CURRICULUM VITAE

1. **Names in full:** Adegboro, Oluwasemire John
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4. **Present Postal Address**: Department of Mathematical and Computer Sciences,
   University of Medical Sciences,
   Laje Road, P.M.B. 563,Ondo City, Ondo State, Nigeria.

5 **Educational Institutions Attended (with dates):**

   Tertiary:

   (i) The Federal University of Technology, Akure, Nigeria (2017 – 2021)

   (ii) The Federal University of Technology, Akure, Nigeria (2014 – 2016)

   (iii) University of Ado, Ado Ekiti, Ekiti State (2006 -2011)

   Secondary: Ojo Ugbole High School, Igbole Ekiti (1997 - 2003).

   Primary: (i) Ikogosi Primary School, Ikogosi Ekiti (1990-1993),
   (ii) Community Primary School, Igbole Ekiti (1994 -1997).

6. **Qualifications (*with dates*)**

   (i) Ph.D Mathematics (November, 2021)
   (ii) M.Tech. Industrial Mathematics (Numerical Analysis), (February, 2017)
   (iii) B.Sc. (Hons), Mathematics (August, 2011)
   (iv) Secondary School Certificate (Neco ; JUNE/JULY, 2003)

7. **Work Experience:**

   (i) Lecturer, Achievers University, Owo, Nigeria. (2022 till date)
   (ii) Part Time Lecturer, Federal Co-operative College, Kaduna, Nigeria. (2019 - 2021).
   (iii) Teaching Assistant, Department of Mathematical department, Federal University of Technology, Akure, Nigeria. (2017- 2021)
   (iv) Tutorial Master, Department of Mathematical department, Federal University of Technology, Akure, Nigeria (2015- 2017)
   (v) National Youth Service Corps (NYSC), Teaching Mathematics at Udege   Nasarawa Local Development Area, Nasarawa State. (2011- 2012).

8. Courses Taught at the University Level

MTS 101-Introductory Mathematics 1

MTS 102- Introductory Mathematics II

MTS 104- Introductory Applied Mathematics

MTS 201- Mathematical Methods I

MTS 202 - Numerical Analysis II

9. Research

Ph.D Thesis : A Class of Continuous Trigonometrically-Fitted Methods for Solving Oscillating Problems of Second ordinary Differential Equations

10. Thesis/Dissertations: A Class Of Discrete Hybrid Multistep Implicit Methods for Solving Second Order Ordinary Differential Equations. (M.Tech Thesis, FUTA unpublished, 2017)

11. Publications:

Adegboro J. O. (2022): A Trigonometrically Fitted Predictor-Corrector   Method for solving Oscillatory Second Order Ordinary Differential Equations. *Global Scientific journals Vol. 10, issue 5, ISSN 2320- 9186* https://eoi10.11216/gst.2022.05.74010.

Kayode S. J., Areo E.A. and Adegboro J.O. (2021): Two Step Continuous Trigonometrically Fitted Method for Solving Oscillatory second Order Ordinary Differential Equations *International journal of applied science and research IJASR 2021 VOLUME 4 ISSUE4 AUGUST ISSN: 2581-7876* https://www.ijasr.org/paper/IJASRR0042500.pdf

Obarhua F.O. and Adegboro J.O. (2021): An Order Four Continuous Numerical Method for Solving General Second Order Ordinary Differential Equations; *Journal of the Nigerian Society of Physical Sciences JNSPS. Vol 3 (2021) 42–47* https://doi.org/10.46481/jnsps.2021.150

Kayode S.J. and J.O. Adegboro (2018): Predictor-Corrector Linear Multistep Method for Direct Solution of Initial Value Problems of Second Order Ordinary Differential Equations. *Asian Journal of Physical and Chemical Sciences 6(1): 1-9,; Article no.AJOPACS.41034 ISSN: 2456-7779.* https://doi.org/10.9734/ajopacs/2018/41034.

12. Papers already accepted for publications

Adegboro, J. O (2022): A Family of Discrete Multistep Method for Solution of Second

Order Ordinary Differential Equations. *Journal of Applied Mathematics and Computer Science*

13. Conference(s) Attended with Dates and / or Papers Presented (*non-scorable*)

(i) 38th Annual Conference of the Nigeria Mathematical Society (NMS) held at redeemer University Ede Osun State (20th -24th April, 2021)

Paper Presented

Two-Step Continuous Trigonometrically-fitted Method for Solving Second Order Ordinary Differential Equations

(ii) 29th National Association of Mathematics Physics (NAMP) Conference held at International Conference Centre, Landmark University, Omu-Aran (6th -9th November, 2018).

Paper Presented

Kayode, S.J. and Adegboro, J.O.: Improved 5-Step Hybrid Collocation Method for Solving Second Order Ordinary Differential Equations

(i) 6th Annual Conference of School of Sciences held at 2500 Capacity Auditorium, Federal University of Technology, Akure, Nigeria, 25th – 28th June, 2018)

Paper Presented

(i) Kayode, S.J. and Adegboro, J.O. (2018): Three -Step Hybrid Collocation Method for second Order Ordinary Differential Equations (2018),

(ii) Kayode, S.J. and Adegboro, J.O. (2018): A Class of Discrete Multistep Methods for Solution of Second Order Ordinary Differential Equations.

14. Professional Membership: Nigerian Association Mathematical Society (NMS), National Association of Mathematics Physics (NAMP).

15. **Extra Curricula Activities:** Reading, Python developer and Chess Titan.

16. Names and Addresses of three Referees:

i) Professor S.J. Kayode,

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ii) Professor B. Omolofe,

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iii) Dr F.O. Obarhua

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04 – 10 - 2022

Signature: _____ Date: _____