**CURRICULUM VITAE**

**JUSTICE ENU, Ph.D**

**PhD, MPhil and Bed**

**Tel: (+233) 243217818 Email:** **enukj28@gmail.com** **/**

Current Rank: Lecturer

Postal Address: Department of Teacher Education

 Faculty of Educational Studies

 Kwame Nkrumah University of Science and Technology

 Kumasi – Ghana.

**Educational History**

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| **Date** | **Name of Institution** | **Qualification/Certificate** |
|  2021 | University of KwaZulu – Natal, South Africa | Ph.D (Mathematics Education) |
|  2020 | Amsterdam University of Applied Sciences | Online design, teaching and learning |
| 2010 - 2013 | University of Cape Coast (UCC), Ghana | M.Phil. (Mathematics Education) |
| 2008 – 2009  | NIIT  | Advance Certificate in IT |
| 2002 - 2006 | University of Cape Coast (UCC), Ghana | BED. (Mathematics) |
| 1998 – 2000 | Edinaman Senior High School | WASSCE |

**Career History**

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| **Start / End Date** | **Position / Name of Institution** | **Responsibility**  |
| Current Position | **Lecturer**: Department of Teacher Education, KNUST | Teaching, research, supervision of project work, marking of exams script |
| Sept. 2013 – June. 2021 | **Senior Tutor**: Department of Mathematics and ICT Education, Komenda College of Education | * Teaching
* Vetting of pre-service teacher’s lesson note
* Supervision of project work
* Teaching practice supervision
* Marking of exams script
* Research
 |
| Sept.2020 – Dec. 2020 | **Part-Time Lecturer:** Department of Mathematics and Computer Science Education, University of KwaZulu - Natal | * Teaching,
* Setting of tutorial questions for various modules
* Marking of exams script
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| Aug.2017 – April 2019 | **Course Tutor**: University of Cape Coast (Institute of Education) | * Teaching,
* Setting of tutorial questions for various modules
* Marking of exams script
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| April 2014 – Dec. 2018 | **Cooperating supervisor for OCTP**:Centre for Teacher Professional Dev. (UCC | Supervising of undergraduate teaching practice |
| Aug.2014 – March. 2015 | **Course Tutor**: University of Cape Coast (Institute of Education) | * Teaching
* Setting of tutorial questions for the module
* Marking of exams script
 |
| 2008 – July 2013  | **Teacher**: Edinaman Senior High School | * Teaching mathematics
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**Institutional Service**

* Transitional support Fund, Team member, 2019
* Academic Board member – Komenda College of Education (2018 / 2019 academic year)
* Appointment and promotion committee member – Komenda College of Education (2019 -2020)
* Member of electoral committee – Komenda College of Education (2016 – 2017)
* Academic Counsellor, 2015 - 2017

**Community Involvement**

* Module writer, IDeL -University of Education, 2021
* Reviewer for Journal of Pedagogy and learning (the learner), Common Ground Research Networks, USA.
* Module developer for Mathematics FET 341 - Management College of Southern Africa (MANCOSA) – 2020
* Examiner for Mathematics FET 341 – Management College of Southern Africa (MANCOSA) – 2021.
* WAEC / Team leader for WASSCE Core Mathematics 2 (2018 – 2019)
* WAEC / Assistant examiner for WASSCE Core Mathematics 2 (2010 – 2017)

**Membership of Professional Bodies**

* University Teachers Association of Ghana, UTAG
* Southern African Association for Research in Mathematics Science and Technology Education
* Association for Mathematics Education of South Africa

**Research Interest**

* Assessment in mathematics
* Errors analysis and mathematical knowledge for teaching
* Use of Technology with mathematics
* Visualisation in mathematics

 **Publications**

* ***Peer reviewed Journal articles***

**Enu, J.,** & Ngcobo, Z. (2020). Formative assessment: A tool for rectifying learners’ errors and misconceptions in mathematics. *Integrity Journal of Education and Training, Vol 4, No.3*, pp: 48 -52.

**Enu, J**., Nkum, D., Ninsin, E., Diabor, C., & Korsah, D. P. (2018). Teachers’ ICT Skills and ICT usage in the classroom: The case of Basic school teachers in Ghana. *Journal of Education and Practice, 9* (20)*,* pp.35 – 38.

Korsah, D. P., **Enu, J**., & Ibrahim, A.W. (2017). Students’ engagement with social media: A case study at Komenda College of Education. *International Journal of Multidisciplinary Research and Development,* *Vol 4, Issued 6*, pp: 344 – 350.

**Enu, J**., Agyman, O.K., & Nkum, D. (2015). Factors Influencing Students’ Mathematics

Performance in some Selected Colleges of Education in Ghana. *International Journal of Education, learning and Development, Vol 3, No. 3*, pp: 68-74.

 **Enu, J.,** Asominiwa, L., & Obeng, P. (2015). Effects of group size on students’ mathematics achievement in small group settings. *British Journal of Education, Vol 3, No. 4*, pp: 58-64

 **Enu, J**., Amuah, E., & Danso, P.A. (2013). A comparative study of achievement test scores of Boys and Girls taught through cooperative learning strategy. *Journal of Education and Practice, Vol 4, No. 28,* pp: 86 – 90.

**Chapters in books**

Dzakpasu, P. E., Adegboyega, M. O., **Enu, J**., & Amponsah, A. (2021). Integration and application of technology in the teaching and learning of mathematics. In N.Wonu & N. R. George (Eds.), Problem – solving and critical issues in mathematics education, (pp. 311 – 326). Ignatius Ajuru University press.

 **Peer reviewed Conference proceedings**

**Enu,** **J**., & Ngcobo, Z. (2021). Alignment between mathematics teacher educators’ understanding of formative assessment and Ghana’s policy on assessment. Paper presented at the 29th Annual Conference of the Southern African Association for Research in Mathematics, Science and Technology Education (SAARMSTE), 12 -15 January 2021.

**Enu, J**., & Ngcobo, Z. (2021). Teacher educators utilization of questioning as a pedagogical strategy in mathematics. Paper presented at 26th Annual National Congress of the Association for Mathematics Education of South Africa (AMESA), 14 – 17 July 2021.

 **Workshops, Conferences and Seminars Attended**

**Participant:** 9th KNUST Summer School. SDGs and Universities: Actions towards KNUST’s Mandate at 70 and beyond. 31st August 2021 to 3rd September @ KNUST Campus (Great Hall & Other Units).

**Participant / Presenter:** 29th Annual Conference of the Southern

**Participant**: A Subject Based and Professional Development Session (PDS) for B. ED Programme Year two, Semester two for Tutors of Colleges of Education affiliated to the University of Education, Winneba (UEW) organised by ITECPD. May 16 2021@Wendy Hotel, Winneba.

**Participant:** Learning through play and play based methodology workshop for Komenda College Tutors organised by RTP / KMCE. 10th – 11th February 2021 @ Komenda College Campus.

**Participant**: A 1 –Day workshop on Assessment of Micro Teaching for Level 300 students, organised by STS Unit, KMCE. 16th February 2021 @ Komenda College Campus.

**Participant**: A day seminar on “Understanding the purpose of a theoretical and conceptual framework in research. Organised by College of Humanities, University of KwaZulu – Natal. 23rd August 2019 @ Edgewood, Durban – South Africa.

**Participant:** A day workshop on NVIVO software for Postgraduate students, Organised by College of Humanities, University of KwaZulu –Natal. 14th August 2019 @ Edgewood Campus.

**Participant:** Two days’ workshop on Assessment in Higher Education, organised by Institute of Education. 5th – 6th February 2019 @ University of Cape Coast, Ghana.

**Participant:** Two days’ Workshop on Action research writing for the academic staff of Colleges of Education. Organised by Institute of Education. 17th – 18th May 2018 @ Komenda College Campus.

**Participant:** Improving the pedagogical skills of tutors in the use of technology for effective teaching and learning workshop. Organised by Komenda College of Education.

**Participant:** First international workshop on strategies for effective research and teaching quality in education. 17th – 18th August 2010 @ University of Cape Coast, Ghana

1. **Unpublished Book**

Enu, J., & Asominiwa, L. (2017). Further Algebra for Colleges of Education, Cape Coast: University printing press.

1. **Key Skills**

Strong leadership skills, Human and interpersonal skills, good communication skills, team player, organizational skills, friendly, punctual, pay attention to details, work with little supervision.

**Other Leadership Positions Held**

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| **Position held** | **Name of Institution / Organization** | **Date** |
| Deputy Examination officer | Department of Teacher Education, KNUST | 2021 - Date |
| Examination officer | Komenda College of Education | 2018 – 2019 |
| CETAG Secretary (Local) | Komenda College of Education | 2017 - 2019 |
|  Link Tutor | Komenda College of Education | 2016 - 2018 |
| Head of Mathematics Department | Edinaman Senior High School | 2009 – 2013 |
| Form Master | Edinaman Senior High School | 2008 - 2009 |
| Public Relation Officer (ESAG) | University of Cape Coast | 2005 - 2006 |

**References**

Dr. Annatoria Zanele Ngcobo

Senior Lecturer

Department of Mathematics and Computer Science Education Cluster

School of Education, University of KwaZulu – Natal – South Africa

NgcoboA2@ukzn.ac.za

Prof. Jonathan Arko Fletcher

Dean, School of Education and Leadership

University of Ghana

Telephone: 0249907192

E-mail: jfletcher@ug.edu.gh

Mr. Osei Kojo Agyeman

Department of Mathematics and ICT (HOD)

Komenda College of Education

Telephone: 0541151024

E-mail: okagomash@live.com

**COURSES TAUGHT**

UNDERGRADUATE LEVEL

|  |  |  |  |
| --- | --- | --- | --- |
| **S/No** | **CODE** | **TITLE** | **CREDIT** |
| 1 | EDMA221 | Mathematics Foundation Intermediate Phase | 3 |
| 2 | EDMA 401 | Mathematics for Educators Method 3  | 3 |
| 3 | EMA 211SW | Curriculum Studies in Mathematics Education | 3 |
| 4 | EMA 111 | Developing Algebraic thinking | 3 |
| 5 | EIN 412S | Educational Statistics  | 3 |
| 6 | FDC 112 | Numbers and Basic Algebra | 2 |
| 7 | FDC122 | Geometry and Trigonometry | 2 |
| 8 | FDC122C | Calculus | 2 |
| 9 | FDC122T | Trigonometry | 2 |
| 10 | FDC 312 | Statistics and Probability | 2 |
| 11 | FDC 222 | Further Algebra | 1 |
| 12 | PFC 222 | Methods of Teaching Basic school Mathematics | 2 |
| 13 | FDC112M | Algebra and Geometry | 2 |
| 14 | FDC222V | Vectors and Rigid Motion | 2 |
| 15 | EBS 371 | Pedagogical Content Knowledge of teaching Mathematics | 3 |