(Curriculum Vitae Mohamed Rabea Eid)



*Contact Information:

Name	Mohamed Rabea Eid Said
Gender	Male
Title	Professor in Mathematics Department, Faculty of Science, New Valley University from 07/08/2024 until Now. Associate Professor in Mathematics Department, Faculty of Science, New Valley University from 1/9/2018 until 06/08/2024. Senior researcher in Center for Scientific Research and Entrepreneurship, Northern Border University from 06/05/2024 until now. Assistant Professor in Finance and Insurance Department, College of Business Administration, Northern Border University from 20/8/2023 until Now. Assistant Professor in Basic Science, Deanship of Preparatory Year and Supportive Studies, Northern Border University from 1/9/2018 until 19/8/2023. Assistant Professor in Mathematics Department, Faculty of Science, New Valley Branch, Assiut University from 11/2013 to 1/9/2018. Assistant Professor in Science and Mathematics Department, Faculty of Education, New Valley, Assiut University from 6/2009 to 10/2013.
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Google Scholar *h*-index	53
Scopus Author Identifier	36183847400 *https://www.scopus.com/authid/detail.uri?authorId=36183847400*
Scopus *h*-index	43

Date of birth: 10 / 06 / 1978
Place of Birth: El-Kharga, Al-Wadi Al-Jadid, Egypt
Social Status: Married with three children

*Education and Professional Qualifications:

Degree:	Ph.D. in Applied Mathematics (Nanofluids) 2012. MSc. in Applied Mathematics (Heat and Mass Transfer) 2009. Preliminary of MSc. in Mathematics 2006. Bachelor of Science BSc. in Mathematics 2004. Bachelor of Science and Education in Mathematics 1999.
Location:	Faculty of Science - New Valley Branch - Assiut University. Faculty of Education - New Valley Branch - Assiut University.
Language:	Arabic native language, Fluent in English, French Basic knowledge, First level in German.
Research Domain:	Fluids Mechanics (*Heat and Mass Transfer in Nanofluids*)
MSc. Title:	" Some problems in Heat and Mass Transfer of Non-Newtonian fluids Flow through Porous Media "
Ph.D. Title:	" On Convective Flow of Nanofluids in Boundary-Layer "

*Certifications and Acadmic Experiences:

- Certificate of Training on "Introduction to PC'S, DOS, Windows 95", Faculty of Agriculture, Assiut University, 2000.
- Certificate of Achievement for Satisfactory Completion the Training Program "Effective Communication Skills", Faculty and Leadership Development Center (FLDC), (15h) In the period from 14th until 17th May 2005, Assiut University, Egypt.
- Certificate of Training on "The 4th International Conference and Exhibition on Internet Education", Human and Technology Development Foundation, 6-8 September 2005, Cairo, Egypt.
- Certificate of Presenting on "The First Scientific Conference, The Education and Development in the new societies", Faculty of Education, New Valley, 5-6 March 2006.
- Certificate of Achievement for Satisfactory Completion the Training Program "Effective Learning", Faculty and Leadership Development Center (FLDC), (15h) In the period from 8th until 11th May 2006, Assiut University, Egypt.
- Certificate of Achievement for Satisfactory Completion the Training Program "Scientific Research Methods", Faculty and Leadership Development Center (FLDC), (15h) In the period from 15th until 18th May 2006, Assiut University, Egypt.
- Certificate of Theoretical and Practical Training in Cooperative and Housing Central Union, The Cooperative and administrative Studies Higher Institute, 28, May 2006, New Valley, Egypt.
- Certificate of Achievement for Satisfactory Completion the Training Program "Teaching Evaluation", Faculty and Leadership Development Center (FLDC), (15h) In the period from 6th until 8th June 2006, Assiut University, Egypt.

- Certificate of Training on "Electronic Health Records", Information Technology Institute (ITI), 9th December 2006, Cairo, Egypt.
- Certificate of Training on "Building Interactive Spaces", Information Technology Institute (ITI), 10th December 2006, Cairo, Egypt.
- Certificate of Attending the Conference "Information Processing in the Service of Mankind and Health", Information Technology Institute (ITI), 10-12 December 2006, Cairo, Egypt.
- Certificate of Achievement for Satisfactory Completion the Training Program "Modern Approaches in Learning", Faculty and Leadership Development Center (FLDC), (15h) In the period from 28th until 30th May 2007, Assiut University, Egypt.
- Certificate of Theoretical and Practical Training in Cooperative and Housing Central Union, The Cooperative and administrative Studies Higher Institute, 9, March 2008, New Valley, Egypt.
- Certificate of Presenting with Oral Paper Presentation on "The Second Conference for Young Scientists, Basic Science & Technology", Assiut, October 18-19, 2008.
- Certificate of Achievement for Satisfactory Completion the Training Program "Time and Conference Management", Faculty and Leadership Development Center (FLDC), (15h) In the period from 1st until 3rd February 2009, Assiut University, Egypt.
- Certificate of Achievement for Effective Participated in "The Third Conference for Young Researchers" as a Co-chair, Quality Education for Developing Society, 28 April 2009 Faculty of Education, New Valley, Egypt.
- Certificate of Achievement for Satisfactory Completion the Training Program "Credit Hour System", Faculty and Leadership Development Center (FLDC), (15h) In the period from 26th until 28th January 2010, Assiut University, Egypt.
- Certificate of Achievement for Satisfactory Completion the Training Program "Use of Technology in Teaching", Faculty and Leadership Development Center (FLDC), (15h) In the period from 1st until 3rd February 2010, Assiut University, Egypt.
- Certificate of Achievement for Satisfactory Completion the Training Program "Strategic Planning", Faculty and Leadership Development Center (FLDC), (15h) In the period from 8th until 10th May 2010, Assiut University, Egypt.
- Certificate of Achievement for Satisfactory Completion the Training Program "How to Compete for a Research Fund", Faculty and Leadership Development Center (FLDC), (15h) In the period from 7th until 9th June 2010, Assiut University, Egypt.
- Certificate of Achievement for Satisfactory Completion the Training Program "Code of Ethics", Faculty and Leadership Development Center (FLDC), (15h) In the period from 28th until 30th September 2010, Assiut University, Egypt.
- Certificate of Achievement for Satisfactory Completion the Training Program "E-Learning", Faculty and Leadership Development Center (FLDC), (15h) In the period from 9th until 11th June 2010, Assiut University, Egypt.
- Certificate of Achievement for Satisfactory Completion the Training Program "Finite Element Modeling Using COMSOL Multiphysics", Elnady Engineering & Agencies, January 2013.
- Attend a Scientific Symposium Entitled "University Ethics" at the Faculty of Science Assiut University, New Valley branch on Monday 20/3/2017.
- Certificate of Achievement for Satisfactory Completion the Training Program "Design and Conduct Scientific Research", Faculty and Leadership Development Center (FLDC), (15h) In the period from 8th until 9th January 2018, Assiut University, Egypt.
- Certificate of Achievement for Satisfactory Completion the Training Program "Code of Ethics", Faculty and Leadership Development Center (FLDC), (15h) In the period from 14th until 15th January 2018, Assiut University, Egypt.

- Certificate of Achievement for Satisfactory Completion the Training Program "Advanced E-Learning", Faculty and Leadership Development Center (FLDC), (15h) In the period from 25th until 26th February 2018, Assiut University, Egypt.
- Certificate of Achievement for Satisfactory Completion the Training Program "Skills of Reviewing Literature Research and Previous Studies", Saudi Digital Library, 22th July 2018, Saudi Arabia.
- Certificate of Achievement for Satisfactory Completion the Training Program "Role of Virtual Platforms in the Management and Knowledge Economy", Saudi Digital Library, 24th July 2018, Saudi Arabia.
- Certificate of Achievement for Satisfactory Completion the Training Program "Postgraduate Students Treated with Standard English Language Tests", Saudi Digital Library, 27th October 2018, Saudi Arabia.
- Certificate of Achievement for Satisfactory Completion the Training Program "Learn Research Ways Using the Knowledge Base", Saudi Digital Library, 28th October 2018, Saudi Arabia.
- Certificate of Achievement for Satisfactory Completion the Training Program "Steps and Stages of Authoring Books", Saudi Digital Library, 29th October 2018, Saudi Arabia.
- Certificate of Achievement for Satisfactory Completion the Training Program "Reports Extraction Skills via JCR Database", Saudi Digital Library, 29th October 2018, Saudi Arabia.
- Certificate of Achievement for Satisfactory Completion the Training Program "ProQuest Database Use Skills", Saudi Digital Library, 29th October 2018, Saudi Arabia.
- Certificate of Achievement for Satisfactory Completion the Training Program "How to Guide Get Published", Saudi Digital Library, 30th October 2018, Saudi Arabia.
- Certificate of Achievement for Satisfactory Completion the Training Program "Methods and Skills of Books Marketing Globally", Saudi Digital Library, 30th October 2018, Saudi Arabia.
- Certificate of Achievement for Satisfactory Completion the Training Program "Skills and Arts of Converting Theses to books", Saudi Digital Library, 31th October 2018, Saudi Arabia.
- Certificate of Achievement for Satisfactory Completion the Training Program "The Best Method to Use Science Direct Database", Saudi Digital Library, 31th October 2018, Saudi Arabia.
- Certificate of Achievement for Satisfactory Completion the Training Program "Building Research Record for Researchers and Methods of Measuring Scientific Productivity", Saudi Digital Library, 31th October 2018, Saudi Arabia.
- Certificate of Achievement for Satisfactory Completion the Training Program "Technical Specifications of the Ideal Book", Saudi Digital Library, 3rd November 2018, Saudi Arabia.
- Certificate of Achievement for Satisfactory Completion the Training Program "Knowledge Database Use Skills", Saudi Digital Library, 4th November 2018, Saudi Arabia.
- Certificate of Achievement for Satisfactory Completion the Training Program "Askzad Database Use Skills", Saudi Digital Library, 4th November 2018, Saudi Arabia.
- Certificate of Achievement for Satisfactory Completion the Training Program "Optimize the Scopus Database", Saudi Digital Library, 5th November 2018, Saudi Arabia.
- Certificate of Achievement for Satisfactory Completion the Training Program "Author Workshop for Early Researchers", Saudi Digital Library, 6th November 2018, Saudi Arabia.
- Certificate of Achievement for Satisfactory Completion the Training Program "Mind Maps and Their Uses in University Study", Saudi Digital Library, 6th November 2018, Saudi Arabia.
- Certificate of Achievement for Satisfactory Completion the Training Program "How to Promote Your Research for Maximum Impact", Saudi Digital Library, 6th November 2018, Saudi Arabia.
- Certificate of Achievement for Satisfactory Completion the Training Program "Manage References by Using the Mendeley program", Saudi Digital Library, 8th November 2018, Saudi Arabia.

- Certificate of Achievement for Satisfactory Completion the Training Program "Modern Trends in Education and Information Technologies", Saudi Digital Library, 10th November 2018, Saudi Arabia.
- Certificate of Achievement for Satisfactory Completion the Training Program "Strategic Planning of IT Institutions", Saudi Digital Library, 11th November 2018, Saudi Arabia.
- Certificate of Achievement for Satisfactory Completion the Training Program "Scientific Documentation in researches with A.P.A. System", Saudi Digital Library, 11th November 2018, Saudi Arabia.
- Certificate of Achievement for Satisfactory Completion the Training Program "Sage Journals Use Skills", Saudi Digital Library, 12th November 2018, Saudi Arabia.
- Certificate of Achievement for Satisfactory Completion the Training Program "Strategies for Self-Learning in the Digital Environment", Saudi Digital Library, 13th November 2018, Saudi Arabia.
- Certificate of Achievement for Satisfactory Completion the Training Program "CABI Database Use Skills", Saudi Digital Library, 13th November 2018, Saudi Arabia.
- Certificate of Achievement for Satisfactory Completion the Training Program "Basics of Learning Excel", Saudi Digital Library, 14th November 2018, Saudi Arabia.
- Certificate of Achievement for Satisfactory Completion the Training Program "Scientific Construction of the Questionnaire as a Tool for Collecting Research Data", Saudi Digital Library, 14th November 2018, Saudi Arabia.
- Certificate of Achievement for Satisfactory Completion the Training Program "IOPscience Database Use Skills", Saudi Digital Library, 14th November 2018, Saudi Arabia.
- Certificate of Achievement for Satisfactory Completion the Training Program "Emerald Database Use Skills", Saudi Digital Library, 15th November 2018, Saudi Arabia.
- Certificate of Achievement for Satisfactory Completion the Training Program "Scientific Writing and Publishing Advantages with IGI", Saudi Digital Library, 15th November 2018, Saudi Arabia.
- Certificate of Achievement for Satisfactory Completion the Training Program "King Saud University Publishing House Database", Saudi Digital Library, 20th November 2018, Saudi Arabia.
- Certificate of Achievement for Satisfactory Completion the Training Program "Emerald Database Use Skills", Saudi Digital Library, 20th November 2018, Saudi Arabia.
- Certificate of Achievement for Satisfactory Completion the Training Program "Academic Writing Criteria", Saudi Digital Library, 21th November 2018, Saudi Arabia.
- Certificate of Achievement for Satisfactory Completion the Training Program "Academic Integrity and Scientific Research", Saudi Digital Library, 22th November 2018, Saudi Arabia.
- Certificate of Achievement for Satisfactory Completion the Training Program "Information Awareness in the Mobile Environment", Saudi Digital Library, 24th November 2018, Saudi Arabia.
- Certificate of Achievement for Satisfactory Completion the Training Program "Use of Dictionaries to Write Terms for Graduate Research", Saudi Digital Library, 25th November 2018, Saudi Arabia.
- Certificate of Achievement for Satisfactory Completion the Training Program "Skills of the Information Trainer in the Digital Environment", Saudi Digital Library, 25th November 2018, Saudi Arabia.
- Certificate of Achievement for Satisfactory Completion the Training Program "IGI Global Platform Training Database Use Skills", Saudi Digital Library, 26th November 2018, Saudi Arabia.

- Certificate of Achievement for Satisfactory Completion the Training Program "Web of Science Database Use Skills", Saudi Digital Library, 28th November 2018, Saudi Arabia.
- Certificate of Achievement for Satisfactory Completion the Training Program "Cyber Security", Northern Border University, 12-14th April 2020, Saudi Arabia.
- Certificate of Achievement for Satisfactory Completion the Training Program "Critical Thinking", Faculty and Leadership Development Center (FLDC), (6h) In the period from 20th until 21st January 2024, Cairo University, Egypt.
- Certificate of Achievement for Satisfactory Completion the Training Program "Exams System and Evaluating Students", Faculty and Leadership Development Center (FLDC), (6h) In the period from 22nd until 23rd January 2024, Cairo University, Egypt.
- Certificate of Achievement for Satisfactory Completion the Training Program "Problem-Based Learning", Faculty and Leadership Development Center (FLDC), (6h) In the period from 24th until 25th January 2024, Cairo University, Egypt.
- Certificate of Achievement for Satisfactory Completion the Training Program "Effective Leadership Art", Faculty and Leadership Development Center (FLDC), (6h) In the period from 24th until 25th January 2024, Cairo University, Egypt.
- **Ranked in the top 2% of the most distinguished scientists in 2020 in scientific research at Stanford University in collaboration with Elsevier and Scopus.**
- Certificate of the most prolific researcher in scientific research from Northern Border University for the year 2020.
- **Ranked in the top 2% of the most distinguished scientists in 2021 in scientific research at Stanford University in collaboration with Elsevier and Scopus.**
- Certificate of the most prolific researcher in scientific research from Northern Border University for the year 2021.
- **Ranked in the top 2% of the most distinguished scientists in 2022 in scientific research at Stanford University in collaboration with Elsevier and Scopus.**
- **Ranked in the top 2% of the most distinguished scientists in 2023 in scientific research at Stanford University in collaboration with Elsevier and Scopus.**
- **Ranked in the top 2% of the most distinguished scientists in 2024 in scientific research at Stanford University in collaboration with Elsevier and Scopus.**
- **Ranked in the top 2% of the most distinguished scientists in 2025 in scientific research at Stanford University in collaboration with Elsevier and Scopus.**

Others Activates

- Head of IT Infrastructure (ICTP), 14-01-IS-NIS 7/2013 until 6/2018.
- Member of the Quality and Accreditation Unit at the New Valley Faculty of Education from 2004- until 2012.
- Head of Data bases and electronic authentication team in the New Valley Faculty of Education from 2004- until 2012.
- Trainer at the Computer, Languages and Translation Center at the New Valley Faculty of Education from 2000- 2018.
- ICDL trainer at Computer, Languages and Translation Center at the New Valley Faculty of Education from 2000- 2018.

- Head of the Innovation and Entrepreneurship Unit at the Scientific Research Center, Deanship of Scientific Research, Northern Border University, from April 14, 2025 until now.
- Director of the Academic Measurement and Evaluation Unit - College of Business Administration - Northern Border University from October 31, 2023 until now.
- Designer and developer of the college's and CIQAP's Homepage.
- Editorial Board Member of ***British Journal of Mathematics & Computer Science.*** (*http://sciencedomain.org/journal/6/editorial-board-members*).
- Editorial Board Member of ***Journal of Advances in Mathematics and Computer Science.***

  (*http://www.sciencedomain.org/journal/68/editorial-board-members*)
- Editorial Board Member of ***SCIREA Journal of Mathematics.*** (*http://www.scirea.org/journal/EditorialBoard?JournalID=11000*).
- Editorial Board Member of ***Mathematics and Computer Science Journal.*** (*http://www.sciencepublishinggroup.com/journal/editorialboard?journalid=247*).
- Editorial Board Member of ***FDMP: Fluid Dynamics & Materials Processing Journal.*** (*http://www.techscience.com/fdmp/editor_board.html*).
- International Advisory Panel of ***Journal of Advanced Research in Numerical Heat Transfer.***

  (*http://www.akademiabaru.com/arnht_editorialboard.html*).
- Reviewer in many Journals such as: Aerospace Journal (2), Ain Shams Engineering Journal (1), Alexandria Engineering Journal (1), Applied Nanoscience (2), Applied Sciences (1), Arabian Journal for Science and Engineering (5), Asia-Pacific Journal of Chemical Engineering (1), Axioms Journal (2), Coatings Journal (4), Colloids and interfaces Journal (3), Computation Journal (3), Energies Journal (24), Energy & Environment Journal (2), Engineering Applications of Computational Fluid Mechanics (4), Entropy. (18), Environmental Progress & Sustainable Energy. (1), Fluids Journal (23), Fractal and Fractional Journal (2), Heat Transfer - Asian Research Journal (46), International Journal for Numerical Methods in Fluids (2), International Journal of Ambient Energy (3), International Journal of Applied and Computational Mathematics (1), International Journal of Modelling & Simulation (7), International Journal of Modern Physics B. (15), International Journal of Numerical Methods for Heat & Fluid Flow. (2), International Journal of Thermofluids (2), International nano letters. (8), Inventions Journal (2), Journal of Algorithms & Computational Technology (1), Journal of Physics Communications (1), Journal of Taibah University for Science (2), Journal of the Brazilian Society of Mechanical Sciences and Engineering (3), Journal of Thermal Analysis and Calorimetry (14), Journal of thermal analysis and calorimetry (1), Machines Journal (2), Materials Journal (1), Mathematical and Computational Applications (2), Mathematical Methods in the Applied Sciences. (1) Mathematics and Computers in Simulation (2), Meccanica (1), Micromachines (4), Multidiscipline Modeling in Materials and Structures (2), Nanomaterials (9), Nanoscale Advances (2), Numerical Heat Transfer (2), Numerical Heat Transfer (2), Numerical Methods for Partial Differential Equations (4), Physica Scripta (14), Physics. (3), PloS one. (4), Polymers. (4), Probabilistic Engineering Mechanics (2), Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science (25), Progress in Reaction Kinetics and Mechanism (2),

Propulsion and Power Research (11), Results in Physics (2), Science Progress (2), SN Applied Sciences (2), South African Journal of Chemical Engineering (1), Sustainability (6), Symmetry. (3), Water. (6), Waves in random and complex media. (21), Zeitschrift für angewandte Mathematik und Mechanik (3), Zeitschrift für Naturforschung (1).

- **For read the peer-reviewed papers:** ***https://orcid.org/0000-0003-2479-9809***

Work Experience:

24/11/1999 – 7/6/2009:	Demonstrator in the Faculty of Education in New Valley - Assiut University.
8/6/2009 – 28/7/2012	Assistant Lecturer in the Faculty of Education in New Valley - Assiut University.
29/7/2012 –30/9/2013	Lecturer of Mathematics and Computer Science in the Faculty of Education in New Valley - Assiut University.
1/10/2013 – 25/11/2018	Assistant Professor of Mathematics and Computer Science in the Faculty of Science in New Valley Branch- Assiut University.
26/11/2018 – Until now	Associate Professor of Mathematics in the Faculty of Science in New Valley University.

Administrative Positions:

1/7/2009 – 28/7/2012	Member of the administrative team of CIQAP project, New Valley faculty of Education, Assuit University.
29/7/2012 – 30/7/2013	Head of Data bases team of CIQAP project, New Valley faculty of Education, Assuit University.
1/7/2013 – 23/6/2018	Supervisor of Assiut University network center, New Valley Branch.
1/10/2013 – 23/6/2018	Head of IT Infrastructure (ICTP), 17-01-IS-NIS, New Valley Branch – Assiut University.
22/9/1442H – until now	Supervisor of the Department of Basic Sciences at the Deanship of the Preparatory Year and Supporting Studies at the Northern Border University from 9/22/1442 H until now.
16/4/1445 – Until now	Head of the Measurement and Academic Evaluation Unit at the College
7/9/1444 – Until now	Member of the Committee for the Development of the Financial and Actuarial Sciences Program
28/8/2022 – Until now	Coordinator of standardized tests at the University Vice Presidency for Academic Affairs
28/8/2022 - Until now	Member of many strategic plan initiatives at Northern Border University
1/10/2023 - Until now	Member of the Society of Actuaries from 10/1/2023 – until now.

Academy Teaching courses:

- Mathematics foundations.
- Introduction to calculus & multivariable calculus
- Introduction to discrete mathematics & logic
- Introduction to probability
- Topics in vector calculus

- Numerical analysis
- Differential equations.
- Plane analytic geometry
- Linear algebra
- Special topics in Applied Mathematics.
- Fluid mechanics
- Boundary value problems
- Statics& dynamics courses.
- Heat & mass transfer courses.
- MATLAB Program.
- Computer mathematics courses.
- Fluids dynamics and elasticity.
- Mathematical methods.
- Mathematical and statistical packages.
- Mathematical modeling.
- Administrative mathematics.
- Descriptive statistics.

Theses:

1. Kasseb L. Mahny, Some Problems in Heat Transfer of Non-Newtonian Nanofluids Flow, Ph.D., Sohag University, Faculty of Science; Department of Mathematics, 2018. (Awarded)
2. Mohamed A. Nafe, Convective Heat Transfer Performance of Magnetic Nanofluids Flowing via Porous Materials, M.Sc., New Valley University, Faculty of Science; Department of Mathematics, 2020, (Awarded)

Reviewed Theses:

1. Vidya Shree V, Effect of Magnetic Field Dependent Viscosity on Darcy-Brinkman Ferroconvection, Ph.D. thesis, Department of Mathematics, School of Engineering, Presidency University, Bengaluru, India. (6 February 2023).
2. Kishor Kumar Prusty, Heat and Mass Transfer in MHD Free Convective Flow of Micropolar Fluids, Ph.D. thesis, Department of Mathematics, Institute of Technical Education and Research, Siksha 'O' Anusandhan (Deemed to be University), Bhubaneswar-751030, Odisha, India. (18 February 2023).
3. Rajesh Kumar Sahoo, Theoretical Investigation on MHD Nanofluid Flow in Different Geometries, Ph.D. thesis, Siksha 'O' Anusandhan (Deemed to be University), (26 July 2025).

Research Skills:

Extensive knowledge of DATA BASE, BASIC, FORTRAN, MATLAB, MATHEMATICA and MAPLE programs.

Publications

1. F.M. Hady, F.S. Ibrahim, S.M. Abdel-Gaied, Mohamed R. Eid, Influence of chemical reaction on mixed convection of non-Newtonian fluids along non-isothermal horizontal surface in porous media, *Proceedings of the World Congress on Engineering*, WCE 2008, 3, 1713-1719, 2008.

2. F.S. Ibrahim, F.M. Hady, S.M. Abdel-Gaied, Mohamed R. Eid, Influence of chemical reaction on heat and mass transfer of non-Newtonian fluid with yield stress by free convection from vertical surface in porous medium considering Soret effect, *Applied Mathematics and Mechanics (Eng.- Edi.)* 31(6) (2010) 675–684.

3. S.M. Abdel-Gaied, Mohamed R. Eid, Natural convection of non-Newtonian power-law fluid over axisymmetric and two-dimensional bodies of arbitrary shape in a fluid-saturated porous medium, *Applied Mathematics and Mechanics (Eng.- Edi.)* 32(2) (2011) 179–188.

4. F.M. Hady, F.S. Ibrahim, S.M. Abdel-Gaied, Mohamed R. Eid, Boundary-layer flow in a porous medium of a non-Newtonian nanofluid past a vertical surface with yield stress, *Third International Conference on NANO-TECHNOLOGY IN CONSTRUCTION (NTC 2011) NANO-TECHNOLOGY FOR ECO-FRIENDLY AND DURABLE CONSTRUCTION*, 17-18 April, 2011 Cairo, Egypt, Accepted.

5. F.M. Hady, F.S. Ibrahim, S.M. Abdel-Gaied, Mohamed R. Eid, Natural convection boundary-layer flow from a vertical cone embedded in a porous medium filled with nanofluids, *The 3rd Scientific Conference for Young Researchs "Basic Science & Technology"* 19–20 April (2011) Assiut, Egypt.

6. F.M. Hady, F.S. Ibrahim, S.M. Abdel-Gaied, Mohamed R. Eid, Effect of heat generation or absorption on natural convective boundary-layer flow from a vertical cone embedded in a porous medium filled with non-Newtonian nanofluid, *International Communication in Heat and Mass Transfer* 38 (2011) 1414–1420.

7. F.M. Hady, F.S. Ibrahim, S.M. Abdel-Gaied, Mohamed R. Eid, Influence of yield stress on free convective boundary-layer flow of a non-Newtonian nanofluid past a vertical plate in a porous medium, *Journal of Mechanical Science and Technology* 25 (8) (2011) 2043–2050.

8. F.M. Hady, F.S. Ibrahim, S.M. Abdel-Gaied, Mohamed R. Eid, Boundary-layer non-Newtonian flow over a vertical plate in a porous medium saturated with a nanofluid, *Applied mathematics and Mechanics (Eng. Edi.)* 32(12) (2011) 1577–1586.

9. F. M. Hady, F.S. Ibrahim, S.M. Abdel-Gaied, Mohamed R. Eid, Radiation effect on viscous flow of a nanofluid and heat transfer over a non-linearly stretching sheet, *Nanoscale Research Letters* 7 (2012) 229–242.

10. F.M. Hady, F.S. Ibrahim, S.M. Abdel-Gaied, Mohamed R. Eid, Boundary-Layer Flow in a Porous Medium of a Nanofluid Past a Vertical Cone, *Chapter (4) of the book "An Overview of Heat Transfer Phenomena"*, ISBN 978-953-51-0827-6, edited by Salim N. Kazi, 91–104.

11. F.M. Hady, Mohamed R. Eid, M.R. Abd-Elsalam, M.A. Ahmed, Soret effect on natural convection boundary-layer flow of a non-Newtonian nanofluid over a vertical cone embedded in a porous medium, *IOSR Journal of Mathematics (IOSR-JM)* 8 (4) (2013) 51–61.

12. S.M. Abdel-Gaied, Mohamed R. Eid, Mixed convection flow of nanofluids over a vertical surface embedded in a porous medium with temperature dependent viscosity, *2nd International Conference on Applied, Numerical and Computational Mathematics, Morioka City, Iwate, Japan, http://wseas.org/wseas/cms.action?id=4016,* (2013).

13. F.M. Hady, Mohamed R. Eid, M.R. Abd-Elsalam, M.A. Ahmed, The Blasius and Sakiadis flow in a nanofluid through a porous medium in the presence of thermal radiation under a convective surface boundary condition, *International Journal of Engineering and Innovative Technology* 3 (3) (2013), 225–234.

14. F.M. Hady, Mohamed R. Eid, M.A. Ahmed, A nanofluid Flow in a non-linear stretching surface saturated in a porous medium with yield stress effect, *Applied Mathematics & Information Science Letters* 2 (2) (2014) 43–51.

15. F.M. Hady, Mohamed R. Eid, M.A. Ahmed, Slip effects on unsteady MHD stagnation point flow of a nanofluid over stretching sheet in a porous medium with thermal radiation, *Journal of Pure and Applied Mathematics: Advances and Applications* 12 (2) (2014) 181–206.

16. Mohamed R. Eid, S.M. Abdel-Gaied, A.A. Idarous, On effectiveness chemical reaction on viscous flow of a non-Darcy nanofluid over a non-linearly stretching sheet in a porous medium, *Jokull Journal* 65 (12) (2015) 76–92.

17. Mohamed R. Eid, Chemical reaction effect on MHD boundary-layer flow of two-phase nanofluid model over an exponentially stretching sheet with a heat generation, *Journal of Molecular Liquids* 220 (2016) 718–725.

18. Mohamed R. Eid, Time-dependent flow of water-NPs over a stretching sheet in a saturated porous medium in the stagnation-point region in the presence of chemical reaction, *Journal of Nanofluids* 6 (3) (2017) 550–557.

19. Mohamed R. Eid, S.R. Mishra, Exothermically reacting of non-Newtonian fluid flow over a permeable non-linear stretching vertical surface with heat and mass fluxes, *Computational Thermal Sciences*, 9 (4) (2017) 283–296.

20. Mohamed R. Eid, K.L. Mahny, Unsteady MHD heat and mass transfer of a non-Newtonian nanofluid flow of a two-phase model over a permeable stretching wall with heat generation/absorption, *Advanced Powder Technology* 28 (11) (2017) 3063–3073.

21. Mohamed R. Eid, A. Alsaedi, T. Muhammad, T. Hayat, Comprehensive analysis of heat transfer of gold-blood nanofluid (Sisko-model) with thermal radiation, *Results in Physics* 7 (2017) 4388–4393.

22. Mohamed R. Eid, K.L. Mahny, Flow and heat transfer in a porous medium saturated with a Sisko nanofluid over a non-linearly stretching sheet with heat generation/absorption, *Heat Transfer–Asian Research* 47 (2018) 54–71.

23. Mohamed R. Eid, K.L. Mahny, T. Muhammad, M. Sheikholeslami, Numerical treatment for Carreau nanofluid flow over a porous nonlinear stretching surface, *Results in Physics* 8 (2018) 1185–1193.

24. A. Wakif, Z. Boulahia, F. Ali, Mohamed R. Eid, R. Sehaqui, Numerical analysis of the unsteady natural convection MHD Couette nanofluid flow in the presence of thermal radiation using single and two-phase nanofluid models for Cu–water nanofluids, *International Journal of Applied and Computational Mathematics* 4 (2018) 81.

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Experiences:

- Operate PCs
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- Teaching in (AUN) courses in Most courses of undergraduates of Mathematics – Dos – Windows – Word – PowerPoint – Excel –Internet – Html – Access – Object-Oriented Programming – Visual Basic L. – Fortran L. – Macromedia Director – Graphic Buttons Studio – Dream Weaver CS5.

I hereby certify that the above details are true and correct to the best of my knowledge and belief and assuring a most valid service to any employer who may require my professional service.

Signature



Prof. Dr. Mohamed R. Eid