CURRICULUM VITAE

Dr. Richard Kipkemoi Ronoh (PhD)

P. O. Box: 2239 - 20200, Kericho, KENYA
Email: **rronoh@kibu.ac.ke**

Alternative email: **rrkemoi@gmail.com**

Mobile:
 +254 720 700 351 /
+254 0719 816 329

Personal Data

Sex: Male
Religion: Christian
DoB: 22/10/1966
Marital Status: Married
Nationality: Kenyan

Career Objective

To participate in a reputable organization or institution, where my expertise and intellect would facilitate the realization of its mission and vision as I expand my scope in research, professional growth and training.

Education

Period	Institution	Level	Course	Major/Specialization
2015-2018	Kibabii University	Doctorate	PhD (IT)	Wireless Communication Technologies
2004-2006	Moi University	Masters	Technology Education	Electrical and Electronics Technology
1989-1992	Moi University	Bachelors	Technology Education	Electrical and Electronics Technology
1987-1988	Kericho High School	"A"	K.A.C. E	Mathematics, Physics & Chemistry
1983-1986	Kericho High School	"O"	K.C.E	Sciences

Professional/Working Experience	
2015 Feb-to-date	**Lecturer** **Kibabii University** **Department of Computer Science**
2010-to-2014	**Assistant Lecturer** **Masinde Muliro University of Science and Technology,** **Department of Computer Science**
2008-to-Date	**Teaching** ❖ Electronics and Communication based courses
2006-2009	**Lecturer, (Teachers' Service Commission)** Eldoret Polytechnic Department of Electrical and electronics Engineering
1993-2004	**Teacher, (Teachers' Service Commission), Kabianga High School**

RESEARCH INTERESTS

- ❖ Wireless Communication Technologies
- ❖ ICT Integration in Teaching and Learning
- ❖ Digital Signal Processing
- ❖ Data Communication and Networking
- ❖ Low Power Energy Harvesting – Making the Difference with ICT Energy Efficient Power Management
- ❖ TVET provision, Equity and Access

UNIVERSITY RESPONSIBILITIES

12TH June, 2019 to date: School Timetable Coordinator, SCAI, Kibabii University

24th-26th July, 2019: In charge of responsibilities of the office of the Dean SCAI

September 2018 to date: 2018 First Year Class Advisor, Computer Science, Kibabii University

24thFeb.-10th March, 2015: In charge of the office of the CoD, Computer Science, Kibabii University.

12th Oct. 2010-15th Feb. 2015: Secretary to the Departmental Academic Board, Computer Science, Masinde Muliro University of Science and technology

23rd Sept.2014-15th Feb. 2015: 2014 First year Class Advisor, Computer Science, MMUST

13th Jan., **2014:** Convener to review BSc. Computer Science Programme

CONFERENCE S/SEMINARS/WORKSHOPS ATTENDED

- ❖ 14th-15th February, 2019: Participated in Digital Content Development training by Captiva International Limited
- ❖ 11th-19th December, 2018: Participated in the Faith and Science Tachers' Conference (FSC) held at Gahogo Adventist Academy, Muhanga-Rwanda
- ❖ 23rd -24th October, 2018: Participated in the Educational Workshop in Kibabii University: Enhancing learning Outcomes through the Application of 21st Century pedagogies in the provision of University Education and Embracing the New Competence Based Curriculum.
- ❖ 6th September, 2018: Attended an Awareness training based on Information management Systems organized by Kibabii University
- ❖ **Ronoh K. R**., Mbugua S. and Wabwoba, F**.** (2016) *Innovative Phone Features Driving Mobile Phone Usage by Students.* At the first International Conference on "Transformative Leadership for Societal Empowerment in the 21st Century" held at Kibabii University on 22nd - 24thJune 2016.
- ❖ 18th-22nd May, 2016: Participated in oracle Java programming Refresher Course by Oracle Academy, Kenya
- ❖ Jan 23-24, 2014: Participated in the University Multiplication training Workshop on Curriculum Development and Review for Public Universities in Kenya: Implementation and Accreditation, held at MCU, MMUST, in Kakamega, Kenya.
- ❖ July 29th –August 1st 2008: Presented a paper on Challenges Facing youth polytechnics in Kenya at Moi University 4th Annual International conference on Resource Utilization for Sustainable Growth and Development in the 21st Century.
- ❖ October 26th and 27th 2008: Participated in a Curriculum Development Workshop Organized by Marist International College, Constituent College of the Catholic University of Eastern Africa.

UNIVERSITY LEVEL BOOK PUBLICATIONS

Mbuguah, S., **Ronoh, K.R**. and Wabwoba, F. (2020) Digital Electronics, Kibabii University press, ISBN 9966-59-051-X

PUBLICATIONS

- Asenahabi, M.B., Busula, A.O. and **Ronoh, K.R.** (2019). A choice Dilemma in Selecting an Appropriate Research Design: International journal of Advanced Research in Compute Engineering and Technology (IJARCET), 8(8), pp348-356, ISSN: 2278-1323
- Simiyu P. W., Wabwoba F**.** and **Ronoh R.** (2019). A critical Evaluation of the environmental effects of the existing E-waste management practices in Kenya. International Journal of Multidisciplinary Research and Publications (IJMRAP) 2(6): 1- 4 ISSN: 2581-6187
- **Ronoh, K.R.,** Mbugua, S. & Wabwoba, F., (2018). Factors Influencing the Selection of   Mobile Phone among University Students in Kenya. International Journal of Innovative Research and Advanced Studies (IJIRAS) Volume 5 Issue 5 May 2018. ISSN: 2394-4404
- **Ronoh, K.R**., Mbugua, S. & Wabwoba, F., (2018). Innovative Features Driving Mobile Phone Usage by Students in Kenya. *International Journal of Modern Trends in Engineering and Research (IJMTER) Volume 05, Issue 1, [January– 2018]* ISSN (Online):2349–9745; ISSN (Print):2393-8161
- Mutai, W.K., Wanami S., Kanyeki F., **Ronoh R.** (2018). Potential for Saving Electric Energy Consumption by Lighting Loads at Universities in Kenya through Application of Energy Saving Techniques. *International Journal of Modern Trends in Engineering and Research (IJMTER) Volume: 5, Issue: 03, [March– 2018]* ISSN (Online):2349–9745 ; ISSN (Print):2393-8161. DOI:10.21884/IJMTER.2018.5095.E06EC
- Rotich, P.K., **Ronoh, R.K**. and Mubichakani, J.M. (2018). Attitude towards Computers among Primary School Teachers in Kenya: A Case of Siongiroi Divison, Bomet County. *International Journal of Engineering and Computer Science ISSN:2319-7242, Volume 7 Issue 2 February 2018, Page No. 23596-23605, Index Copernicus Value (2015): 58.10, 76.25 (2016) DOI: 10.18535/ijecs/v7i2.13*
- Mutai, W.K., Wanami S., Kanyeki F., **Ronoh R.** (2018).Level of Awareness of Energy Saving Measures of Electricity Users at Universities in Kenya. *International Journal of Engineering and Computer Science ISSN:2319-7242, Volume 7 Issue 4 April 2018, Page No. 23875-23882 Index Copernicus Value (2015): 58.10, 76.25 (2016) DOI: 10.18535/ijecs/v7i4.13*
- Koech, W.K, and **Ronoh, R.K**. (2018). Levels of Supply Chain Management in the Manufacturing Sector. *International Journal of Modern Trends in Engineering and Research (IJMTER). Volume: 5, Issue: 03, [March– 2018]* ISSN (Online):2349–9745 ; ISSN (Print):2393-8161, DOI:10.21884/IJMTER.2018.5081.2VJMU
- Koech, W; **Ronoh K. R**., (2016). Benefits of Supply Chain management in the manufacturing Sector. International Journal of Science and Research (IJSR) ISSN (Online): 2319-7064 Index Copernicus Value (2015): 78.96 | Impact Factor (2015): 6.391
- Koech, W; **Ronoh K. R**., (2016). Challenges Faced in the Implementation of Supply Chain Management in the Manufacturing Sector. International Journal of Science and Research (IJSR) ISSN (Online): 2319-7064 Index Copernicus Value (2015): 78.96 | Impact Factor (2015): 6.391
- **Ronoh, K R**, Mutai, W., Koech, W., Kitainge, K (2014). Critical Factors Affecting Enrolment in Kenyan Youth Polytechnics In: *The International Journal of Science & Technoledge.* (ISSN 2321 – 919X)
- **Ronoh, K R**. (2014). Usage Patterns of Mobile Phones Amongst University Students in Kenya In: International Journal of Science and Research; Online E- Journal, ISSN: 2319-7064 **www.ijsr.net**
- Koech, W., **Ronoh, K R**, Mutai, W., Kitainge, K (2014). Components of supply chain Management in the Manufacturing sector In: International Journal of Scientific and Engineering Studies (IJSRES)
- W Kiprotich, O Ogeta, C Wosyanju and **R, K Ronoh** (2009). Electrical Safety challenges in the Kenyan Informal Sector: A Case Study of Eldoret Jua Kali In: Journal of Agriculture, Pure and Applied Science and Technology (JAPAST) vol.4 pp.27-31, (2009), Moi University press.

COMPLETED SUPERVISED POSTGRADUATE WORK

Completed Master of science (Information Technology Thesis)
1. Simiyu W. P**.** (2019) *E-waste management system for environmental sustainability in Kenya* **(Kibabii University)**

ONGOING SUPERVISION POSTGRADUATE WORK

2018 Doctor of Philosophy in Information Technology
1. Roseline W. N. Simulating Augmented Reality Towards Enhancing a Paradygm Shift on Competence based Curriculum in Kenya, **(Kibabii University, Kenya))**
2018 Masters of Science in Information Technology

1.	Angwenyi, C. A. : Application of Blockchain technology in the Management of Academic Records in Public Universities in Kenya. (**Kibabii University, (Kenya)**)
2.	Dean, W.N.J.: Usability and Security as determinants of Implementing Bring Yopur Own devices in Kenyan Public Universities. (**Kibabii University, (Kenya)**)

POSTGRADUATE EXAMINED THESIS

1. Owoche P. O. (2019-**PhD**) *Online hotel branding based on the dialogic principles of Internet communication* (**Kibabii University, Internal Examiner**)
2. Simiyu W. P**.** (2019-**Masters**)*A framework for Unsecured Supplementary Service data technology for Secure Web-Based Electronic Voting System* (**Kibabii University, Internal Examiner)**

COMMUNITY SERVICE

1. 28th Sept. 2013-to Date: Chair, Board of Management, Marumbasi secondary school, Kericho County
2. 2019-to Date: Elder, Adventist Church, Marumbasi
3. 2013-to Date: Youth Sponsor, Marumbasi Adventist Church
4. 2014-to Date: Communication and Publishing Secretary, Marumbasi Adventist Church

Languages

- ❖ **English**
- ❖ **Swahili**

Professional Memberships

2014-to-date	Institute of Engineering Technologists and Technicians (IET)
2011-to-date	Association for Computing Machinery (ACM)
2004-to-date	International Technology and Engineering Educators Association (ITEEA)

Referees

Referee	Position	Organization	Telephone	Email
Prof. Franklin Wabwoba	Dean, School of Computing and Informatics	Kibabii University	0723-844-904	fwabwoba@kibu.ac.ke
Dr. Samuel Mbugua	ICT Director	Kibabii University	0717176356	smbugua@kibu.ac.ke
Dr. Betty Korir	HoD, Department of Mathematics and Computer Science	University of Eldoret	0719506850	Bettykorir2006@yahoo.com