

CURRICULUM VITAE

01. PERSONAL DATA

i.	Name:	OLAJUWON , Bakai Ishola
ii.	Date of Birth:	31 st July, 1969
iii.	Place of Birth:	Agosasa.
iv.	Age:	52 years
v.	Sex:	Male
vi.	Marital Status	Married
vii.	Nationality:	Nigerian
viii.	Town and State of Origin:	Agosasa, Ogun State.
ix.	Contact Address:	Department of Mathematics, Federal University of Agriculture, Abeokuta, Ogun state, Nigeria.
x.	Phone number:	+2348033791102
xi.	E-mail:	olajuwonishola@yahoo.com
xii.	Post	Professor

02. EDUCATIONAL BACKGROUND

(i) Educational Institutions Attended (With Dates):

1. St. Paul's Anglican primary School, Mafoluku, Oshodi, Lagos.	1979 - 1983
2. Oshodi High School, Oshodi, Lagos, Nigeria.	1983 - 1988
3. Ogun State University, Ago-Iwoye, Ogun state, Nigeria.	1990 - 1995
4. Ladoke Akintola University of Technology, Ogbomosho.	1999 - 2005

(ii) Academic and Professional Qualifications (With Dates):

1. First School Leaving Certificate	1983
2. General Certificate of Education 'O' Level	1988
3. B.Sc. (Hons.) Mathematics	1995
4. M. Tech (Applied Mathematics)	2002
5. Ph.D (Pure and Applied Mathematics)	2005

(iii) Prizes , Honours, Scholarship, National and International Recognition :

- a) International Centre for Theoretical Physics (ICTP) travel support to attend the Ninth Edward A. Bouchet/Abdus Salam Regional College on Functional Analysis and its Application to Differential equation. A college organized by the Ghana Atomic Energy Centre and sponsored by the Abdus Salam International Centre for Theoretical Physics, held at the University of Ghana, Legon, Accra from 7th to 18th July, 2003.
- b) Received the International Chair of Mathematical Physics (ICMPA – UNESCO CHAIR) travel grant to attend the Sixth International Workshop on Contemporary Problems in Mathematical Physics (COMPROMAPH6) and the Colloquium on Research and Training in Oceanography in West African Universities held from October 31st to November 6th, 2009 in Cotonou, under the auspices of the International Chair in Mathematical Physics and Applications, University of Calavi, Cotonou, Republic of Benin. As an invited Speaker.
- c) African Network of Scientific and Technological Institution (ANSTI) Staff Exchange Fellowship (2010) to carry out research in Computational fluid dynamics at University of Cape Town, South Africa.
- d) Visiting academic, Centre for Research in Computational and Applied Mechanics, University of Cape Town, South Africa, (*July 1st - September 30th, 2010*).
- e) JNCASR – CCSTD scientific research fellowship (2011), To carry out research on computational fluid flow and heat transfer at the Indian Institute of Technology, Madras, India, Government of India.
- f) Visiting academic, Indian Institute of Technology, Madras, India, Government of India. (*July 1st - September 30th, 2011*).

03. WORK EXPERIENCE:

(a) WORK EXPERIENCE IN THE UNIVERSITY SYSTEM

- i. Graduate Assistant , Ladoke Akintola University of Technology, Ogbomoso, Oyo State, Nigeria (November 2000 – January 2002).
- ii. Assistant Lecturer, Ladoke Akintola University of Technology, Ogbomoso, Oyo State, Nigeria (January 2002 – October 2004).
- iii. Lecturer II, Ladoke Akintola University of Technology, Ogbomoso, Oyo State, Nigeria (October 2004 – December 2005).
- iv. Lecturer I, University of Agriculture, Abeokuta, Ogun State, Nigeria (December 2005 – October 2008).
- v. Senior Lecturer, University of Agriculture, Abeokuta, Ogun State, Nigeria (October 2008 - October 2011).
- vi. Reader, Federal University of Agriculture, Abeokuta, Ogun State, Nigeria. (October 2011 – October 2014).
- vii. Professor, Federal University of Agriculture, Abeokuta, Ogun State, Nigeria. (October 2014 – till date).

Total Number of Years = 19.

(b) WORK EXPERIENCE OUTSIDE THE UNIVERSITY SYSTEM

- i. Teaching Staff, Government Secondary School, Gubio, Borno State (1995 - 1996, N.Y.S.C).
- ii. Assistant Lecturer, Ramat Polytechnic Maiduguri, Borno State (1997–1999)

04. SPECIAL ASSIGNMENTS / COMMUNITY SERVICE

- i. Head, Department of Mathematics, Federal University of Agriculture, Abeokuta, Ogun State, Nigeria. (January 3, 2020 –).
- ii. Member, Board of Information Communication Technology and Resources Centre, Federal University of Agriculture, Abeokuta, Ogun State, Nigeria. (2017 -)
- ii. College Representative on Promotion panel of Agricultural media resources centre (AMREC) / Institute of food security environmental resources and Agricultural research (IFSERAR), Federal University of Agriculture, Abeokuta, Ogun State, Nigeria. (January, 2015 – 2020)
- iii. Member, Business Committee of Post Graduate School, Federal University of Agriculture, Abeokuta, Ogun State, Nigeria. (January, 2014 – 2015)
- iv. Acting Head, Department of Mathematics, Federal University of Agriculture, Abeokuta, Ogun State, Nigeria. (November 13, 2011 – November 12, 2013).

- v. College Representative on College Board of College of Plant Science and Crop production, UNAAB Abeokuta, 2009 -2011
- vi. Member, College Board of Studies, College of Natural Sciences, UNAAB Abeokuta, (2009 – 2013)
- vii. Member, Post Graduate Board College of Natural Sciences, UNAAB Abeokuta, 2006 to 2009.
- viii. Coordinator, Departmental Post Graduate programs, (2006 to 2009).
- ix. Assistant Coordinator Pre – Degree Programme, UNAAB Abeokuta. (2006 – 2008).
- x. Member, Sub – Committee of 2nd International Conference on Science and National Development, COLNAS, UNAAB Abeokuta, 2006.
- xi. Member, Sub – Committee of 3rd International Conference on Science and National Development, COLNAS, UNAAB Abeokuta, 2008.
- xii. Member, CENHURD Examination Committee, UNAAB Abeokuta, (2006 to 2008).

EXTERNAL EXAMINER ASSIGNMENTS:

- xiii. External Examiner, Post Graduate programs, Department of Pure and Applied Mathematics, Ladoke Akintola University of Technology, Ogbomoso, Nigeria. 2010
- xiv. External Examiner, Post Graduate programs, Department of Mathematical Sciences, Olabisi Onabanjo University, Ago Iwoye, Nigeria. 2010
- xv. External Examiner, Post Graduate programs, Department of Mathematics, Obafemi Awolowo University, Ile - Ife, Nigeria. 2012
- xvi. External Examiner, Post Graduate programs, Department of Mathematics, Obafemi Awolowo University, Ile - Ife, Nigeria. 2014 – till date
- xvii. External Examiner, Post Graduate programs, Department of Pure and Applied Mathematics, Ladoke Akintola University of Technology, Ogbomoso, Nigeria. 2015 – till date
- xviii. External Examiner, Post Graduate programs, Department of Mathematics, University of Lagos, Akoka, Nigeria. 2016
- xix. External Examiner, Post Graduate programs, Department of Mathematics, Federal University of Technology, Minna, Nigeria. 2016 till date
- xx. External Examiner, Post Graduate programs, Department of Mathematics, Federal University of Technolgy, Akure, Nigeria. 2017 – till date
- xxi. External Examiner, Undergraduate Mathematics Programs, Department of Basic Sciences, Babcock University, Ilisan Remo, Ogun State. 2019

05. TRAINING PROGRAMME ATTENDED

- i. Web 2.0 Seminar/ training, University of Agriculture, October, 2010.
- ii. Research Oriented Course in Fluid Dynamics III, National Mathematical Centre, Abuja. August 26th – 1st September, 2001.
- iii. Research Oriented Course in Fluid Dynamics 1, National Mathematical Centre, Abuja. July 15 – 27, 2001.
- iv. Training workshop for FUNAAB Head of Departments, October 3 -5, 2012.
- v. Special Seminar on Preparation and Vetting of Examination Results, June 7, 2013.
- vi. Meeting of Professors and Head of Department of Mathematics in Nigerian University, National Mathematical Centre, Abuja, September 3, 2012.

06. COMMENDATION

- i. Award of Excellence, Rotary Club, Ogbomoso (2005)

07. MEMBERSHIP OF PROFESSIONAL BODIES

- i. Member, Mathematical Association of Nigeria (MAN).
- ii. Member, Nigerian Mathematical Society (NMS).
- iii. Member, The Nigerian Association of Mathematical Physics (NAMP)

08. RESEARCH INTEREST

(a) COMPLETED

- i. Flow of a reacting non-Newtonian fluid over a flat plate, (2002 - 2005).
- ii. Flow of a Power-Law Fluid in contact with a Newtonian Fluid, (1999 - 2001)

(b) IN PROGRESS

- i. Flow, heat and mass transfer in non – Newtonian and Newtonian fluids

09. PUBLICATION

(a) Articles in Learned Journals

1. Ayeni, R.O and **Olajuwon B.I (2001)**, Unsteady Backward Power-Law Flow near a moving wall, *Journal of the Nigerian Association of Mathematical Physics*, volume 5, pp. 263 – 265. Published by Nigerian Association of Mathematical Physics, Nigeria.
2. **Olajuwon B.I. (2002)**. On the Existence and Uniqueness of Solution of Unsteady Pseudo plastic Flow Near a Moving Wall, *Journal of Mathematical Association of Nigeria*, Vol. 29, Pp. 26 – 29. Published by Mathematical Association of Nigeria, Nigeria.
3. **B. I Olajuwon** and R. O Ayeni (2002), On the Existence and Uniqueness of a power law fluid flowing in a cylinder, *Journal of the Nigerian Association of Mathematical Physics*, volume 6, pp. 187 - 190. Published by Nigerian Association of Mathematical Physics, Nigeria.
4. **Olajuwon B.I. (2003)** Unsteady Temperature field of a power-Law fluid with variable thermal conductivity, *Journal of Science and Technology Research Vol. 2*, pp 95 – 97. Published by International Research and Development Institute, Akwa Ibom, Nigeria.
5. Popoola, A.O, **Olajuwon B.I** and Olanrewaju, P.O. (2003). Effect of a Diffusive parameter on a Reaction Diffusion Problem, *Journal of Mathematical Association of Nigeria*, Vol. 30, no. 2A, pp61-65. Published by Mathematical Association of Nigeria, Nigeria.
6. **Olajuwon B.I**, Popoola, A.O and Ogunsola, A.W. (2003), On the Velocity Field of a power – law Fluid Flowing in a cylinder. *Journal of Mathematical Association of Nigeria*, vol. 30, no. 2A, pp 29-32. Published by Mathematical Association of Nigeria, Nigeria.
7. **Olajuwon, B.I** and Popoola, A.O (2004), On the Effect of a Temperature dependent Thermal Conductivity on one –dimensional heat conduction, *Journal of Mathematical Association of Nigeria*, Vol. 31, no. 2a, pp 173 – 176. Published by Mathematical Association of Nigeria, Nigeria.
8. **Olajuwon B.I** and Ayeni R.O (2004), Flow of a Power law fluid with memory past an infinite Plate, *Journal of Nigerian Association Mathematical Physics*, vol. 8, pp 161 – 162. Published by Nigerian Association of Mathematical Physics, Nigeria.

9. Oghre E.O and **Olajuwon B.I (2005)**, Fourier Transform Solution of Semi linear parabolic equation, *Journal of Applied sciences* 5(3) pp 492 – 495. Asian Network for Scientific Information.
10. **Olajuwon B.I (2005)**, On the Solution of the Flow of a Power law Fluid with Memory past an Infinite Plate, *International Journal of Applied Mathematics & Statistics*, Vol.3, Number S05.pp 68 – 76. Centre for Environment, Social & Economic Research, India.
11. **Olajuwon B.I** and Popoola, A.O (2006), On self – similar Solution of non-Linear Diffusion Equation with Convection Term, *Journal of Mathematics and Statistics* 2(4), pp 453 – 456. Science Publications, USA.
12. **Olajuwon B.I (2007)**, On the Temperature Field of a Power Law Fluid with Variable Thermal Conductivity, *European Journal of Scientific Research* Vol.16 No.4, pp. 584 - 591. EuroJournals Publishing, Inc.UK.
<http://www.eurojournals.com/ejsr.htm>.
13. **Olajuwon B.I (2007)**, On the flow of a power law fluid over a flat plate in the presence of a pressure gradient, *International Journal of Applied Mathematics and Mechanics* 3(1):1-13. GBS Publishers, India.
14. **Olajuwon B.I (2007)**, Heat Transfer in a reacting power law fluid with thermal radiation over a flat plate, *International Journal of Dynamics of fluids* 3(1):1-10. Research India Publications, India.
15. **Olajuwon B.I (2007)**, On the flow of a power law fluid in contact with a Newtonian fluid, *International Journal of Applied Sciences and Computations* vol. 14(1) pp 36 – 44. Institute of Applied Science and Applications, Charleston, USA.
16. Makinde O.D, **Olajuwon B.I**, Gbolagade A.W (2007), Adomian Decomposition approach to a boundary layer flow with thermal radiation past a Moving vertical porous plate, *International Journal of Applied Mathematics and Mechanics* 3(3):62-70. GBS Publishers, India.
17. **Olajuwon B.I (2007)**, Thermal Radiation interaction with convection in a power law flow past a vertical plate with variable suction, *International Journal of Heat and Technology*, vol.25(2), pp 57 – 65. Published by EDIZION ETS, Pisa, Italy.
18. **Olajuwon B.I (2008)**, Convection heat and mass transfer in power law fluid with thermal radiation past a moving porous plate, *Progress in Computational fluid*

Dynamics: An International Journal Vol. 8, no. 6, pp 372 – 378. Published by Inderscience Enterprises Ltd, United Kingdom.

19. **Olajuwon B.I (2008)**, Convection Heat and Mass Transfer in a power law fluid with Heat generation and Thermal diffusion past a vertical Plate, *Journal of Energy, Heat and Mass Transfer*, Vol. 30 (1), pp 1 – 19. Published by Regional centre for Energy, Heat and Mass Transfer for Asia and the Pacific, India.
20. Makinde O.D, Gbolagade A. W, **Olajuwon B.I (2008)**, Hydromagnetic flow and mass transfer past a vertical plate embedded in a porous medium with radiation and constant heat flux, *Journal of Nigerian Mathematical Society*, Vol. 27, pp 33 – 52. Published by The Nigerian Mathematical Society, Nigeria.
21. **Olajuwon B.I (2009)**, Flow and Natural Convection Heat Transfer in a power law fluid past a vertical plate with Heat generation, *International Journal of nonlinear Sciences*, Vol.7, No.1, pp 50 – 56. Published by World Academic Union, United Kingdom.
22. **Olajuwon B.I (2010)**, Convection heat and Mass Transfer in an electrical conducting power law flow over a heated vertical porous plate, *International Journal of Computational Methods in Engineering Science and Mechanics*, Vol. 11: 2, 100 — 108. Published by Taylor and Francis, United Kingdom.
23. Baoku, I. G, Israel-Cookey, C. and ***Olajuwon, B. I (2010)**, Magnetic field and thermal radiation effects on steady hydromagnetic couette flow through a porous channel, *Surveys in Mathematics and its Applications*, Volume 5, 215 – 228. Published by University Constantin Brâncuși of Târgu-Jiu, Bld. Republicii, Romainia.
24. **Olajuwon, B. I and Popoola A. O (2011)**, Effect of Thermal Radiation on the Heat Transfer in a Second Grade Fluid over a Rotating Disk, *Journal of Energy, Heat and Mass Transfer*, vol.32 pp. 319 – 33. Published by Regional Centre for Energy, Heat and Mass Transfer for Asia and the Pacific, India.
25. **Olajuwon, B. I (2011)**, Convection heat and mass transfer in a hydromagnetic flow of a second grade fluid in the presence of thermal radiation and thermal diffusion, *International Communications in Heat and Mass Transfer*, 38, 377–382. Published by Elsevier.

26. Ferdows M and **Olajuwon B.I (2011)**, On the Similarity Solution of Micropolar Power Law Fluid over a Vertical Plate, *Int. J. Contemp. Math. Sciences*, Vol. 6, no. 3, 133 – 143. Hikari Ltd. Bulgaria, EU.
27. **Olajuwon B. I (2011)** Convection heat and mass transfer in a hydromagnetic carreau fluid past a vertical porous plate in the presence of thermal radiation and thermal diffusion, *Thermal Science*, Vol. 15, Suppl. 2, pp. S241-S252 Published by Society of Thermal Engineering of Serbia.
28. I.G. Baoku C. Israel-Cookey and **B. I. Olajuwon (2012)**, Influence of Thermal Radiation on a Transient MHD Couette Flow through a Porous Medium, *Journal of Applied Fluid Mechanics*, Vol. 5, No. 1, pp. 81-87. Published by Regional Information Centre for Science and Technology, Iran.
29. **Olajuwon, B. I and** Popoola A. O (2012), Stability analysis of two – variable model for combustion in sealed container. *International Journal of Pure and Applied Mathematics*, Volume 75 No. 4 2012, 403-41, Published by Academic Publications, Ltd, Bulgaria.
30. **B. I. Olajuwon** and I. S. Oyelakin (2012) Convection heat and mass transfer in a power law fluid with non - constant relaxation time past a vertical porous plate in the presence of thermo and thermal diffusion, *Journal of Theoretical and Applied Mechanics, Sofia, 2012, vol. 42, No. 4, pp. 53–74*. Published by Bulgarian Society for Theoretical and Applied Mechanics.
31. **B. I Olajuwon (2012)** Heat and Mass Transfer in a Hydromagnetic flow of a Micropolar Power Law Fluid with Hall Effect in the Presence of Chemical Reaction and Thermal Diffusion, *Journal of the Serbian Society for Computational Mechanics / Vol. 6 / No. 2, 2012 / pp. 61-86*. Published by the Serbia society for computational mechanics.
32. **B. I Olajuwon, J. I Oahimire and I. O Abiala (2012)** Heat and Mass Transfer in a micropolar fluid in the presence of thermal radiation and chemical reaction, *Journal of the Nigerian Association of Mathematical Physics, volume 22, pp. 465 - 482*. Published by Nigerian Association of Mathematical Physics, Nigeria.
33. I.G. Baoku, **B.I. Olajuwon** and A.O. Mustapha (2013) Heat and mass transfer on a MHD third grade fluid with partial slip flow past an infinite vertical insulated porous plate in a porous medium, *International Journal of Heat and Fluid Flow vol. 40 pp 81 - 88*. Published by Elsevier.

34. **B.I. Olajuwon (2013)** Effect of Thermo Diffusion and Chemical Reaction on Heat and Mass Transfer in a Power Law Fluid over a Flat Plate with Heat Generation, *International Journal of Nonlinear Science*, Vol.15, No.2, pp.117-127. Published by World Academic Union, United Kingdom.
35. **B. I Olajuwon and J. I Oahimire (2013)**, Unsteady free convection heat and mass transfer in an MHD micropolar fluid in the presence of thermo diffusion and thermal radiation, *International Journal of Pure and Applied Mathematics*, vol. 84, No. 2, 15 – 38. Published by Academic Publications, Ltd, Bulgaria.
36. J. I. Oahimire, **B. I. Olajuwon**, M. A Waheed and I. O. Abiala (2013), Analytical Solution To MHD Micropolar Fluid Flow Past A Vertical Plate In A Slip - Flow Regime In The Presence Of Thermal Diffusion And Thermal Radiation, *Journal of the Nigerian Mathematical Society Vol. 32*, pp 33 – 60. Published by Nigerian Mathematical Society.
37. T. Chinyoka, S.P. Goqo, **B.I. Olajuwon (2013)** Computational analysis of gravity driven flow of a variable viscosity viscoelastic fluid down an inclined plane, *Computers & Fluids 84 (2013) 315–326*, Published by Elsevier.
38. J.I. Oahimire and **B.I. Olajuwon (2013)** Hydromagnetic flow near a stagnation point on a stretching sheet with variable thermal conductivity and heat source / sink, *International Journal of Applied Science and Engineering, Volume 11 No. 3*, 331-341. Published by Chaoyang University of Technology, Taiwan, R. O. C.
39. J.I. Oahimire and **B.I. Olajuwon (2014)** Effect of Hall current and thermal radiation on heat and mass transfer of a chemically reacting MHD flow of a micropolar fluid through a porous medium, *Journal of King Saud University – Engineering Sciences 26*, 112–121 Published by Elsevier.
40. I.G. Baoku and **B.I. Olajuwon (2014)**, Transient Flow and Mass Transfer of a Third Grade Fluid Past a Vertical Porous Plate in the Presence of Chemical Reaction. *Nigerian Journal of Science Vol 48*, pp 45 – 56. Published by Nigerian Academy of Science.
41. **B.I. Olajuwon**, J.I. Oahimire, M.A. Waheed (2014) Convection Heat And Mass Transfer in a Hydromagnetic Flow of A Micropolar Fluid over a Porous Medium,

- Theoretical and Applied Mechanics. TEOPM7**, Vol.41, No.2, pp. 93 - 117, Serbian Society of Mechanics - Mathematical Institute of the Serbian Academy of Sciences and Arts, *Belgrade*
42. **B.I. Olajuwon**, I.G. Baoku (2014), Hydromagnetic partial slip flow, heat and mass transfer of a viscoelastic third grade fluid embedded in a porous medium, *Nonlinear Studies*, Vol. 21, No. 3, pp. 385-401, Published by CSP - Cambridge, UK; I&S - Florida, USA.
43. **B. I Olajuwon and J. I Oahimire** (2014), Effect of thermal diffusion and chemical reaction on heat and mass transfer in MHD micropolar fluid with heat generation, *Afrika Matematika*, Afr. Mat. (2014) 25: 911. doi:10.1007/s13370-013-0164-4, Published by African Mathematical Union and Springer - Verlag Heidelberg.
44. **B.I. Olajuwon**, I.G. Baoku (2014), Numerical study of heat and mass transfer in a transient third grade fluid flow in the presence of heat source, chemical reaction thermal radiation, *Daffodil International University Journal of Science and Technology*, Volume 9 (2), pp 25 – 36. Published by Daffodil International University, Dhaka.
45. **B.I. Olajuwon**, J.I. Oahimire and M. Ferdow, (2014) Effect of thermal radiation and Hall current on heat and mass transfer of unsteady MHD flow of a viscoelastic micropolar fluid through a porous medium, *Engineering Science and Technology, an International Journal*, Vol. 17 (4) pp 185 – 193. Published by Elsevier.
46. J.I. Oahimire and **B. I Olajuwon** (2014), Effects of radiation absorption and thermo-diffusion on MHD heat and mass transfer flow of a micropolar fluid in the presence of thermal radiation and heat source, *Applications and Applied Mathematics: An International Journal (AAM)*, Vol. 9 (2),pp 763 – 779. *Published* Prairie View A & M University, USA.
47. **B.I. Olajuwon**, I.G. Baoku and A.A.A. Agboola (2014), Numerical Study Of A Hydromagnetic Partial Slip Flow, Heat And Mass Transfer Of A Third Grade Fluid With The Presence Of Thermal Radiation Through A Porous Medium, *International Journal of Energy & Technology* 6, 1–17.
48. Amos O. Popoola 1*, Ismail G. Baoku 2 and **Bakai I. Olajuwon** (2016), Heat and Mass Transfer on MHD Viscoelastic Fluid Flow in the Presence of Thermal Diffusion and Chemical Reaction. *International Journal Of Heat*

And Technology Vol. 34, No. 1, March, 2016, pp. 15-26. Published by International information and engineering Technology Association, Italy

49. Abdul Abiodun Orunsolu, A. S. Sodiya, A. T. Akinwale, **B. I. Olajuwon (2017)**, An Anti-Phishing kit Scheme for Secure Web Transactions, *International Journal of Electronics and Information Engineering, Vol.6, No.2, PP.72-86*,
50. G. C Nzebuka, M. A Waheed, S. I Kuye, **B. I Olajuwon (2019)** Accounting for Melt Flow Pattern and Solid Fraction Evolution in DC Casting of Al-Cu Alloy Using v^2 - f Turbulence Model, *Metallurgical and Materials Transactions B, 50(2), 866-880*. Published by Springer.
51. Akinbo, B. J., **Olajuwon, B. I., (2021)** Impact of radiation and chemical reaction on stagnation-point flow of Hydromagnetic Walters' B fluid with Newtonian heating. *International Communications in Heat and Mass Transfer*, 121, pp 105115.
52. Akinbo, B. J., **Olajuwon, B. I.,** Osinuga, I. A., Kuye, S. I., **(2021)** Effect of chemical reaction and thermo-diffusion in an electrically conducting Walters' B fluid over a vertical stretching surface. *Tecnica Italiana-Italian Journal of Engineering Science*, 65, pp 36-44.
53. Akaje, T. W., **Olajuwon, B. I., (2021)** Stagnation Point Heat Flow and Mass Transfer in a Casson Nanofluid with Viscous Dissipation and Inclined Magnetic Field. *UKH Journal of Science and Engineering*, 5, pp. 38-49.
54. Akaje, T. W., **Olajuwon, B. I., (2021)** Thermal Diffusion and Diffusion Thermo Effects on Casson Nanofluid Flow in the Presence of Chemical Reaction with Inclined Magnetic Field. *Asian Research Journal of Mathematics*, 16, pp. 110-124
55. Iyoko, M. O., **Olajuwon, B. I., (2021)** Differential transform method approach to the study of an MHD flow of a third grade fluid with Reynolds' model viscosity and Joule heating. *Kathmandu University Journal of Science, Engineering and Technology*, 15, pp. 1-13.

56. Akinbo, B. J., **Olajuwon, B. I.,(2020)** Heat transfer analysis in a hydromagnetic Walters' B fluid with elastic deformation and Newtonian heating. *Heat Transfer*. 50, pp.1–16.
57. Akinbo, B. J., **Olajuwon, B. I., (2020)** Thermal and Thermo Diffusion Effects on the Heat and Mass Transfer in a Viscous Fluid over an Exponential Stretching Surface in the Presence of Heat Absorption. *International Journal of Heat and Technology*, 38(2), pp. 351-360.
58. Akinbo, B. J., **Olajuwon, B. I., (2020)** Computational Investigation of Heat and Mass Transfer on MHD Walters' B Fluid over a Vertical Stretching Surface with Suction\Injection. *Tecnica Italiana-Italian Journal of Engineering Science*, 64, pp. 289-297.
59. Akaje, T. W., **Olajuwon, B. I., (2020)** Effect of inclined Magnetic field and slip boundary condition on Heat and Mass transfer in a Casson Nanofluid flow over a stretching sheet. *Science and Technology*, 5(1), pp. 15-28
60. Akinbo, B. J., **Olajuwon, B. I., (2019)** Homotopy Analysis Investigation of Heat and Mass Transfer Flow Past a Vertical Porous Medium in the Presence of Heat Source. *International Journal of Heat and Technology*, 37(3), pp. 899-908.
61. Akinbo, B. J., **Olajuwon, B. I., (2019)** Heat and Mass Transfer in Magnetohydrodynamics (Mhd) Flow over a Moving Vertical Plate with Convective Boundary Condition in the Presence of Thermal Radiation. *Sigma Journal of Engineering and Natural Sciences*, 37 (3), pp. 1031-1053
62. Akinbo, B. J., **Olajuwon, B. I., (2019)** Convective Heat and Mass Transfer in Electrically Conducting Flow Past a Vertical Plate Embedded in a Porous Medium in the Presence of Thermal Radiation And Thermo Diffusion. *Computational Thermal Sciences*, 11(4), pp. 367–385
63. Oahimire, J. I., **Olajuwon, B. I., (2012)** Effect of Hall Current and Slip Conditions on Heat and Mass Transfer of Unsteady MHD Flow of a Viscoelastic. *Acta Mechanica Slovaca* 16(1), pp. 84 – 89.

***CONFERENCE PROCEEDINGS:**

64. **Olajuwon B.I** and Ayeni R.O (2001) Temperature field of a Power-Law Fluid with large Brinkman number, **Proceedings of 38th Annual Conference of Mathematical Association of Nigeria**, pp. 94 – 98. Published by Mathematical Association of Nigeria, Nigeria.
65. Ayeni, R.O, **Olajuwon B.I** and Popoola, A.O, (2005), Self – similar solution For a non – Newtonian Rayleigh Problem with Suction, **Appreciating Mathematics in Contemporary World, Proceedings of the International Conference in Honour of Professor E.A Akinrele, OAU, Ile - Ife, Nigeria**
Pp 29 - 33. Published by Department of Mathematics, Obafemi Awolowo University, Ile – Ife, Nigeria.

10. CONFERENCES, WORKSHOPS/SEMINARS ATTENDED

- i. 56th Annual national Conference, Mathematical Association of Nigeria, National Mathematical, University Of Portharcourt, 2019.
- ii 55th Annual national Conference, Mathematical Association of Nigeria, National Mathematical Centre, Abuja. 2018.
- iii. 54th Annual national Conference, Mathematical Association of Nigeria, Yabba college Of Technology, Lagos 2017.
- iv. The 32nd Annual conference of Nigerian Mathematical Society (NMS). Department of Mathematical Sciences, Obafemi Awolowo University, Ile – Ife, Nigeria. June 25 - 28, 2013.
- v. Meeting of Professors and Head of Department of Mathematics in Nigerian University, National Mathematical Centre, Abuja, September 3, 2012.
- vi. 23rd Annual Colloquium and Congress of Nigerian Association of Mathematical Physics, Redeemer’s University, Mowe, Ogun State, November, 6 – 9, 2012.
- vii. 49th Annual national Conference, Mathematical Association of Nigeria, National Mathematical Centre, Abuja. September 2 – 7, 2012.
- v. Sixth International Workshop on Contemporary Problems in Mathematical Physics (COMPROMAPH6) and the Colloquium on Research and Training in Oceanography in West African Universities held from October 31st to November 6th, 2009 in Cotonou.
- vi. The 24th Annual conference of Nigerian Mathematical Society (NMS). Department of Mathematical Sciences, Olabisi Onabanjo University, Ago – Iwoye, Ogun State, April 12th – 15th, 2005.
- vii. 41st Annual national Conference, Mathematical Association of Nigeria (SOKOTO 2004) August 30th–September, 3rd 2004.

- viii. 15th Annual Colloquium and Congress of Nigerian Association of Mathematical Physics, University of Benin, Benin City, Edo State .9th to 12th November, 2004.
- ix. 40th Annual national Conference, Mathematical Association of Nigeria (BENUE 2003) September 1st –September, 5th 2003.
- x. The 22nd Annual conference of Nigerian Mathematical Society (NMS). Department of Pure and Applied Mathematics, Ladoke Akintola University of Technology, Ogbomoso June 10th – 13th 2003.
- xi. The Ninth Edward A. Bouchet/Abdus Salam Regional College on Functional Analysis and its Application to Differential equation, Accra, Ghana 7th – 18th July, 2003.
- xii. 13th Annual Colloquium and Congress of Nigerian Association of Mathematical Physics, Bayero University, Kano, December 10th – 13th, 2002.
- xiii. The 21st Annual Conference of Nigerian Mathematical Society (NMS). Department of Mathematics, Federal University of Technology, Yola, Adamawa State, 15th – 18th April, 2002.
- xiv. Conference in Continuum Mechanics, National Mathematical Centre, Abuja, August 24th – 25th, 2001.
- xv. 24th Annual Conference, Nigerian Institute of Physics, LAUTECH, Ogbomoso, 26th – 29th September, 2001.
- xvi. 12th Annual Colloquium and Congress of Nigerian Association of Mathematical Physics. University of Benin, Benin City, Edo State 22nd to 23rd of November, 2001.
- xvii. 38th Annual national Conference, Mathematical Association of Nigeria (Katsina 2001) August 26th – 1st September, 2001.

11. INFORMATION ON FELLOWSHIP, MASTER’S PROJECT AND PH. D THESIS SUPERVISED

(a) FELLOWSHIPS

- i. JNCASR – CCSTD scientific research fellowship (2011), Department of science and Technology, Government of India.
- ii. African Network of Scientific and Technological Institution (ANSTI) Staff Exchange Fellowship (2010).

(b) M.Sc. Supervision 5

(c) Ph.D Supervision: 7

12. EXTRA CURRICULA ACTIVITIES

Member, Rotary International

Provisional President, Rotary Club of Obantoko, Abeokuta,

(2011 – 2012)

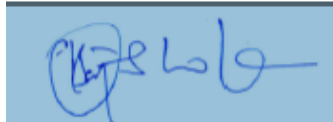
Charter President, Rotary Club of Obantoko, Abeokuta,
Vice – President Rotary Club of Ogbomosho, Ogbomosho,

(2012 – 2013)
(2005 - 2006)

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