CURRICULUM VITAE

BIO DATA

Name	BABIRYE NANTEZA LUCY
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Date of Birth	14 / 12/ 1988
Nationality	Ugandan
Religion	Catholic
Marital status	Married

PERSONALITY PROFILE

I am a motivated, active and outgoing individual, with excellent interpersonal, communication, explanation and innovation skills. I have complete knowledge of current trends in Information Technology and computer science which I can deliver using a variety of techniques irrespective of the number of students. I am a quick learner and a team player with a professional attitude to handle issues with utmost integrity

EDUCATION BACKGROUND

Period	Institution	Award
2025- on going	Mbarara University of Science and Technology	PHD in Computing
2025- Ongoing	Open University of Kenya	Post Graduate Diploma in Learning Design and Technology
2013-2015	Uganda Martyrs University	Master of Science in Information Systems
2008 –2011	Muteesa 1 Royal University	Bachelor of Information Technology
2006-2007	St Balikuddembe Senior Secondary School	Uganda Advanced Certificate of Education
2002-2005	St Balikuddembe Senior Secondary School	Uganda Certificate of Education

1995-2001	Equator Education Center	Primary Leaving Examinations

PROFFESIONAL EXPERIENCE

August 2019-Date: Department of Computer Science, Faculty of Science, Uganda Martyrs University

Post: Assistant Lecturer

- Facilitating courses assigned by the Head of Department from time to time
- Generate teaching and other educational materials
- Assess students, monitor their progress as well their attendance.
- Assist and guide students in their academic development and personal growth and counseling them in academic and social matters
- Conduct research in line with the university research policy
- Curriculum Review
- Participating in and initiating voluntary and activities and programs for the campus
- Carry out other duties as assigned by the head of department
- Supervise undergraduate research

Courses taught

- User interface Design and Development
- Systems analysis and Design
- Software Engineering
- Data structures and Algorithms
- Computer organization and architecture
- Object oriented Programming
- Discrete Maths
- Logic Programming
- E-commerce
- Operating systems
- Introduction to computer science and IT
- Programming Methodology three
- Website Development Technologies
- Information Systems and Databases

- Marketing in IT
- Database Programming

August 2018- August 2019: Faculty of Computing Sciences, University of Saint Joseph, Mbarara

Post: Assistant Lecturer (Part time Contract)

Duties and Responsibilities:

- ✓ Facilitate courses assigned by linking theory and practice in accordance with the curriculum
- ✓ Collaborate in the production and updating of teaching and other educational materials.
- ✓ Assess students, monitor their progress as well their attendance.
- ✓ Assist and guide students in their academic development and personal growth and counseling them in academic and social matters.
- ✓ Supervise undergraduate students research
- ✓ Supervise students during and after internships
- ✓ Promoting and disseminating research results as required
- ✓ Participating in and initiating voluntary and activities and programs for the campus
- ✓ Carry out other duties as assigned by the head of department
- ✓ Participate in University committees as required from time to time.

Courses taught

- Computer Applications
- Database Programming
- Web based Database Programming

August 2011- July 2019 (End of Contract): Department Of Information Technology, Faculty of Science, Art & Design, Muteesa I Royal University

Post: Teaching Assistant

Duties and Responsibilities:

- ✓ Assisted the lecturer in teaching in the areas allocated to me by the head of department
- ✓ Assisted the lecturer and the senior Lecturer as research assistant when they were conducting any research outputs, in line with the university's research policy and interests

- ✓ Supported in the development of learning materials such as preparing curriculums and visual aids and maintaining records to monitor students' progress, achievements and attendance.
- ✓ Aided in the development, planning and implementation of a high quality curriculum
- ✓ Helped the lecturer and senior lecturer during student conferences and conducting tutorials
- ✓ participated in e-learning programmes
- ✓ Assisted in the development, administration, marking and invigilation of examinations and other class assessments.
- ✓ Participated in faculty meetings, seminars and workshops aimed at skills development.
- ✓ Maintained my own professional skills development
- ✓ Performing any other duties assigned by my supervisors.

Course Units taught

1. Principles of programming(C)
2. Object Oriented Programming (VB)
3. Object oriented Programming II (Java)
4. Object Oriented programming III(C#)
5. Data structures with C++
6. Advanced object oriented Programming(Core Java)
7. Computer Networking
8. Database Programming
9. Introduction to Website design and the Internet
10. Scripting Languages
11. Client/Server Programming(PHP)
12. Database Management Systems
13. Fundamentals of Computing
14. Computer studies teaching methods
15. Introduction to information systems
16. Management Information Systems
17. Legal and Ethical Aspects of Computing
18. Computer Laboratory Management
19. Education information systems
20. Computer applications

August 2015- 2017(End of Contract): Department Of Information Technology, Faculty of Science, Uganda Martyrs University Nyamitanga Campus

Post: Lecturer

Duties and Responsibilities:

- ✓ Facilitate courses assigned by linking theory and practice in accordance with the curriculum
- ✓ Collaborate in the production and updating of teaching and other educational materials.
- ✓ Assess students, monitor their progress as well their attendance.
- ✓ Assist and guide students in their academic development and personal growth and counseling them in academic and social matters.
- ✓ Supervise undergraduate students research
- ✓ Supervise students during and after internships
- ✓ Promoting and disseminating research results as required
- ✓ Participating in and initiating voluntary and activities and programs for the campus
- ✓ Carry out other duties as assigned by the head of department
- ✓ Participate in University committees as required from time to time.

Course Units taught

i. Object Oriented Programming I(C++)
ii. Object Oriented Programming II(Java)
iii. Web based Database Development
iv. Programming Methodology II(PHP)
v. Programming Methodology III(VB)
vi. Database Planning and Management
vii. Database Management, Planning and Admin II
viii. Development Group Project I

2014-2016: Department of Information Technology, Faculty of Science, Art & Design, Muteesa I Royal University

Post: Coordinator IT incubation and Innovation Center

- ✓ improved on students research products in order to transform them into commercial products
- ✓ Created job opportunities for fresh graduates and encourage entrepreneurs
- ✓ Supported entrepreneurs, innovators and young graduates
- ✓ Undertook systems and manual process analysis, process design and Modeling for the Innovation center
- ✓ Carried out tests to ensure and improve the quality of the applications
- ✓ Monitored, analyzed and reviewed business processes to identify process gaps and to enable development of improvement strategies and IT systems

2012-up to 2015: Department Of Information Technology, Faculty of Science, Technology and Art & Design, Muteesa I Royal University

Post: Examinations Coordinator

Duties and responsibilities

- ✓ Assisted the Faculty to remind the Lecturers to set examinations and submit them for moderation
- ✓ Organized meetings for both internal and external moderation of examinations
- ✓ Processed Examinations(editing, Formatting, printing, packing and collating examinations)
- ✓ Formulated examination time tables and venues
- ✓ Ensured that invigilators were available at the right time and venue.
- ✓ Assisted the Head of department in making the examination process reports

Jul-Aug 2010: Ntulume village Women Development Association (NVIWODA)

Intern/ Web Administrator

Duties:

- ✓ Collected data for constructing the address list
- ✓ Constructed the address list
- ✓ Organized meetings and workshops venues.
- ✓ Business Report writing including those for workshops, trainings and for the Annual General Meeting and project proposals.
- ✓ Web 2.0 Development that is blogging and social Networking.

- ✓ I was the Technical support Personnel in the organization advising staff members on all IT related issues
- ✓ Designed and printed Certificates and for trainees after trainings organized by the organization

January – July 2008: St Balikuddembe senior Secondary School Mitala Maria

'O' Level teaching assistant

Duties:

- ✓ Taught Biology and Chemistry in senior one and two
- ✓ Arranged and supervised Physics practicals for senior four students
- ✓ Marked and submitted examination results in time
- ✓ Carried out other duties as assigned from time to time.

Short Courses

2025 Instructional Design Foundations and Applications, University of Illinois Urban Campaign

2025 Scholarly Communication (Academic & Research Proposal Writing Open Science), University of Nairobi Kenya

2025 Exploring the Online Learning Environment, Nelson Mandela University, South Africa

2025 Science Communication - Communicating to Non-Scientists, Non-Peers and Policy Makers, University of Nairobi

2024 Generative AI in Higher Education, King'AI in Education Labaratory, DIGIFACE

Research conducted

1. Babirye, L. N., & Hanghujja, S. (2024). Chatbots in Practical Science, Technology, Engineering, and Mathematics (STEM) Education: A Literature Review. *Global Perspectives on Micro-Learning and Micro-Credentials in Higher Education*, 119-136.
2. Lucy, B. N., Linnet, L. M., & Nakimuli, N. C. Transitioning from blended classroom to e-learning: Challenges faced by Lecturers and Learners during Emergency Institutional Closure. *planet p e*, 5.
3. Supervised undergraduate students' research with topics in education and health informatics, web and mobile application development, financial information systems among others.

Positions Held

1. Secretary, Grants Commitee, Uganda Martyrs University Nyamitanga Campus
2. Member, Community Engagement Comittee, Uganda Martyrs University Nyamitanga Campus
3. Member, quality Assuarance Commitee of Senate, Muteesa I Royal University
4. Member, University Examinations Board, Muteesa I Royal University
5. Secretary, Faculty Appointments Commitee, Faculty of Science, Technology and Art & Design, Muteesa I Royal University
6. Examinations coordinator in the Department of Information Technology, Muteesa I Royal University

Conferences and Workshops Attended

Date	Venue	Conference/workshop
7th -9th December	Online	International Institute of Online Education (IIOE) Global Partners Summit
4th -7th September 2023	Online	UNESCO's First Digital Learning Week
17th August 2023	Online	Virtual Education Conference on Artificial Intelligence in Teaching and Learning
4th August 2023	Makerere University	Developing Gender Sensitive ODeL materials for farmers
4th -8th April 2016	Islamic University In Uganda	Scalable Campus Network Design
11th – 17th July 2010	NVIWODA offices –Kampala	Entrepreneurship/ICTs/ Gender Violence
11th – 13th August 2011	MRU Auditorium	Staff Symposium
20th -21st Nov 2014	MRU Auditorium	Examinations workshop

Languages

Language	Speaking	Reading	Writing
English	Excellent	Very Good	Very Good
Luganda	Very Good	Good	Good

REFEREES

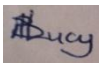
1. Fr. Dr. Henry Kiwanuka

Dean
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Certification:

I, Babirye Nanteza Lucy certify that the Information given clearly explains me, my experience and education



Date: 15/06/2026