE             | Amadi-Echendu JE   | MEM    | Modalities for technology transfer from project to operational environment: A case study  |
| 2011 | STRYDOM WJ             | Benade SJ          | MEM    | A Lean Systems Approach to the EPCM Operational Model   |
| 2011 | TIKOE S                | Amadi-Echendu JE   | MEM    | Investigation on impact of electricity power outages on the industrial sector in Lesotho  |
| 2011 | UBBINK M               | Venter JP          | MEM    | Quality Management of Software Development in a Very Small Enterprise – a Case Study  |
| 2011 | VAN AARDT P            | Van Waveren CC     | MEM    | Quality improvement on the production line; does better process knowledge influence the quality of the final product in manufacturing                                 |
| 2011 | VAN ZYL AC             | Benade SJ Dr       | MEM    | Using systems thinking to increase the speed of problem solving within a petrochemical plant  |
| 2012 | ACQUISTO GC            | Lalk J             | MEM    | A study into the barriers of sharing tacit knowledge within an industrial engineering consulting company  |
| 2012 | ANDERSON J             | Visser JK          | MEM    | Bird's Accident Ratio: The validity within the South African fertiliser manufacturing industry  |
| 2012 | BADURALLY ADAM MS      | Kachieng'a MO Prof | MEM    | Development of a New Model of Human Machine Interface System in Petrochemical Industry: The Case Study of Sasol Secunda   |
| 2012 | BERGH AV               | Steyn HdeV         | MEM    | Effective knowledge management in research projects in a South African research organisation: A comparison with global success factors                                |
| 2012 | BURGER AC              | Crafford A         | MEM    | Retention factors of Generation Y employees in a mining context in South Africa: A Case Study   |
| 2012 | DLAMINI GB             | Steyn HdeV         | MEM    | Resource allocation in multi-project environment during the engineering phase.  |
| 2012 | FOURIE RH              | Bekker MC Dr       | MEM    | The impact of human factors on APC performance  |
| 2012 | FOURIE RH              | Benade SJ          | MEM    | Systems Approach to the Development and Implementation of Multi-disciplinary Engineering Work teams   |
| 2012 | HATTINGH L             | Weeks RV           | MEM    | The Effect of Organisational Culture and Employee Skills on the Ability of an Internal Department to Deliver Services   |
| 2012 | HIRA R                 | Chan KY            | MEM    | Embedding Technology Vendors within South African Pay-TV Providers for Developing Improved Performance and Sustainable Capabilities in Product Development            |
| 2012 | HOLTZHAUSEN LJ         | Viljoen P          | MEM    | Factors influencing JIT supplier performance in a batch process environment   |
| 2012 | JACOBS D               | Barry ML           | MEM    | Unlocking critical success factors and criteria in capital projects – a perspective from the South African petrochemical industry                                     |
| 2012 | JORDAAN WJ             | Visser JK          | MEM    | Analysis of factors that may impact on maintenance performance in a South African heavy industrial environment  |
| 2012 | JORGE JA               | Verhaeghe AE       | MEM    | Talent Management in Top Performing Global Mining and Associated Services Companies from Developing Nations.  |
| 2012 | LOMBARD J              | Crafford A         | MEM    | An investigation into the factors influencing people to become engineers  |
| 2012 | MALATJI KP             | Amadi-Echendu JE   | MEM    | An investigation into mobile equipment maintenance at a surface coal mine   |

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|------|-----------------|-----------------------|-----|---|
| 2012 | MCPHAIL IB      | Viljoen P             | MEM | Offshore Contract Manufacturing in the South African Electronics Industry   |
| 2012 | MOEKO LM        | Visser JK             | MEM | Level of infrastructure maintenance management in Lesotho Electricity Utility compared with other utilities of the South African Power Pool   |
| 2012 | MOLIPANE NP     | Brent AC Prof         | MEM | Development of a technology sustainability assessment framework for the selection of wastewater treatment technology at Sasol synfuels  |
| 2012 | MONGANE M       | Visser JK             | MEM | The Impact of on-Track measurement devices on the Performance of Railway Maintenance  |
| 2012 | MOOTANE RC      | Erasmus LD            | MEM | The effect of configuration management in the operation of engineered systems   |
| 2012 | MULAUDZI RQS    | Weeks RV              | MEM | An analysis of after-sales (AS) services in South African industrial firms. A client and supplier relationship perspective.   |
| 2012 | MVURA D         | Lalk J                | MEM | Determination of Barriers to the uptake of new energy technologies to meet the IRP2010 requirements in South Africa   |
| 2012 | NTANZI TP       | Pretorius L           | MEM | Economic and technological growth through high speed rail in South Africa   |
| 2012 | NYANDORO EM     | Lalk J                | MEM | Risk Management in Long Term Energy Plans   |
| 2012 | NYARELI TN      | Erasmus LD            | MEM | Evaluating the Systems Engineering Management Model used by Benel Land Systems: A Case Study  |
| 2012 | PARSONS JS      | Crafford A            | MEM | An investigation of factors affecting employee retention within the petrochemical engineering fraternity: Generation Y Focus  |
| 2012 | PETERSON BB     | Lalk J                | MEM | An evaluation of Power Quality programs for major electrical utilities within South Africa  |
| 2012 | PHAAHLA RP      | Erasmus LD            | MEM | The impact of implementing the communication networks and systems standard (iec 61850 std) on organization  |
| 2012 | RAMALOKO PM     | Buyis AJ Prof         | MEM | Evaluating the Management of Innovation in a Publicly-Funded Research Organization (PRO): The CSIR Case Study   |
| 2012 | SCHNETLER R     | Steyn HdeV            | MEM | A study of matrix structure characteristics and their effects on project success A viewpoint from the South African project industry  |
| 2012 | THERON WA       | Pretorius L           | MEM | The Influence of Major External and Internal Events on the Culture of an Engineering Organisation   |
| 2012 | ULAYA CF        | Amadi-Echendu JE      | MEM | A study into availability, maintainability and reliability of cubic diamond presses.  |
| 2012 | VAN DER WALT JP | Barry ML              | MEM | Project management: The current status of project knowledge management – The South African perspective  |
| 2012 | VAN ROOYEN WJ   | Steyn JL              | MEM | Criteria for the adoption of advanced medical equipment in a developing country – The case of PET-CT in the South African public healthcare sector  |
| 2012 | VAN ZYL WJ      | Van Waveren CC        | MEM | The factors affecting the quality and success of multi-disciplinary engineering projects during design: An engineering contractor's perspective.  |
| 2012 | VILJOEN JG      | Pretorius MW          | MEM | Innovation and Recession: Innovation Activities in South African SMME Companies within the ICT and Advanced Manufacturing Sectors during Times of Recession                                       |
| 2012 | VOGES G         | Visser JK             | MEM | Preventive maintenance: Strategy or Perception?   |
| 2013 | Alotsi LI       | Weeks RV Dr           | MEM | Assessment of ICT Governance status in large companies within Lesotho   |
| 2013 | Antony TJ       | De Klerk AM Prof      | MEM | An investigation into the effectiveness of the Risk Based Inspection (RBI) process within the Sasol chemical industries in Sasolburg  |
| 2013 | Bester NS       | Walwyn DR Prof        | MEM | Public vs. private cost benefit analysis: A case study from product development in the vaccine manufacturing industry   |
| 2013 | Booyesen L      | Ouma JM Prof          | MEM | Analysis of mergers and acquisitions of consulting engineering companies in South Africa  |
| 2013 | Coffee M        | Erasmus LD Dr         | MEM | Assessing the theory and implementation of human capacity development with regards to moving towards a knowledge-based economy  |
| 2013 | De Simone R     | Walwyn DR Prof        | MEM | Barriers to the adoption of green energy technologies in the South African property market  |
| 2013 | De Smidt MR     | Amadi-Echendu JE Prof | MEM | Assessment of continuous miner condition  |
| 2013 | Delport LW      | Visser JK Prof        | MEM | How proper maintenance adds value to an underground coal mine   |
| 2013 | Deonarain S     | Buyis AJ Prof         | MEM | Industrial innovation in the mining sector: Gold Fields case study  |
| 2013 | Eicker A        | Weeks RV Dr           | MEM | Implementation of procurement information technology in a South African construction company: A case study  |
| 2013 | Eicker UO       | Weeks RV Dr           | MEM | Building information modelling as an information management tool: A South African perspective   |
| 2013 | Evert GP        | Erasmus LD Dr         | MEM | The adoption and effects of international telecommunication trends in South Africa: Technology and market perspectives  |
| 2013 | Fanta GB        | Erasmus LD Dr         | MEM | Investigation into eHealth systems implementation success in South Africa: A system engineering perspective   |
| 2013 | Gous E          | Venter JP             | MEM | Utilising cognitive work analysis for the design and evaluation of command and control user interfaces  |
| 2013 | Greyling W      | Kachieng'a MO Prof    | MEM | The effect that "Green Areas" have in a South African manufacturing industry. A case study in a plastic and automotive manufacturing industry   |
| 2013 | Gwiya K         | Steyn JL Prof         | MEM | Sources of technology for innovation in South Africa automotive component manufacturing   |
| 2013 | Harker B        | Steyn JL Prof         | MEM | The Relationship between Innovation Activities, Strategies and Innovation in Automotive Component Manufacturing   |
| 2013 | Haufiku TK      | Visser JK Prof        | MEM | Analysis of the effectiveness of risk management application the Namibian diamond company Namdeb  |
| 2013 | Ismail J        | Pretorius L Prof      | MEM | A scheduling approach to improve simultaneous underground coal mine replacement   |
| 2013 | Kasumba MLK     | Weeks RV Dr           | MEM | Effectiveness of multicultural teams in executing projects during the engineering, procurement and construction phase in a petrochemical environment  |
| 2013 | Kokot FJ        | Bekker MC Dr          | MEM | A critical review of the work methodology of consulting engineering firms to optimise profit  |
| 2013 | Komane MH       | Steyn JL Prof         | MEM | Innovation strategy in automotive component manufacturing and technology and information sources and transactions   |
| 2013 | Kudiwa W        | Visser JK Prof        | MEM | Effectiveness of the performance reliability optimisation model implemented in Eskom generation   |
| 2013 | Lemberger ID    | Erasmus LD Dr         | MEM | Systems engineering management process maturity of South African manufacturing organisations  |
| 2013 | Lombard R       | Van Waveren CC Mr     | MEM | Factors affecting manufacturing quality for non-repairable products   |
| 2013 | Louw WJ         | Benade SJ Dr          | MEM | The integration of talent management practises and computer aided engineering in new product development  |
| 2013 | Malope RN       | Amadi-Echendu JE Prof | MEM | An investigation into maintenance management in a railway environment   |
| 2013 | Mammen AA       | Weeks RV Dr           | MEM | Electronic Medical Record (EMR) technology acceptance by healthcare professionals in South Africa   |
| 2013 | Marx PJ         | Buyis AJ Prof         | MEM | Investigation of piloting in new technology development   |
| 2013 | Matshitela MP   | Lalk J Dr             | MEM | The optimisation and execution of medium to large engineering capital projects in Eskom   |
| 2013 | Milanzi DA      | Weeks RV Dr           | MEM | Understanding servitization: A resilience perspective   |
| 2013 | Mountford GA    | Weeks RV Dr           | MEM | An investigation into the internal business logic required for successful strategic customer service initiatives in organisations offering clients an integrated package of products and services |

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|------|------------------|-----------------------|-----|---|
| 2013 | Naude CJ         | Steyn JL Prof         | MEM | Important aspects in implementing Scrum to manage software projects   |
| 2013 | Nwauka OI        | Weeks RV Dr           | MEM | Healthcare service delivery efficiency: Performance of Gauteng hospitals  |
| 2013 | Oosthuizen D     | Crafford A            | MEM | Work identity of engineers  |
| 2013 | Pieterse W       | Visser JK Prof        | MEM | Evaluating the ability of decision makers to effectively estimate risks in industrial applications  |
| 2013 | Pillay L         | Buys AJ Prof          | MEM | Innovation behaviour in Eskom   |
| 2013 | Ramutumbu MM     | Winsker D Dr          | MEM | Investigation into the use of Plant Information Systems in a coal fired power plant: A case study on Kriel Power Station  |
| 2013 | Schmid MJ        | Kruger LLSJ Mr        | MEM | An investigation into the prior work experience of entrepreneurs as a determining factor in the success of their enterprise   |
| 2013 | Slabbert H       | Amadi-Echendu JE Prof | MEM | A technology gap analysis: The S.A Navy asset register measured against relevant policies, guidelines and legislation   |
| 2013 | Sulaiman MJ      | Visser JK Prof        | MEM | An investigation into technology advancement in switchgear at the Sasol plant   |
| 2013 | Tsoane LC        | Weeks RV Dr           | MEM | An analysis of the impact of a change in management style in enhancing service delivery: A De Beers marine case study   |
| 2013 | Van Wyk LA       | Visser JK Prof        | MEM | Maintenance management and risk management in wind tunnel facilities  |
| 2014 | Amojee DM        | Steyn JL Prof         | MEM | The influence of supply chain sources of technology and knowledge on innovation in developing country automotive component manufacturing                                  |
| 2014 | Chabatsane RS    | Benade SJ Dr          | MEM | Investigation into insourcing as an alternative to outsourcing  |
| 2014 | Chauke JTM       | Marais HC Prof        | MEM | Utilization of research findings: Testing of systematic framework on the Utilization of Research Findings (URF)   |
| 2014 | Cronje FJ        | Laik J Dr             | MEM | Techno-economic modelling and analysis of ocean energy development in South Africa  |
| 2014 | Duma B           | Amadi-Echendu JE Prof | MEM | Online condition assessment of a dragline   |
| 2014 | Dumi L           | Amadi-Echendu JE Prof | MEM | Attributes of Technology Transfer Success Factors in the Oil and Gas Sector of Nigeria: A Case Study of Chevron Nigeria Escravos Gas-To-Liquid Project                    |
| 2014 | Eelders A        | Benade SJ Dr          | MEM | Tailoring commercial processes like The Lean Start-up and Lean Manufacturing to improve current system engineering processes in the defence industry (Denel Land Systems) |
| 2014 | Eschberger GK    | Le Roux BJ Mr         | MEM | The application of Theory of Constraints thinking processes to improve the managerial outlook on strategic demand planning and fulfilment                                 |
| 2014 | Fivaz A          | Pretorius MW Prof     | MEM | A knowledge management framework for manufacturing firms in South Africa  |
| 2014 | Govindan T       | Bekker MC Dr          | MEM | Analysis of skills shortcomings of mechanical engineers after graduate development program  |
| 2014 | Henning L        | De Waal J Col         | MEM | A narrative enquiry into the different requirements analysis processes used at the CSIR DPSS  |
| 2014 | Khan MT          | Laik J Dr             | MEM | Why South Africa's vertically integrated electricity supply industry continues and how to introduce practical power sector restructuring and reforms                      |
| 2014 | Kirstein JC      | Brent AC Prof         | MEM | An investigation into the normalisation of water use in breweries   |
| 2014 | Kotze MM         | Le Roux BJ Mr         | MEM | Objective engineering resource requirements forecasting and planning for engineering services management  |
| 2014 | Liebenberg AD    | Pretorius L Prof      | MEM | Developing a maintenance model for selecting maintenance tactics  |
| 2014 | Macrae K         | Visser JK Prof        | MEM | The perceived value of maintenance performance in an organisation's performance   |
| 2014 | Maroo KI         | Weeks RV Dr           | MEM | Determining the success and failure factors for rural development: A case study of the Comprehensive Rural Development Program (CRDP) in the Mpumalanga Province          |
| 2014 | Masekoameng MC   | Ellis HJP Mr          | MEM | Adaptation of maintenance strategies in time of crisis: Case of the South African power generation industry   |
| 2014 | Mashigo KI       | Weeks RV Dr           | MEM | Evaluation of the vehicle after-sales services offered in South Africa by competing brands  |
| 2014 | Meleloe KE       | Walwyn DR Prof        | MEM | A Comparative Study of Gas to Liquids Commercialisation Models  |
| 2014 | Mhlanga LL       | Marais HC Prof        | MEM | A baseline survey of line manager's responses to Transnet Engineering's Market Demand Strategy innovation theme   |
| 2014 | Miya LM          | Grobelaar SS Dr       | MEM | Risk-based maintenance on physical assets: Ekurhuleni Metropolitan Municipality Water Services  |
| 2014 | Mkhabela LP      | Pretorius MW Prof     | MEM | The optimization and sustainability of technology management processes in Eskom   |
| 2014 | Monyepao MS      | Brent AC Prof         | MEM | Technology transfer of soil moisture monitoring devices in irrigated farms and schemes of Limpopo Province: A project lifecycle management perspective                    |
| 2014 | Mosoeu SC        | Van Waveren CC Mr     | MEM | Factors affecting lean implementation within the freight rail transportation service sector in South Africa   |
| 2014 | Moyo MD          | Wolmarans HP Prof     | MEM | Capital budgeting techniques used by unlisted South African engineering and manufacturing companies   |
| 2014 | Mweendo K        | Ouma JM Prof          | MEM | Learning, evolution of technology accumulation: Zambia's telecommunication sector   |
| 2014 | Naidoo NJ        | Pretorius MW Prof     | MEM | Adaptation to technological change: An operator perspective   |
| 2014 | Nukeril T        | Vosloo Ria Dr         | MEM | Competencies and training for a rotating equipment artisan  |
| 2014 | Olukunle AO      | Botha A Mr            | MEM | The effectiveness of Condition Based Maintenance (CBM) as a maintenance tactic in South Africa's mining sector  |
| 2014 | Peach RH         | Ellis HJP Mr          | MEM | A maintenance performance measurement framework inclusive of maintenance human factors for the electricity transmission industry  |
| 2014 | Surju S          | Benade SJ Dr          | MEM | A case study into the status of Requirements Management in the South African defence industry   |
| 2014 | van der Walt CJH | Weeks RV Dr           | MEM | An analysis of the concept of "Organisational Culture" as a determinant in the rendering of internal services   |
| 2014 | Wayiti SS        | Visser JK Prof        | MEM | An investigation of diagnostic, prognostic and structural health monitoring systems in asset management   |
| 2014 | Zuma SN          | Ouma JM Prof          | MEM | Technological capability building of Small and Medium Enterprises to manufacture transformers in South Africa   |
| 2015 | Blackman MD      | Chan K-Y Dr           | MEM | Antecedents and effects of innovative activities on innovative behaviours of individuals: A case of a South African company   |
| 2015 | Bosaletsi OE     | Amadi-Echendu JE Prof | MEM | An investigation into asset management decision-making in Eskom distribution  |
| 2015 | Budhram D        | Ellis HJP Mr          | MEM | A Case Study: The development of a Decision Support System (DSS) for maintenance management of rails in Transnet  |
| 2015 | Chauke MD        | Benade SJ Dr          | MEM | The influence of Capability-Based Planning on systems interoperability in the SANDF   |
| 2015 | Cillie MM        | Erasmus LD Dr         | MEM | Services marketing within South African engineering enterprises : A comparative study of theory and practice  |
| 2015 | Engelbrecht H    | Steyn HdVS Prof       | MEM | Escalation of Commitment : Evaluating Project Termination Behaviour of Masters of Engineering Management Students   |
| 2015 | George AE        | Chan K-Y Dr           | MEM | Critical success factors affecting global virtual team performance in projects  |
| 2015 | George G         | Benade SJ Dr          | MEM | The implementation of waste separation in domestic households to support Informal recycling syndicates in urban South Africa : A systems approach                         |

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|------|------------------|-----------------------|-----|---|
| 2015 | Hurly S          | Pretorius MW Prof     | MEM | Knowledge management gap identification and recommendations for the engineering fraternity  |
| 2015 | Khosa V          | Benade SJ Dr          | MEM | The application of systems engineering processes in Transnet Engineering (TE) products development  |
| 2015 | Kirstein CF      | Visser JK Prof        | MEM | Risk Modelling of Heavy Mobile Equipment to Determine Optimum Replacement Ages  |
| 2015 | Mabea MJ         | Amadi-Echendu JE Prof | MEM | An Investigation into Mobile acceptance, diffusion and penetration: A case study of Lesotho   |
| 2015 | Managa TS        | van der Lingen E Prof | MEM | Commercialisation of defence-related IP in South Africa: a case study   |
| 2015 | Manyumwa S       | du Plessis JW Mr      | MEM | Managing service organisations for business continuity in an age of uncertainty: A Zimbabwean perspective   |
| 2015 | Meletse TF       | Chudy M Dr            | MEM | Modern technology and technology management principles available for the reduction of green-house gasses emissions and improved energy efficiency of the coal fired boiler at Denel-PMP |
| 2015 | Mohapi TC        | Bekker MC Dr          | MEM | Project system compliance and project performance in Eskom Distribution NWOU  |
| 2015 | Moodley K        | Ellis HPJ Mr          | MEM | Investigating the maintenance maturity level in Eskom distribution – a case study   |
| 2015 | Motaung JT       | Lalk J Dr             | MEM | Investigating the effect of regulation enforcement in energy efficiency implementation for South Africa   |
| 2015 | Murovhi NAC      | Ouma JM Prof          | MEM | Establishing technology innovation institutions in South Africa   |
| 2015 | Muzira TF        | Erasmus LD Dr         | MEM | Narrative Enquiry into Service Excellence in Uncertainty: Contributions of Business and Information Technology Strategic Alignment  |
| 2015 | Mvimbi TV        | Benade SJ Dr          | MEM | Exploration of factors affecting revenue management in power utilities  |
| 2015 | Mwandla LF       | Crafford A Dr         | MEM | An investigation into the factors influencing people to become engineers  |
| 2015 | Naudé EA         | Visser JK Prof        | MEM | Risk profiling for mining projects in Africa  |
| 2015 | Njeru MN         | Poluta M Mr           | MEM | An investigation into the influence internal service quality has in corporate performance   |
| 2015 | Pretorius SR     | van der Lingen E Prof | MEM | Enterprising tendencies of Scientists, Engineers and Technical employees (SET) in a petrochemical research department   |
| 2015 | Prinsloo R       | Botha A Mr            | MEM | Asset management system maturity in the South African mining industry   |
| 2015 | Rabopape MD      | Bekker MC Dr          | MEM | Changing role of various stakeholders across the project life cycle: The case of Sasol  |
| 2015 | Rautenbach L     | Benade SJ Dr          | MEM | The Psychological Impact on Survivors of Repeated Organisational Restructuring at South African Companies   |
| 2015 | Reddy CS         | Amadi-Echendu JE Prof | MEM | Asset Management Decisions: An empirical analysis on Transformers and Reactors  |
| 2015 | Schloss SM       | Benade SJ Dr          | MEM | Qualitative Analysis of System Engineering Challenges within the Systems Engineering and Project Management Environment   |
| 2015 | Selepe BZ        | Pretorius L Prof      | MEM | Project Risk Management Capability Assessment: the Case of a Systems Integration Organisation in South Africa   |
| 2015 | Selesho RK       | Heunis C Dr           | MEM | Case Study: Closing the Absenteeism Gap through effective implementation of existing control systems at Sasol Dyno Nobel  |
| 2015 | Shotubo AN       | Amadi-Echendu JE Prof | MEM | Risk Management Practice in the Nigerian Oil and Gas Industry Capital Projects  |
| 2015 | Siavhe MB        | Chudy M Dr            | MEM | Life-cycle Assessment between the dominant gearbox and large gearless technology of wind turbines: Grid operations perspective  |
| 2015 | Skinner MA       | Visser JK Prof        | MEM | The effect of maintenance strategy on maintenance performance and selection of Key Performance Indicators   |
| 2015 | Smith L          | van der Lingen E Prof | MEM | Supply Chain Management: Performance benchmarks for South African companies   |
| 2015 | Snyman AJ        | Amadi-Echendu JE Prof | MEM | Asset Performance Measurement: A Focus on Mining Concentrators  |
| 2015 | Summers DJ       | Visser JK Prof        | MEM | Factors Influencing the Decision to Outsource Maintenance in South Africa   |
| 2015 | Tire SA          | Ouma JM Prof          | MEM | Analysis of Gender Equity in the Engineering Profession in South Africa   |
| 2015 | Tshobeni S       | Chudy M Dr            | MEM | A critical comparison of domestic electrical tariffs in local government municipalities in terms of the municipal grading system : A comparative study                                  |
| 2015 | Tsikwe IT        | Pretorius MW Prof     | MEM | Translating a Concentrated Solar Power (CSP) Technology Strategy to successful business model in South Africa   |
| 2015 | Tuta FU          | Pretorius MW Prof     | MEM | Selection, Transfer and Adoption of New Technology: A Comparison Study between the Mining Industry and Other Industries   |
| 2015 | Van der Merwe MJ | Benade SJ Dr          | MEM | Finding a logistics cost coefficient based on macroeconomic indicators for Sub Saharan African Countries: A Systems Engineering Approach  |
| 2015 | Van Zyl WF       | Thopil GA Dr          | MEM | A framework for the implementation of energy efficiency initiatives in a South African petrochemical plant  |
| 2015 | Veldman A        | Pretorius MW Prof     | MEM | Development of a technology selection model for off-the-shelf types of technologies utilised in Sasol Synfuels  |
| 2015 | Viljoen JJ       | Visser JK Prof        | MEM | The influence of coal quality on the maintenance management of coal fired power stations within South Africa  |
| 2015 | Visagie JH       | Lalk J Dr             | MEM | A study into the application of requirements engineering for streamlining impact analysis of change   |
| 2015 | Zimba SK         | Chudy M Dr            | MEM | A Study of Imbalance Energy in Interconnected Electric Power Grids – the Case of Southern African Power Pool  |
| 2016 | Amsterdam H      | Thopil GA Dr          | MEM | Enablers towards establishing and growing South Africa's Waste to Energy Industry   |
| 2016 | Behane TD        | Grobelaar SS Dr       | MEM | The process of Intra- Firm Technology Transfer: A Case Study of De Beers Marine   |
| 2016 | Blose S          | Pretorius MW Prof     | MEM | Absorptive Capacity and Technological Capability assessment of the South African Electrical Distributor: A case study   |
| 2016 | Boshielo MP      | Amadi-Echendu JE Prof | MEM | Analysis of Benchmarking Data: A Refinery Case Study  |
| 2016 | Botha LC         | Wolmarans HP Prof     | MEM | Financing South African Information Technology Start-ups: A crowdfunding perspective  |
| 2016 | Chetty L         | Heunis C Dr           | MEM | The application of Herzberg's theory to engineers at work   |
| 2016 | De Wet SJ        | Chan KY Dr            | MEM | The relationship between structural and relational network characteristics and innovation performance for knowledge based South African SMEs  |
| 2016 | Dlamini T        | Szewczuk S Mr         | MEM | Localisation of Solar Energy Technologies: Current state, potential and challenges in South Africa  |
| 2016 | Du Plessis AJ    | Benade SJ Dr          | MEM | System engineering: Key towards enterprise efficiency? A South African perspective  |
| 2016 | Feresu T         | Thopil GA Dr          | MEM | The energy efficiency benefits of adding multi-reflective material to roof thermal insulation retrofits   |
| 2016 | Govender I       | Thopil GA Dr          | MEM | Financial and Economic Appraisal of a Biogas to Electricity Project   |
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