

Curriculum vitae

Kitaing, Kisilu Mashtakh: PhD (RMIT University- Melbourne, Australia) M. Phil, B. Ed (Technology) - Moi University, Kenya.

A: Bio-data

Name	Kisilu Mashtakh Kitaing
Date of birth	July 02 1969
Nationality	Kenyan
Marital status	Married.

B: Work Experience

a) International

September 2002 to July 2005

I was a Lecturer (trainer and instructor) at the Box Hill institute of Technical and Further Education (TAFE) in Melbourne, Australia in the department of Automotive and Transport Engineering. I taught and coordinated a range of courses on Engines and Vehicle Technology.

b) National

Jun 1998 - April 2002 and July 2005 to present:

A Lecturer at the **Moi University, Kenya** in the department of Technology Education. I was Employed as Graduate Assistant (1998-2000) and later promoted to a Tutorial Fellow(2000-2006) and then Lecturer (2006 – present) in the **Automotive Section**. I teach the following courses in the department:

- (i) Research design and methodology
- (ii) Advanced educational statistics
- (iii) Operations Research
- (iv) Automotive technology and practice-- This covers light and heavy Vehicles ,Engines and Vehicle Technology
- (v) Kinematics and Kinetics of Machines
- (vi) Engineering Thermodynamics
- (vii) Engineering drawing and design
- (viii) Engineering Materials
- (ix) Automotive electrical systems

Responsibilities

I am now a coordinator of the post graduate studies in the school of Education, Chepkoliel campus.

I am the School coordinator all the programs of the School of Education and Social studies in Central Kenya Campus of Moi University.

I am a supervisor and examiner of the postgraduates students in the School of education..

I won a grant from the International Vocational Education and Training Association (IVETA) to evaluate the Master of Philosophy Technology education program. Report was submitted in November 2008. . A refereed paper has been submitted for presentation at an international symposium.

I drafted an evaluation tool for the technology education department. The tool was used to conduct the research at the departmental level.

I was quite instrumental in the development of Moi University Technology Education Master of Phil Program which is now running and has had many graduands.

I am a member of the team that is charged by the department with the responsibility of making the D. Phil program. The program has been passed at the school level.

I am a member of The Moi University Gender Equity Project team. With the other members and the IGERD board, we have conducted surveys on gender, organised Essay competitions on gender issues and written papers on the emerging themes. In addition we had a road show on gender themes in the year 2009. In the year 2010, we organised a successful international conference on gender research and practice.

Other responsibilities that I have undertaken included being the departmental examination coordinator, assistant Faculty examinations officer and the Mechanical section coordinator. The responsibilities of examination coordination included overseeing the setting, moderation, invigilation, marking and compiling of the examination results for all the department's students. As a mechanical section head, I was in charge of all the administrative duties relating to the students and the lecturers in the section.

Sept 1996 - Jun 1998

At the Mombasa National Polytechnic in the department of Mechanical and automotive Engineering. Courses taught at the diploma level:

Engineering thermodynamics, Vehicle Technology, Engine technology, and engineering Drawing. I was employed as a lecturer by the Teachers service Commission- Kenya. Other responsibilities included being the Automotive Section Coordinator and the Industrial attachment liaison officer for the department. As section coordinator, I was in charge of all the automotive teaching programs. Had 15 members of staff in the section.

Feb 1993 to December 1994

At the Mutito High school in Kitui. Teaching Power Mechanics Technology and practice. I was the Kitui district Science and technology congress assessor for the applied technology exhibits.

Industrial Placements

Besides the normal school industry visits, I was attached at the Doshi Steel Tubes in Mombasa. Duties involved repair and service of the motor vehicles and overseeing the operations at the steel making mechanical plant. In addition, I was attached at the Associated Vehicles Assemblers (AVA) for 3 months while working at the Momabasa Polytechnic.

Others

I have worked as a Vehicle Technology Instructor at the Kenya Ports Authority, Bandari College. Tasks involved Initiating old workers in to new Technology Machines and vehicle models. I have also been a counsellor with the K- map on the areas of automotive transport industry.

C: Education & Training

April 2002 to July 2005

A PhD student at the RMIT University, Melbourne, Australia. At the faculty of Education, Languages and Community Services, in the department of **Industry, Professional and Adult Education**. Conducted a research on the improvement of responsiveness to changes in technology and the link between training and work in the Automotive **industry** entitled:- **Balancing the forces: the development of relevant training that aligns to the work demands in automotive retail, service and repair industries in Kenya and Australia.**

2002-Present

Other certified training: Participated in and obtained certificates in

- i) **SPSS training for research**
- ii) **Leadership and Communication in education and training**
- iii) **Project planning and management**
- iv) **Policy development and implementation strategies**
- v) **Gender mainstreaming in Organisations.**
- vi) **Analysing Qualitative Research**

Jan 1995 to August 1996

At the Moi university - Kenya, in the faculty of education, department of educational Psychology. Pursued a **Master of Philosophy degree** in Educational Psychology. This was done by course work and thesis. Successfully defended thesis on 30th April 1997 and graduated in December the same year. Research was on the automotive course at the secondary schools in Kenya entitled:- **Attitudes of trainers and trainees towards the 8.4.4 Power Mechanics secondary schools' course in Kenya.**

Sept 1989 to December 1992

At the Moi university - Kenya, in the faculty of education, the department of technology education. Pursued a Bachelor of **Technology Education degree.**

Obtained a **First Class** honours degree in **Power Mechanics (Automotive) Technology**.

Feb 1987 to December 1988

At the Kitui High school, Kenya. Did the Kenya Advanced Certificate of Education (KACE) in Maths, Physics, Chemistry and Further Mathematics. Obtained 4 principal passes and a subsidiary in general paper. Obtained a total of 16 points at the Advanced Level certificate (A- level).

Jan 1983 to December 1986

In Nakuru High school, Kenya. Did Kenya Certificate of Education (KCE). Obtained division 1 of 16 points. Subjects taken were English Language, Mathematics, Physics, Chemistry, Geography, Technical drawing (Mechanical), Automotive Technology and Automotive Application.

D: Publications

Forthcoming

49. **Kitaiinge, K. M.** (Forthcoming). An evaluation of the Master of Philosophy in Technology Education program in Moi University, Kenya..
48. **Kitaiinge, K. M., & Syomwene, A.** (Forthcoming). Meaning Making Procedures in Education and Training and their Implications to the Choice of Infrastructure for Technology in Education.

Book Chapters (Refereed and for use at University Level)

47. **Kitaiinge, K. M. (2009).** Challenges of Training Motor Vehicle Mechanics for Changing World Contexts and Emergent Working Conditions: Cases of Kenya and Australia. In V. C. X. Wang (Ed). *Handbook of Research on E-Learning Applications for Career and Technical Education: Technologies for Vocational Training. (2-volumes)* (Vol. 1, Chapter Three, ISBN: **978-1-60566-739-3** Pages. 112-127). Long Beach, California: IGI. [**Victor C. X. Wang, California State University at Long Beach, USA** 13-digit ISBN: 978-1-60566-739-3 1,028 pages; 2009 Copyright Price: US \$495.00 (hardcover*)]
46. **Kitaiinge, K. M. (2009).** Trainees' Views Regarding Emphasis and Adequacy for Work of Institution-Based Automotive Training in Kenya and State of Victoria - Australia. In V. C. X. Wang (Ed.), *Handbook of Research on E-Learning Applications for Career and Technical Education: Technologies for Vocational Training. (2-volumes)*.
45. **Kitaiinge, K. M. (2007).** Australia's vocational education and training. In V. C. X. Wang & K. P. King (Eds.), *Innovations in Career and Technical Education: Strategic Approaches toward Workforce Competencies around the Globe* (pp. 237-260. Total pages 288. **ISBN 10::** 1593118392, 1593118406 and **ISBN 13:** 9781593118396, 9781593118402). New York: Information

Age Publishing

Refereed/Reviewed Journal articles

44. **Kitaiinge, K. M.**, Sempele, C. N. L., & Nguthari, E. J. N. (2010). Managing the Change Process and Resistance to Change in Educational Institutions. *Journal of African Studies in Educational Management and Leadership - ISSN 2078-7650*, 1(1), Paper Number 10. <http://www.kaeam.or.ke/e-journal/articles/vol1/sempelefulltext.pdf>
43. **Kitaiinge, K. M.**, & Nganga, S. I. (2009). Contributions of Module II programs to improvement of University resources for improved quality of education. *Management Digest*, 1(1), 100-118.
42. **Kitaiinge, K. M.**, Nganga, S. I., & Syomwene, A. (2009). Organisation of education and Training in Australia: Possible Lessons for third world countries. *Management Digest*, 1(1), 203-214.
41. Kiplagat, H., **Kitaiinge, K. M.**, & Wosyanju, C. (2009). An Assessment of the Relevance of Youth Polytechnics Programmes Towards Youth Employment: A Case Study of Chepkorio and Iten Youth Polytechnics in Keiyo District, Kenya. *Management Digest: A journal of Kenya institute of management*, 1(1), 193-202.
40. **Kitaiinge, K. M.**, Nganga, S. I., Wanjiku, K., & Gathuthi, E. W. (2009). Financing Higher Education and the quality of education in Tertiary institutions in Kenya. *Management Digest: A journal of Kenya institute of management*, 1(1), 56-69.
39. Nganga, S. I., **Kitaiinge, K. M.**, & Tarus, D. K. (2009). Competency, Experience and Industrial Exposure of Faculty Members in Public Universities and Collaborating Colleges in Kenya. *Management Digest: A journal of Kenya institute of management*, 1(1), 169-184.
38. Nyaga, G. J., Dimo, H. O., & **Kitaiinge, K. M.** (2009). Technology Based Waste Management Strategies in Higher Learning Institutions. *Management Digest: A journal of Kenya institute of management*, 1(1), 421-428.
37. Syomwene, A., & **Kitaiinge, K. M.** (2009). The cultural historical Activity theory: Implications to the utilization of distance education in Higher education in Africa. *Management Digest*, 1(1), 377-385.
36. **Kitaiinge, K. M.**, Ng'ang'a, S. I., & Talam, M. K. (2008). Applicability of Telotechnology in Civil Engineering projects management. *Proceedings of 2nd international Civil Engineering Conference on civil engineering and sustainable development 23-25 September, 2008*. 2008(I), 707-715.
35. **Kitaiinge, K. M.**, Ng'ang'a, S. I., & Likavo, P. L. (2008). *An assessment of the applicability of crushed stone dust in concrete production as a waste management strategy*. Paper presented at the 2nd international Civil Engineering Conference on civil engineering and sustainable development. Published pages 249-260 , SUN and Sands beach Mombasa.
34. Muguthu, J. N., **Kitaiinge, K. M.**, Kariuki, S. I., Dimo, H., & Okemwa, P. (2007). Just in Time manufacturing Techniques: Position of metal

- manufacturing industries in Kenya. 2006 JKUAT Scientific, technological and industrialisation conference: Theme: harnessing scientific and technological synergies for innovation and rapid industrialization, 1(2006), 795-803.
33. **Kitaiinge, K. M.**, Nganga, S. I., & Muguthu, J. N. (2007). Equitable participation in automotive program design: The two opposed cases. 2006 JKUAT Scientific, Technological and Industrialisation conference: Theme: Harnessing scientific technological synergies for innovation and rapid industrialisation, 2006(1), 652-662.
 32. **Kitaiinge, K. M.** (2004). Teamwork in meeting a common goal: Reflections from a past learning experience. *Learning for Innovation in Technology Education: 3rd Biennial International conference in Technology Education*, 2, 113-122.
 31. **Kitaiinge, K. M.** (2004). International comparison research methodology. *Doing, Thinking and activity learning: 12th Annual International Conference on Post-Compulsory Education and Training, Volume 2*, 1-7.
 30. **Kitaiinge, K. M.** (2004). Reforming education and training? Lessons from development of vocational education and training in Kenya. *Australian journal of adult learning*, Volume 44(Number 1), 44-61.
 29. **kitaiinge, K. M.** (2004). Is institution based training for the future in the automotive industry? What the trainees have to say. *The seventh Australian VET Research Association Conference: "Learner and Practitioner: the Heart of the Matter"*, Available on the internet at http://www.avetra.org.au/Conference_Archives/2004/documents/P_A2003Kitaiinge.pdf.
 28. Chalapati, S., & **Kitaiinge, K.** (2004). Issues, difficulties and lessons from conducting international research: a report of two cases. *Doing, thinking, activity, learning: 12th Annual International Conference on Post-Compulsory Education and Training*, 1, 75-82.
 27. Syomwene, A., & **Kitaiinge, K. M.** (2003). Various schools of Philosophical thought about the subject matter that should be included in the early years of schooling curriculum. *Reimagining Practice - Researching change: First international conference on cognition, languages and special education research.*, 3, 112-121.
 26. Syomwene, A., & **Kitaiinge, K. M.** (2003). An evaluation of the special schools' curriculum for students with mental retardation in Kenya. *First international conference on cognition, language and special education Research: Reimagining Practice - researching change*, 3, 97-111.
 25. **Kitaiinge, K. M.** (2003). An analysis of institution-based training and work in the automotive industry: The polygon analogy. *Enriching Learning Cultures: 11th Annual International Conference on Post-Compulsory Education and Training*, 2, 109 -120.
 24. **Kitaiinge, K. M.** (2003, 1-3 December 2003). *Vocational Education and Training in Kenya: Lessons for others*. Paper presented at the Enriching Learning Cultures: 11th Annual International Conference on Post-Compulsory Education and Training, Gold Coast, Crown Plaza, Suffers

- paradise; Queensland, Australia.
23. **Kitaiinge, K. M.** (2003). Voices of the stakeholders: A case of power mechanics in Kenya. *International Journal of Training Research, volume 1(2)*, 21-39.
 22. **Kitaiinge, K. M.** (2003). Education and training for Work: A comparative study of Kenya and Victoria, Australia. *AVETRA: The changing face of VET*, available at the internet through http://www.avetra.org.au/abstracts_and_papers_2003/refereed/Kitaiinge.pdf.
 21. **Kitaiinge, K. M.** (2002). Significant research problems relating to teaching. *Learning in Technology Education : Challenges for the 21st century - 2nd Biennial International conference in technology education, (1)* 263-271.
 20. Brown, M., & **Kitaiinge, K. M.** (2002). Learning, teaching and curriculum development across a dual sector University: A selective review of literature. *10th annual international conference on post compulsory education and training: Envisioning Practice - Implementing change, one*, 179 - 185.
 19. **Kitaiinge, K. M.**, & Ng'ang'a, S. I. (2007). *Management of Module II Universities education programs in Kenya. A research study commissioned by and submitted to the Kenya Institute of Management. Kenya Institute of Management (KIM), November, 2007.* Nairobi: Kenya Institute of management.

Refereed conference proceedings

18. Momanyi, S. K., & **Kitaiinge, K.** (2010, January 20th-23rd 2010). *Mentoring; can this strategy be cure to gender imbalance in the ICT sector in a developing country.* Paper presented at the 1st international gender symposium: Gender Research inform practice, Moi University, Sirikwa Hotel.
17. Maina, M., Khamasi, W., Kiplagat, H., Karei, R., **Kitaiinge, K.**, & Kipsoi, E. (2010, January 20th-23rd 2010). *Forced marriage among adolescents: A qualitative analysis of school going children's narrative.* Paper presented at the 1st international gender symposium: Gender Research inform practice, Moi University, Sirikwa Hotel.
16. **Kitaiinge, K. M.**, Tarus, D. K., Nganga, S. I., & Kemboi, A. K. (2009, 4th-8th August 2009). *Learning company for sustainable development.* Paper presented at the 5th Annual international conference: reserach and jknowledge dissemination towards the building of healthy and socio-economically stable Nations, Moi University, Main manpus Library.
15. **Kitaiinge, K. M.**, Gathuthi, E. W., & Ng'ang'a, S. I. (2008, 29th July - 1st August 2008). *The cost of University Education: A Stumbling block to youth liberation and self-reliance.* Paper presented at the Moi University 4th annual international conference 29th July - 1st August 2008., Moi University Eldoret.
14. **Kitaiinge, K. M.**, & Syomwene, A. K. (2008, 29th July - 1st August 2008). *The Development of Meaning Making Procedures in Education and*

- Training and Its Implications to the Achieving of Expertise and Perfection.* Paper presented at the Moi University 4th annual international conference .29th July - 1st August 2008, Moi University, Eldoret.
13. **Kitaiinge, K. M., & Syomwene, A. K.** (2008, 29th July - 1st August 2008). *Opportunities and challenges to the Application of the learning company strategies to Universities in Kenya.* Paper presented at the Moi University 4th annual international conference .29th July - 1st August 2008, Moi University, Eldoret.
 12. **Kitaiinge, K. M., Syomwene, A. K., & Kindiki, J. N.** (2008, 29th July - 1st August 2008). *Challenges and Barriers Facing the Actualization of Distance Education as a flexible Learning Model in Africa and Their Possible Solutions.* Paper presented at the Moi University 4th annual international conference .29th July - 1st August 2008, Moi University, Eldoret.
 11. Ng'ang'a, S. I., **Kitaiinge, K. M.,** Kiarie, J. N., & Singoei, P. (2007, 10th - 11th April 2007). *Managing Secondary Schools Science Congress for enhancing creativity and innovation among prospective small and micro entrepreneurs.* (Abstract available at <http://www.kaeam.or.ke/abtsracts/65.htm>). Paper presented at the Educational management and Leadership: Perspectives, research and Challenges, Eldoret, Kenya.
 10. Ndiku, J. M., & **Kitaiinge, K. M.** (2007, 10 - 11th April, 2007). *Self Evaluation: The making of an effective school.* (Abstract available at <http://www.kaeam.or.ke/abtsracts/83.htm>). Paper presented at the Educational management and Leadership: Perspectives, research and Challenges, Eldoret.
 9. **Kitaiinge, K. M., & Nguthari, E. J. N.** (2007, 10th- 11th April 2007). *Justification of teams and team building in learning institutions.* (Abstract available at <http://www.kaeam.or.ke/abtsracts/63.htm>). Paper presented at the Educational management and Leadership: Perspectives, research and Challenges, Eldoret, Kenya.
 8. **Kitaiinge, K. M., & Sempele, C. L.** (2007, Eldoret: 10 - 11th April, 2007). *Change and Time management.* (Abstract available at <http://www.kaeam.or.ke/abtsracts/62.htm>" Educational). Paper presented at the Management and Leadership: Perspectives, research and Challenges in Kenya.
 7. **Kitaiinge, K. M.,** Ndiku, J. M., & Syomwene, A. K. (2007, 10-11th April, 2007). *Multiple intelligences theory and its implications to school management and leadership* (Abstract available at <http://www.kaeam.or.ke/abtsracts/74.htm>). Paper presented at the Educational management and Leadership: Perspectives, research and Challenges, Eldoret.
 6. **Kitaiinge, K. M.,** Muguthu, J. N., & Syomwene, A. K. (2007, 10 - 11th April, 2007). *Just in time technology: What issues are related to institutional management?* (Abstract available at <http://www.kaeam.or.ke/abtsracts/73.htm>). Paper presented at the Educational management and Leadership: Perspectives, research and Challenges conference, Eldoret Kenya.

5. **Kitaiinge, K. M;** Tarus, D. K., Nganga, S. I., & Basweti, D. (2006, 29th Aug.-2nd Sept. 2006). *Paucity Of Medium Size Manufacturing Enterprises In Kenya: Challenges And Development Strategies In Industiral Development*. Paper presented at the Moi university international conference, Moi university.
4. Ng'ang'a, S. I., & **Kitaiinge, K. M.** (2006). *The Mobility and Technological Development of Small Furniture Production Enterprises (SFPEs) In Kenya*. Paper presented at the ATWS, WUCST.
3. Nganga, S. I., **Kitaiinge, K. M.**, Kiarie, J. N., & Tarus, D. K. (2006, September 14th and 15th 2006). *Innovation and Sustainable Technological Development: The Case Study Of The Jua Kali Demonstrated Through Traditional Folding Chair*. Paper presented at the 9th International Conference on African Entrepreneurship and Small Business Development (ICAESB).
2. **Kitaiinge, K. M.**, Ng'ang'a, S. I., & Kithyo, I. M. (2006, September 14th - 15th 2006). *Promoting relevance in the training of Motor Vehicle Mechanics (MVM) in relation to technological changes and competitive working conditions: Cases of Kenya and Australia*. Paper presented at the 9th International Conference on African Entrepreneurship and Small Business Development (ICAESB), White sands, Dar Es Salaam
1. **Kitaiinge, K. M.** (2003, 17th -19th September 2003). *Organization of education and training in Australia: Possible lessons for third world countries*. Paper presented at the International conference of the Kenya chapter association of third world studies, Kenyatta Univesity, Kenya.

E: Scholarships and awards

6. **2007/8** Won an IVETA grant to conduct research on Technology education. Value of the grant was US\$ 2400. Report submitted in November, 2008.
5. **2007** Together with another consultant, competitively won a research award to undertake a project research project "An Investigation Into The Strengths, Issues, Challenges And Possible Areas Of Improvement In Module the management of ii University Education In Kenya" . The research funding for the consultancy was of the tune of 479,000/= . Research report was submitted in a workshop at the KIM on 21/09/2007.
4. **2002-2005: International Postgraduate Research Scholarship (IPRS):** This is a scholarship administered by the Australian government. This scholarship is competitively awarded to the world's outstanding and upcoming scholars. I was among the awardees of this scholarship.
3. **2003:** I was awarded the Royal Melbourne Institute of Technology (RMIT University) International students' travelling grants after being nominated as the overall best research student
2. **2002:** I was awarded the Royal Melbourne Institute of Technology (RMIT University) exemplary students' conference funding grants.

This money assisted in the attendance of international conferences within Australia.

- 1 **1995-96:** I was awarded a Moi University scholarship to study for the master of philosophy degree.

F: Thesis

1. **Kitainge, K. M. (2005)** *Balancing the forces: the development of relevant training that aligns to the work demands in automotive retail, service and repair industries in Kenya and Australia.* Unpublished PhD thesis. RMIT University. Melbourne, Australia.
2. **Kitainge, K. M. (1997).** Attitudes of trainers and trainees towards the 8.4.4 Power Mechanics secondary schools' course in Kenya. Unpublished Master of philosophy thesis, Moi University, Eldoret.

G: Referees

1. **Prof. B.W. Kerre,**
Moi University,
P.O Box 1125,
Eldoret.
2. **Dr. Isaac M. Kithyo**
Moi University, Chepkoilel
P.O Box 1125, Eldoret.
3. **Dr. P. Okemwa.**
HOD, Technology Education
P.O box 1125, ELDORET
4. **Dr. Wanjiku Khamasi,**
Director, IGERD
Moi University
P.O Box 3900
Eldoret.
5. **Prof. Jack Keating,**
Deputy Director,
Centre for Post Compulsory Education and Life Long Learning
The University of Melbourne,
Victoria 3010, Australia
E mail: jkeating@unimelb.edu.au