

School of Computing and Informatics

MSc Projects 2012

MSc Information Systems

	Regno	Names	Gender	Title	Supv
1	P56/70521/2007	ITERE BENSON MAINA	M	Kenya universities framework for e-waste management	Mr Samuel Ruhiu
2	P56/P/8298/2004	OBURE CLEMENT ODEKA	M	Develop a database system model that would enhance food distribution in Kenya	Mr Lawrence Muchemi
3	P56/P/9303/2001	KYENGE B. M.	M	Implementation of a decision support system in examination processing	Mr Christopher Moturi
4	P56/7549/2006	MBUGUA PURITY NJERI	F	Internet Child Safety	Mr Andrew Mwaura
5	P56/P/8344/2003	KIHUHA CYRUS KAMAU	M	Distributed System Firewall Intrusion Monitoring And Reporting Using E-Mail And Sms.	Mr Andrew Mwaura
6	P56/70022/2007	ODHOCH JACK OTIENO	M	Conceptual Framework For Accessible Effective Devolved Funds Information To Citizens: A Case Study Of Kenya Constituencies Development Fund.	Dr Daniel Orwa
7	P56/71224/2008	WAMBUGU GEOFFREY MARIGA	M	Testing Validity of Wausi's Hybrid Framework of Implementation of Information Systems Innovations: Case of Kenyan Higher Education Institutions	Dr Agnes Wausi
8	P56/60187/2010	IRERI DAISY MBUCU	F	Weather Monitoring Systems Using Wireless Sensor Networks.	Mr Christopher Moturi
9	P56/60217/2010	ATIENO LOICE VICTORINE	F	Framework For Enhancing Information Availability And Access At Grass-Root Level	Mr Christopher Moturi
10	P56/61310/2010	GAITHO PETER NJOGU	M	Framework For Implementation Of Electronic/Continuous Auditing System In The Public Sector (A Case Study Of The Kenya National Audit Office-Kenao)	Mr Christopher Moturi
11	P56/72444/2008	KARUGU GODFREY CHEGE	M	A Model IT Contingency Plan for a University: Case of UoN	Mr Christopher Moturi
12	P56/P/8294/2004	EMURUGAT ALFRED	M	Data Warehousing In Public Universities	Mr Christopher Moturi
13	P56/61303/2010	MBITHI NICHOLAS MULEI	M	Framework For Securing An Organization'S Information Technology (IT) Resources In The Public Sector	Dr Daniel Orwa
14	P56/61307/2010	KINGARA JOHN GITHAIGA	M	A Framework For Post-Implementation Evaluation Of Information Systems: The Case Of Ifmis In Kenya	Dr Daniel Orwa
15	P56/61308/2010	OGOLA GEORGE ODERO	M	Exploring Factors Affecting Kenya'S Tax Practitioner'S Usage And Adoption Of Online Tax Filing And Payment System	Dr Daniel Orwa
16	P56/71105/2008	WANGANGA GICHUHI	M	A Framework For Integrating Ict In The The Teaching And Learning Process In Primary Teacher Training Colleges In Kenya.	Mr Joseph Ogutu

17	P56/61305/2010	MUTUA JESSE NGUGI	M	A Framework For Evaluating Mobile Learning (M-Learning)Systems In Kenya	Prof Peter Waiganjo
18	P56/78868/2009	RONOH JONATHAN	M	Factors Affecting Adoption Of Voice Over Internet Protocol (Voip) And Other Converged Ip Services In Kenya. (A Case Study Of Telkom Kenya Ltd)	Prof Elijah Omwenga
19	P56/P/8144/2003	MAINGI JULIUS KAIRITHIA	M	Web Based Genetic Algorithm Mediated Polytopes Optimization System.	Mr Lawrence Muchemi
20	P56/60449/2010	NDITHI HENRY KIVUVA	M	A Framework For Water Quality Management Using Geospatial Information Systems (Gis) Data Mining: Case Of Nairobi River	Mr Andrew Mwaura
21	P56/7525/2006	GICHIRA CHARLES MACHARIA	M	A Framework ForAdoption of Open Source Software (OSS) by Organizations in Kenya	Mr Andrew Mwaura
22	P56/60210/2010	MAKUMBI LEONARD KAVEKE	M	An Analysis Of Information Technology (It) Security And The Adoption Of Security Policies: A Case Study Of Kenyan Small And Medium Enterprises (Smes).	Mr Evans Miriti
23	P56/61311/2010	KOMBE HUSSEIN MARIAKA	M	Computerized Auditing In Public Sector Enterprises:A Study Of Kenya Government National Audit Office(Kenao)	Dr Robert Oboko
24	P56/P/7295/2005	KATHALE PAUL MUTINDA	M	Impact Of Quality Of Web Service On Consumer Perception Toward Adoption Of E-Service Delivery Technologies Among Online Kenyan Consumers	MS Christine Ronge
25	P56/60147/2010	RABALA PAUL O. H.	M	A Mobile Phone Supported Fish Marketing Solution For East African Community: Case Study Of Muhuru Bay In Kenya And Kirongwe In Tanzania.	Mr Stephen Mburu
26	P56/60216/2010	MUTUA CECILIA WAVINYA	F	Intelligent Mobile-Based Advertising:Assessing The Readiness Of The Kenyan Market	Mr Stephen Mburu
27	P56/60663/2010	GISIORA DICKSON OCHOKI	M	Disaster Preparedness And Business Continuity Planning, The Case Of The Integrated Financial Information System (Ifmis) Used By Government Departments In Kenya.	Mr Stephen Mburu
28	P56/71117/2008	MBUNYA TITUS NYAKUNDI	M	Application Of The Theory Of Planned Behavior Framework In Assessing The Factors That Influence The Usage Intention Of A Mobile Phone To Access Internet In Kenya	Mr Samuel Ruhiu
29	P56/71908/2008	MUNGA ALPHONSE KINGORI	M	Adoption of mobile Internet in Kenya:An empirical study	Mr Samuel Ruhiu
30	P56/P/7631/2005	NJAGI ANNE WANJIRU	F	Towards A Knowledge Management/Repository Framework:Case Tsc	Mr Samuel Ruhiu
31	P56/70488/2007	CAROLINE WARUI	F	An intelligent backoff scheme for IEEE 802.11 wireless LAN	Mr Eric Ayeinga
32	P56/P/9110/2001	NDAMBUKI CHRIS	M	Software Metrics and Measurements and their Application in the Software Process--A case study of the Kenyan Software Industry	Dr Daniel Orwa
33	P56/P/8259/2001	KAMUNYA SAMUEL	M	Mobile agents in network Management	Mr Eric Ayeinga

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34	P56/8278/2001	GITHEHU KINU	M	Enterprise Application Integration Using Web Services	Mr Andrew Mwaura
35	P56/70289/2007	GICHUHI JOSEPH	M	Inter-Carrier Mobile Content Management Platform (A Case Study For The Kenyan Mobile Sector)	Dr Tony Omwansa
36	P56/61306/2010	KURIA DANIEL NYAGAH	M	The Digital Divide: Degree Of ICT Accessibility By The Visually Impaired.	Mr Lawrence Muchemi
37	P56/70452/2007	SIGEI DANIEL KIPNG'ETIDGE	M	Enterprise Information Security Architecture: A Survey Of The Prevalent Models	Mr Andrew Mwaura
38	P56/61070/2010	KAMAU PAUL CHEGE	M	Forecasting Foreign Exchange Rates	Mr Evans Miriti
39	P56/7362/2006	OTIENO HAGGAI BENJAMINE	M	Use of appropriate ICTs in attaining food security in Kenya	Mr Christopher Moturi
40	P56/71051/2008	OLAL WILFRED OCHOLAH	M	A Framework For e-Service Development For Government Of Kenya	Mr Christopher Moturi
41	P56/60540/2010	ISHMAEL NICODEMUS AKETCH	M	Evolving Role of eCRM In Telecommunication Companies A Case Of: Orange Kenya	Mr Joseph Ogutu
42	P56/P/7866/2002	MUTUA JOYCE	F	text mining user defined data from document repositories	Mr Lawrence Muchemi
43	P56/P/7779/2005	OROKO LOIS KERUBO	F	Transformational IT Governance Case Study Of Mobile Government Adoption In Kenya	Mr Samuel Ruhii
44	P56/P/7937/2004	NDIGIRIGI ALEXANDER NDUNGU	M	E-Learning Development in Kenya An Empirical Analysis of Critical Factors that Affects Learners' Satisfaction in E-Learning	Dr Robert Oboko
45	P56/60593/2010	NDEGWA STANLEY KIAMA	M	A Model For Assessing Curriculum Implementation, Monitoring And Evaluation In Secondary Schools	Mr Stephen Mburu

MSc Computer Science

	Regno	Names	Gender	Title	Supv
1	P58/70767/2008	KURIA JANE NYAMBURA	F	Mobile-Learning(M-Learning) Implementation In Kenyan Primary Schools	Dr Robert Oboko
2	P58/8918/2006	KAMAU SHARON WANJIRU	F	A Contextual Weather And Climate Broadcasting System For Mobile Phone Users In Western Kenya	Dr Daniel Orwa
3	P58/72927/2009	ABUODHA LUCY ATIENO	F	Agent Based Learning Support System	Dr Robert Oboko
4	P58/73002/2009	GATHIA ISAAC GACHUGU	M	Rapid Business Application Development Framework	Prof Elijah Omwnga
5	P58/62274/2010	KINUTHIA JORAM NDUATI	M	A model for the Automation of the Dairy Supply Chain in Kenya	Prof Peter Wainganjo
6	P58/72924/2009	WANYAMA EDWIN NGERO	M	Open Source Spell Checker For Luhya - Wanga Dialect	Prof Peter Wainganjo
7	P58/70475/2008	OBARE STEPHEN OTIENO	M	Performance Evaluation Of Scalable Ip-Address Lookup For Ipv6	Mr Eric Ayienga
8	P58/9084/2006	SIDEDE VINCENT ODHIAMBO	M	A Dynamic E-Commerce Model Using Multi Agent Systems	Dr Elisha Opiyo
9	P58/70843/2008	MURERWA EMILY GAKII	F	Knowledge Management In Organizations; A Prototype	Dr Elisha Opiyo
10	P58/8950/2006	TOO EDNA CHEBET	F	Sms(Short Message Service)-Based Livestock Disease Diagnosis Expert System	Mr Lawrence Muchemi
11	P58/73285/2009	NDUNG'U BONIFACE KARIUKI	M	Dynamic Load balancing Middle-ware For Heterogeneous Database Clusters	Dr Tony Omwansa
12	P58/70472/2008	ADONGO MICHAEL ONDEJA	M	Automated Multiagent-Based Interoperator Billing And Payment System.	Mr Eric Ayienga
13	P58/73620/2009	ONYANGO PASCHAL ODHIAMBO	M	Maize Crop Growth Monitor Through Reinforced Learning Agents	Dr Robert Oboko
14	P58/72874/2009	WAHU LEONARD GICHUHO	M	A Model For Location Based Services Application Design	Dr Daniel Orwa
15	P58/70489/2008	MULONZYA PAUL KALOKI	M	Conceptual Modeling Of Malware Spread In Computer Networks	Mr Eric Ayienga
16	P58/61495/2010	BITTA FREDRICK OBIERO OKOTH	M	A Multi-Agent Model For User Access Rights Review and Audit	Mr Christopher Moturi
17	P58/61592/2010	OBUHUMA JAMES IMENDE	M	A GPS Server With Data Mining And Road Mapping	Mr Christopher Moturi
18	P58/61616/2010	MAIYO SILAS KIBET	M	Use of MapReduce Technique for Data Mining: Case of Teachers' Web Portal	Mr Christopher Moturi
19	P58/61543/2010	CHEGE KENNEDY RUEWEL MUCHAI	M	Development of an Optimal Bank Teller Staffing Model based on Customer Trends	Mr Lawrence Muchemi
20	P58/61712/2010	IKUNYUA EDWIN KIMATHI	M	A Named Entity Relation Extractor for Unstructured Text Incident Reports	Mr Lawrence Muchemi
21	P58/74282/2009	MULUNDA CHRISTINE KAGONYA	F	Using Genetic Algorithm For Image Steganography	Prof Peter Wainganjo
22	P58/61691/2010	NDEKE ANGELA MBULA	F	Use espeak on Android and PC for Diary Farming Apps using Swahili Language	Prof Peter Wainganjo

23	P58/70504/2008	KIRUI RONALD KIPYEGON	M	Agents Based Control And Coordination For A Distributed Wireless Sensor Network To Maximize Field Life.	Mr Eric Ayienga
24	P58/62085/2010	MULONGO ABIUD WAKHANU	M	Energy Efficient Communications in Ad Hoc Wireless Sensor Networks for Environmental Monitoring	Mr Eric Ayienga
25	P58/73083/2009	KIVINDA JUSTINA MWIKALI	F	Multiagent based Reporting and Registration of Deaths in Kenya	Dr Elisha Opiyo
26	P58/61814/2010	MWANGI ZACHARIAH MUNYORO	M	Crop Health Feedback System For Farmers	Dr Elisha Opiyo
27	P58/73013/2009	YOGO JAMES ORIWO	M	Mobile Agents Intrusion Detection System for Cloud Computing IaaS	Dr Elisha Opiyo
28	P58/73125/2009	LIMO PENINAH JEPKEMBOI	F	Student Perception on a web-Based Resource Access from Cloud computing using mobile devices	Dr Elisha Opiyo
29	P58/8961/2006	MAINA SOLOMON THUO	M	Learning Functions For Job Scheduling In Computational Grids	Dr Elisha Opiyo
30	P58/72972/2009	KANG'ETHE ALEX NJOROGE	M	Adoption And Use Of Enterprise Reporting Systems At Mt. Kenya Bottlers Using Actuate And Birt	Dr Tony Omwansa
31	P58/61426/2010	NJUGUNA PETER NGERU	M	GPS Based Motor Vehicle Accident Detection and Reporting Solution	Mr Andrew Mwaura
32	P58/62440/2010	KAYEMBE SAMSON MUDIMBI	M	Human posture recognition and good posture recommendation	Mr Evans Miriti
33	P58/70491/2008	KARANJA EDWIN NJUGUNA	M	Questionnaire processor.	Mr Evans Miriti
34	P58/61647/2010	KING'OINA JANET MARANGA	F	Strategic Interventions that are needed to assist the Kenya Government move towards the development and use of Open Source applications and creative commons licensed open content.	Dr Wanjiku Nganga
35	P58/61467/2010	ONSAKIA DAVIS MAUTI	M	A business model for encouraging citizens to open up their personal data for anonymous statistical use	Dr Wanjiku Nganga
36	P58/61858/2010	NGOIYA HUMPHREY KAMUYU	M	A seamless device independent automated service delivery layer for public application	Dr Wanjiku Nganga
37	P58/70982/2008	CHOGE JOSPHAT KIPCHUMBA	M	Online Neuro-based Credit Evaluation Model using Artificial Neural Networks and Genetic Algorithm	Dr Robert Oboko
38	P58/61699/2010	MARUBE ABEDNEGO MOGIRE	M	Content Specific Android Framework To Support Formal And Informal Context Aware Ubiquitous Learning.	Dr Robert Oboko
39	P58/61969/2010	ADEDE CHRISGONE OTIENO	M	Content Specific Android Framework To Support Formal And Informal Context Aware Ubiquitous Learning.	Dr Robert Oboko
40	P58/62236/2010	CHEMWENO KIPROTICH	M	Agricultural Markets Monitoring System in Kenya	Dr Robert Oboko
41	P58/61424/2010	AYOMA MERCY ACHIENG	F	Data Warehousing through multi-agent systems in credit card business	Dr Robert Oboko

42	P58/61780/2010	KANGETHE MICHAEL MAIGWA MARTIN	M	Surveilance strategy using a cross varriation of backpropagation and KNN for radio based networks	Dr Robert Oboko
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