

CURRICULUM VITAE

# A. Details

* Name : Assoc. Prof. Dr. Mohd Zuki Bin Salleh
* IC No : 690505-03-5315
* Address : Applied and Industrial Mathematics

Research Group (AIMs),

Faculty of Industrial Science and Technology,

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* E-mail : [zuki@ump.edu.my](mailto:zuki@ump.edu.my) or [zukikuj@yahoo.com](mailto:zukikuj@yahoo.com)
* Position Held : Associate Professor (DS 54)
* H-index : Scopus (12); Google scholar (15)

# B. Educational Qualifications

* PhD (Mathematics) - Applied Mathematics, 2011. UKM.
* MSc (Mathematics) - Applied Mathematics, 2004. UTM.
* Bachelor Science (Hons) - Mathematics, 1992. UPM.

## D. Appreciation, Administration, Committee and Other Responsibilities

1. **Appreciation/ Ackownledgement**

* Penerima Hadiah Sanjungan sempena Malam Anugerah Cendekia Bitara 2017, 2016, 2015,2014, 2013, 2012, 2011, 2010, 2009 : Kategori Penerbitan
* Penerima Anugerah Cendekia Bitara sempena Malam Anugerah Cendekia Bitara 2014: Kategori Penerbitan (Jurnal)
* Penerima Sijil Anugerah Pekerja Cemerlang **(APC),** 2007.

1. **Administration**

* **Head of Programme Science** (2014 – now)
* **Leader –**AIMS Research Group, Faculty of Industrial Science and Technology, FIST, UMP (2011 – 2014).
* **Leader –** Applied & Industrial Mathematics Focus Group, Science Programme, FIST, UMP (2012 – 2014).

1. **Exhibitions**
2. Abdul Rahman Mohd Kasim,, **Mohd Zuki Salleh**, Norhayati Rosli, Nor Aida Zuraimi Md Noar, The development of numerical tool on a boundary layer flow of non Newtonian fluid model, Creation, Innovation, Technology and Research Exposition (CiTReX) 2017, 15th - 16th March 2013, Universiti Malaysia Pahang – Silver Medals.
3. Norhayati Rosli, Yuhani Yusof, Nadirah Mohd Nasir, **Mohd Zuki Salleh**, Arifah Bahar, Madihah Md Salleh, Stochastic Modelling of Solvent Production by C. Acetobutylicum P262 in Fermentation Process, Creation, Innovation, Technology and Research Exposition (CiTReX) 2013, 27th - 28th March 2013, Universiti Malaysia Pahang – Silver Medals.
4. M.K. A. Mohamed, N. M. Nasir, N. S. Khasi‟ie, R. Jusoh, N. H. Moslim, E. M. Zaihidee, **M. Z. Salleh** (2013), Magnetohydrodynamic Effects on Stagnation Point Flow Past a Stretching Sheet in Presence of Thermal Radiation with Newtonian Heating, Creation, Innovation, Technology & Research Exposition (CITREx 2013), UMP, 25-27 March 2013, University Malaysia Pahang (UMP) – certificate.
5. Norhafizah M.S, **M.Z Salleh**, R. M. Tahar and R. Nazar (2013) Radiation Effects on MHD Flow and Heat Transfer over a Stretching Sheet with Convective Boundary Conditions, Creation, Innovation, Technology & Research Exposition (CITREx 2013), UMP, 25-27 March 2013, University Malaysia Pahang (UMP) – certificate.
6. **Mohd Zuki Salleh**, Muhammad Khairul Anuar Mohamed, Nadirah Mohd Nasir, Najiyah Safwa Khasi’ie, Rahimaj Jusoh@Awang, Norhafizah Moslim, Ezrinda Mohd Zahidie, 2012. Numerical investigation of stagnation point flow over a stretching sheet with Newtonian heating. CITREx 2012. 27-28 March 2012, University Malaysia Pahang (UMP) – certificate.
7. **Mohd Zuki Salleh**, Muhammad Khairul Anuar Mohamed, Iskandar Waini, 2012. Numerical solutions of the boundary layer flow and heat transfer over a stretching sheet with constant wall temperature and heat flux. CITREx 2012. 27-28 March 2012, University Malaysia Pahang (UMP) – certificate.
8. Najihah Mohamed, **Mohd Zuki Salleh**, Roziena Khairuddin, Najiyah Safwa Khasi’ie, Roslindar Nazar, 2012. Numerical investigation of free convection over a permeable horizontal flat plate embedded in aporous medium with radiation effects. CITREx 2012. 27-28 March 2012, University Malaysia Pahang (UMP) – certificate.
9. **Copyright/Patern**

* Matlab coding for aligned magnetic field on the boundary layer and heat transfer with Newtonian heating (LY2017002359; Universiti Malaysia Pahang; Leader: Dr Abdul Rahman, Member: **Mohd Zuki Salleh**, Nur Syamillah Binti Arifin, Syazwani Mohd Zokri)

**5. Consultation**

* Perundingan/Latihan kepada Kolej Kemahiran Tinggi Mara Kuantan (UCT170308)

**6. Other Responsibilities**

* Ahli Seumur Hidup, [Persatuan Sains Matematik Malaysia (PERSAMA)](http://www.tmsk.itm.edu.my/%7Epersama/).
* Academic Editor – Journal of Advances in Mathematics and Computer Science (Sciencedomain international; 2017- until now)
* Academic Editor – British Journal of Mathematics & Computer Science (Sciencedomain international; 2015- 2017)
* Advisory Board Member - Journal of Statistics and Mathematics (Bioinfo Publication, valid until 14/2/2016)
* Juruaudit dalam bagi AQMS (UMP) – (PBMSK 1/2/2017 dan FIST 16/8/2017)
* Editorial Team – International Journal of Transformation in Applied Mathematics and Statistics (2017- until now)
* Penilai Luar kenaikan Pangkat DS52 ke DS54 staf UTHM, 2017
* External experts for the technical review panel (Assistant Prof to Associate Professor for staff Department of Mathematics, COMSATS, Pakistan), 2017
* Scientific Commitee ICoAIMS 2017
* Chairman, ICoAIMS 2017 and ICoAIMS 2019
* Reviewer in National/International Journal:

- Applied Thermal Engineering; British Journal of Mathematics & Computer Science; Engineering Mathematics; Frontiers in Heat and Mass Transfer; International Journal of Thermal Sciences; Heat Transfer- Asian Research; Jurnal Kalam; Jurnal Results in Physics; Sains Malaysiana; Journal of Advances in Mathematics and Computer Science; Journal of the Brazilian Society of Mechanical Sciences and Engineering; Malaysian Journal of Fundamental and Applied Sciences.

* Invited Speaker, The 2 International Conference on Financial Mathematics and Numerical Optimization 2017 (ICFMNO), Jurnal KALAM.
* Reviewer Journal: International Journal of Applied and Computational Mathematics, Springer.
* Scientific Committee 2nd International Conference and Workshop on Mathematical Analysis ICWOMA 2016, 2-4 August 2016, Langkawi (INSPEM UPM).
* Scientific Committee The International Conference on Mathematics: Pure, Applied and Computation 2017 (ICoMPAC), organized by the Institut Teknologi Sepuluh Nopember, 23 November 2016, Hotel Pullman Surabaya City in Surabaya, Indonesia.
* Guest Lecturer, Institut Teknologi Sepuluh Nopember, 28-29 November 2015.

## E. Grant

**Leader:**

1. RDU 170358 (UMP). Mathematical Modelling on MHD convectionboundary layer flow over horizontal circular cylinder and sphere in Jeffrey fluid with viscous dissipation, 15/4/2017-14/4/2019, RM28,800.00

Leader: **Dr Mohd Zuki Salleh** Ahli:Norhafizah Md Dr Abdul Rahman Mohd Kasim, Dr Zulkhibri Ismail.

1. RDU 150101 (FRGS). Mathematical Modelling for the convective boundary layer flow in a viscous and nanofluid with slip comditions and viscous dissipation, 15/1/2015-14/01/2018, RM123,000.00

Leader: **Dr Mohd Zuki Salleh.** Ahli:Norhafizah Md Sarif, Dr Abdul Rahman Mohd Kasim, Prof Dr Anuar Ishak (UKM)

1. RDU 140111 (FRGS). Modelling of radiation effects on Magnetohydrodynamic (MHD) convection over sphere and cylinder with convective boundary conditions, 1/7/2014 -30/6/2016, FRGS, RM80,200.00

Leader: **Dr Mohd Zuki Salleh.** Ahli:Dr Norhayati Rosli, Dr Nor Aida Zuraimi Md Noar, Norhafizah Md Sarif, Prof Dr Roslinda Nazar (UKM)

1. RDU 121302 (RACE). The convection boundary layer flow over a horizontal circular cylinder with Convective Boundary Conditions, 15/11/2012-14/11/ 2015, RACE, RM45,000.00

Leader: **Dr Mohd Zuki Salleh.** Ahli:Dr Norhayati Rosli, Norhafizah Md Sarif

1. RDU 120390 (UMP). Mathematical models of MHD Flow and heat transfer for the Upper-Convected Maxwell Fluid over a Stretching/Shrinking Sheet. 1/10/2012-30/9/2014. RM13,000.00

Leader: **Dr Mohd Zuki bin Salleh**. Ahli: Dr. Norhayati bt Rosli, Farahani bt Mohd Saimi, Siti Mariam bt Mohd Ariff, Nor Azila bt Che Musa

1. RDU 110390 (UMP). Mathematical models for the convection boundary layer flow over a horizontal circular cylinder with Newtonian heating or under mixed thermal boundary conditions. 01/10/2011- 30/09/ 2013. RM20,500.00

Leader: **Dr** **Mohd Zuki Bin Salleh.** Ahli: Nor Hafizah Binti Moslim, Ezrinda Binti Mohd Zaihidee, Rahimah Binti Jusoh@Awang, Najiyah Safwa Binti Khashi’ie dan Nadirah Binti Mohd Nasir.

1. RDU 110108 (FRGS). Leader. Modeling of Boundary Layer Flow and Heat Transfer in a Viscous Fluid with Newtonian Heating or Under Mixed Thermal Boundary Conditions, 08/07/2011 – 08/07/ 2013. RM85,000.00

Leader: **Mohd Zuki Bin Salleh.** Ahli: Najihah Binti Mohamed, Roziena Binti Khairuddin, Prof. Dr. Anuar Mohd Ishak (UKM), Prof. Dr. Roslinda Mohd Nazar (UKM), Zailan Siri (UM).

**Co-Reseacher:**

1. RDU 140108 (FRGS). FRGS, RM72,200.00

Leader:Dr Nor Aida Zuraimi Md Noar**.** Ahli:Dr Norhayati Rosli, **Dr Mohd Zuki Salleh**, Yuhani Yusof.

1. RDU 131405 (RAG). RM56,342.00

Leader: Nadirah Binti Nasir. Penyelidik: **Dr Mohd Zuki Salleh**, Zulkibri Ismail, Rahimah Jusoh.

1. RDU 130122 (FRGS). 1/12/2013-30/11/2016. RM108,800.00

Leader: Dr. Norhayati Bt Rosli. Ahli: **Dr. Mohd Zuki Bin Salleh**, PM Dr. Noraziah Bt Ahmad, Dr. Yuhani Bt Yusof, Nina Suhaity Bt Azmi, Prof. Solachuddin Jauhari Arief (UIAM), PM Dr Arifah Bakar (UTM).

1. RDU 121303 (RACE). 15 November 2012-15 December 2014. RM 46,000.

Leader: Dr Norhayati Rosli. Penyelidik: Yuhani Yusof, **Mohd Zuki Bin Salleh**, Nina Suhaity Azmi, Madihah Md Salleh & Arifah Bakar.

1. RDU 120362 (UMP). 15/7/2012- 14/6/ 2014. RM28000.00

Leader: Dr. Norhayati Bt Rosli. Ahli: **Dr. Mohd Zuki Bin Salleh**, PM Dr. Noraziah Bt Ahmad, Dr. Yuhani Bt Yusof, Nadirah Bt Mohd Nasir, Rahimah Bt Jusoh@ Awang

1. RDU 090308 (UMP). 1 Mei 09 – 30 April 2011. RM40000.00

Ketua: Najihah Binti Mohamed

Leader: **Mohd Zuki Bin Salleh,** Najiyah Safwa Binti Khashi’ie dan Rozienan Binti Khairuddin.

1. RDU 070303. Co-Researcher. 04 Jan 07 – 30 March 2008. RM40000.00

Leader: Gan Leong Ming. Ahli: Mohd Idzwanrosli Bin Mohd Ramli, Nik Mohd Izual Bin Nik Ibrahim, Mohd Fairusham Bin Ghazali dan **Mohd Zuki Bin Salleh**.

## F. Supervisions

**PhD – Main Supervisor (on going)**

1. Norhafizah Mohd Sarif (PSE12001), 18-02-2012.

Title: Mathematical Modelling For Convection Boundary Layer Flows With Newtonian Heating And Convective Boundary Conditions.

1. Syazwani Binti Mohd Zokri (PSE15005),

Title: Mathematical modelling on convective boundary layer flow of Jeffry fluid under convective boundary conditions.

1. Sidra Aman (PSE16002), 12-05-2016

Title: Chemical reaction of magnetic nano materials with magnetic field in mixed convection Poiseuille flow of nanofluid with Newtonian heating and thermal diffusion.

**PhD – Co-Supervisor (on going)**

1. Hussein Ali Mohammed Al-Shariff (PSE14001), 18-2-2014.
2. Anju V. Nair (PPT14008), 2-6-2014.

Title: Mathematical Modelling Of Fluids Structure Interactions With Structural Buckling

1. Ezrinda Mohd Zahidee (PSE14003), 18-02-2014.
2. Nur Syamilah Binti Arifin (PSE15006)
3. Syafiqah Binti Ayob (PSE)
4. Laila Amera Binti Aziz (PSE15001)
5. Muhammad Bilal (PSE15004)
6. Nur Faraidah Binti Muhammad Di (PSS15002)

**MSc – Main Supervisor (on going)**

1. Hasmawani Binti Hashim (MSE14001), 1-6-2014.

Title: Mixed convection boundary layer flow past an isothermal horizontal circular cylinder with temperature depend viscosity.

1. Nazila Binti Ishak (MSE12001), 1-12-2012.

Title: MHD flow and heat transfer for the upper-convected maaxwell fluid over a stretching/ shrinking sheet.

**Graduated:**

PhD (Mathematics) UMP – 1 (graduated)

1. Muhammad Khairul Anuar B Mohamed (PSE14004), 01-04-2014.

Title: Mathematical modelling for the convective boundary layer flow in a viscous and nanofluid with slip conditions and viscous dissipation.

1. Abid Husanan (PSE14002), 18-02-2014.

Title: Exact Solutions of unsteady free convection flow past an oscillating plate with Newtonian heating.

Status: Main Supervisor

1. Hamzeh Taha Salman Alkasasbeh (PSE13001), 18-02-2013.

Title: Numerical Solutions For Convective Boundary Layer Flow Over A Solid Sphere Of Newtonian And Non- Newtonian Fluid.

Status: Main Supervisor

1. Muhammad Imran Anwar; Department of Mathematical Sciences, Faculty of Science, UTM.

Status: Co-supervisor

Master Science (mathematics) UMP – 2 (graduated)

1. Muhammad Khairul Anuar B Mohamed (graduated)

Title: Mathematical Modeling for the Convection Boundary Layer Flow in a Viscous Fluid with Newtonian Heating and Convective Boundary Conditions

Status: Main-supervisor

1. Sayed Qasim Alavi (MSE13001), 1-05-2013.

Title: Mathematical Modeling For Convection Boundary Layer Flows Over A Sphere And Horizontal Circular Cylinder in a Micropolar Fluid Under Mixed Thermal Boundary Conditions.

Status: Main-supervisor.

1. Norhaizan Binti Yaakub; CGS 00466706 (OUM)

Title: Masalah keciciran pendidikan dalam kalangan orang asli. Open University Malaysia, Jalan Tun Ismail, Kuala Lumpur, Federal Territory of Kuala Lumpur.

Status: Main-supervisor

## G. Publications

1. **Thesis**
2. **Mohd Zuki Salleh (2011)** Mathematical modelling for convection boundary layer flows with Newtonian heating (Pemodelan matematik bagi aliran lapisan sempadan olakan dengan pemanasan Newtonan), phD. Thesis, Universiti Kebangsaan Malaysia.
3. **Mohd Zuki Salleh** **(2004)** Mathematical models for the boundary layer flow due to a moving flat plate in micropolar Fluid, M Sc. Thesis, Universiti Teknologi Malaysia.
4. **Books/Modules/Monographs/Report**

**2017**

1. Final Research Project Report RDU140111
2. Module Numerical Method (BUM2313)- 2nd Ed

**2016**

1. Module Numerical Method (BUM2313)

**2014**

1. Module Ordinary Differential Equations (BUM2133)
2. Module Numerical Method (BUM2313)- 1st Ed
3. Book Chapter: M.K.A Mohamed,M. I. Anwar, S. Shafie, **M. Z. Salleh** and A. Ishak (2014), Effects of Magnetohydrodynamic on Stagnation Point Flow Past a Stretching Sheet in Presence of Thermal Radiation with Newtonian Heating, The International Conference on Mathematical Sciences and Statistics 2013, pp 155-163 (Springer Link).

**2013**

* 1. Final Research Project Report RDU120390: Mathematical Models of MHD Flow and Heat Transfer for the Upper-Convected Maxwell Fluid over a Stretching/Shrinking Sheet, UMP, 2015.
  2. Final Research Project Report RDU110108: Modelling of boundary layer flow and heat transfer in a viscous fluid with Newtonian heating and under mixed thermal boundary conditions, UMP, 2013.
  3. Final Research Project Report RDU110390: Mathematical models for the convection boundary layer flow over a horizontal circular cylinder with Newtonian heating and under mixed thermal boundary conditions, UMP, 2013.

1. **Journals**

**Published Journal:**

**2017**

1. A Hussanan, I Ahmed, MZ Salleh. (2018). Mathematical analysis of ferroparticles suspended Casson blood flow in vessels under external magnetic field. Biomath Communications Supplement 5 (1).
2. LA Aziz, ARM Kasim, MZ Salleh, S Shafie, WNSW Yusoff. (2017). Boundary layer flow of mixed convection viscoelastic micropolar fluid over a horizontal circular cylinder with aligned magnetohydrodynamic effect. Malaysian Journal of Fundamental and Applied Sciences 13 (4) (SCOPUS).
3. SQ Alavi, A Hussanan, ARM Kasim, N Rosli, MZ Salleh (2017). MHD Stagnation Point flow Towards an Exponentially Stretching Sheet with Prescribed wall Temperature and Heat Flux. International Journal of Applied and Computational Mathematics 3 (4), 3511-3523 (SCOPUS)..
4. NS Arifin, SM Zokri, ARM Kasim, MZ Salleh, NF Mohammad. (2017). Aligned magnetic field on dusty Casson fluid over a stretching sheet with Newtonian heating. Malaysian Journal of Fundamental and Applied Sciences 13 (3) (SCOPUS).
5. SM Zokri, NS Arifin, MKA Mohamed, MZ Salleh, ARM Kasim. (2017). Influence of radiation and viscous dissipation on magnetohydrodynamic Jeffrey fluid over a stretching sheet with convective boundary conditions. Malaysian Journal of Fundamental and Applied Sciences 13 (3) (SCOPUS).
6. MI Anwar, N Tanveer, MZ Salleh, S Shafie. (2017). Diffusive effects on hydrodynamic Casson nanofluid boundary layer flow over a stretching surface. Journal of Physics: Conference Series 890 (1), 012047 (SCOPUS).
7. YB Kho, A Hussanan, MKA Mohamed, NM Sarif, Z Ismail, MZ Salleh. (2017). Thermal radiation effect on MHD Flow and heat transfer analysis of Williamson nanofluid past over a stretching sheet with constant wall temperature. Journal of Physics: Conference Series 890 (1), 012034 (SCOPUS).
8. LA Aziz, ARM Kasim, MZ Salleh, NS Yusoff, S Shafie. (2017). Magnetohydrodynamics effect on convective boundary layer flow and heat transfer of viscoelastic micropolar fluid past a sphere. Journal of Physics: Conference Series 890 (1), 012003 (SCOPUS)..
9. AV Nair, ARM Kasim, MZ Salleh. (2017). A suitable numerical approximation for the thermal postbuckling behaviour of orthotropic circular plates. Journal of Physics: Conference Series 890 (1), 012061 (SCOPUS).
10. NS Arifin, SM Zokri, ARM Kasim, MZ Salleh, NF Mohammad, W Yusoff. (2017). Aligned magnetic field of two-phase mixed convection flow in dusty Casson fluid over a stretching sheet with Newtonian heating. Journal of Physics: Conference Series 890 (1), 012001.
11. N Ishak, H Hashim, MKA Mohamed, NM Sarif, N Rosli, MZ Salleh. (2017). Thermal radiation effects on stagnation point flow past a stretching/shrinking sheet in a Maxwell fluid with slip condition. Journal of Physics: Conference Series 890 (1), 012021 (SCOPUS)..
12. SM Zokri, NS Arifin, MZ Salleh, ARM Kasim, NF Mohammad, W Yusoff. (2017). MHD Jeffrey nanofluid past a stretching sheet with viscous dissipation effect. Journal of Physics: Conference Series 890 (1), 012002 (SCOPUS)..
13. MKA Mohamed, MZ Salleh, NAZM Noar, A Ishak. (2017). Effect of thermal radiation on laminar boundary layer flow over a permeable flat plate with Newtonian heating. Journal of Physics: Conference Series 890 (1), 012007 (SCOPUS).
14. MS Ramli, FAA Ghani, NAZM Noar, MZ Salleh, M Greenhow. (2017). Mathematical modelling of wave impacts on seaward-inclined seawall. Journal of Physics: Conference Series 890 (1), 012008 (SCOPUS).
15. S Aman, MZ Salleh, Z Ismail, I Khan. (2017). Exact solution for heat transfer free convection flow of Maxwell nanofluids with graphene nanoparticles. Journal of Physics: Conference Series 890 (1), 012004 (SCOPUS).
16. SM Zokri, NS Arifin, MKA Mohamed, MZ Salleh, ARM Kasim. (2017). Numerical solution on mixed convection boundary layer flow past a horizontal circular cylinder in a Jeffrey fluid with constant heat flux. AIP Conference Proceedings 1870 (1), 040034 (SCOPUS).
17. NS Arifin, SM Zokri, ARM Kasim, MZ Salleh, NF Mohammad. (2017). The aligned magnetic field of a dusty fluid flow over a stretching sheet. AIP Conference Proceedings 1870 (1), 040033 (SCOPUS).
18. MKA Mohamed, NAZM Noar, Z Ismail, ARM Kasim, NM Sarif, MZ Salleh. (2017). Slip effect on stagnation point flow past a stretching surface with the presence of heat generation/absorption and Newtonian heating. AIP Conference Proceedings 1867 (1), 020009 (SCOPUS).
19. A Hussanan, MZ Salleh, I Khan, RM Tahar. (2017). Heat Transfer in Magnetohydrodynamic Flow of a Casson Fluid with Porous Medium and Newtonian Heating. Journal of Nanofluids 6 (4), 784-793 (SCOPUS).
20. S Aman, I Khan, Z Ismail, MZ Salleh, QM Al-Mdallal. (2017). Heat transfer enhancement in free convection flow of CNTs Maxwell nanofluids with four different types of molecular liquids. Scientific reports 7 (1), 2445 (ISI)
21. MS Ramli, FAA Ghani, NAZM Noar, MZ Salleh, M Greenhow. (2017). Mathematical modeling of wave impacts on inclined seawall. AIP Conference Proceedings 1842 (1), 030009.
22. SM Zokri, NS Arifin, MKA Mohamed, MZ Salleh, ARM Kasim. (2017). Mixed convection boundary layer flow over a horizontal circular cylinder in a Jeffrey fluid. AIP Conference Proceedings 1842 (1), 030007 (SCOPUS)..
23. LA Aziz, ARM Kasim, HAM Al-Sharifi, MZ Salleh, NF Mohammad, S Shafie. (2017). Influence of aligned MHD on convective boundary layer flow of viscoelastic fluid. AIP Conference Proceedings 1842 (1), 030005 (SCOPUS).
24. NS Arifin, SM Zokri, LA Aziz, ARM Kasim, MZ Salleh, NF Mohammad. (2017). The aligned magnetic field with convective boundary conditions over a stretching sheet in a viscous fluid. AIP Conference Proceedings 1842 (1), 030006 (SCOPUS)..
25. AV Nair, ARM Kasim, MZ Salleh. (2017). Vibration analysis of circular plates in contact with fluid: A numerical approach. IOP Conference Series: Materials Science and Engineering 203 (1), 012021 (SCOPUS).
26. MKA Mohamed, NAZ Noar, MZ Salleh, A Ishak. (2017). Slip flow on stagnation point over a stretching sheet in a viscoelastic nanofluid. AIP Conference Proceedings 1830 (1), 020015 (SCOPUS).
27. HAM Al-Sharifi, ARM Kasim, MZ Salleh, S Shafie. (2017). Effect of aligned magnetohydrodynamics on convective boundary layer flow of Jeffrey micropolar fluid with Newtonian heating across a stretching sheet. AIP Conference Proceedings 1830 (1), 020049 (SCOPUS).
28. KY Bing, A Hussanan, MKA Mohamed, NM Sarif, Z Ismail, MZ Salleh. (2017). Thermal radiation effect on MHD flow and heat transfer of Williamson nanofluids over a stretching sheet with Newtonian heating

AIP Conference Proceedings 1830 (1), 020022 (SCOPUS).

1. A Hussanan, MZ Salleh, I Khan, S Shafie. (2017). Convection heat transfer in micropolar nanofluids with oxide nanoparticles in water, kerosene and engine oil. Journal of Molecular Liquids 229, 482-488 (ISI).
2. HAM Al-Sharifi, ARM Kasim, LA Aziz, MZ Salleh, S Shafie. (2017). Influence of Aligned Magneto Hydrodynamic of Jeffrey Fluid across a Stretching Sheet. Indian Journal of Science and Technology 10 (7) (SCOPUS).
3. HAM Al-Sharifi, ARM Kasim, MZ Salleh, S Shafie. (2017). Numerical Solutions on Flow and Heat Transfer of Non-Newtonian Jeffrey Micropolar Fluid. Indian Journal of Science and Technology 10 (7)
4. MKA Mohamed, MZ Salleh, NAZ Noar, A Ishak. (2017). Buoyancy effect on stagnation point flow past a stretching vertical surface with Newtonian heating. AIP Conference Proceedings 1795 (1), 020005 (SCOPUS).
5. S Aman, I Khan, Z Ismail, MZ Salleh, AS Alshomrani, MS Alghamdi. (2017). Magnetic field effect on Poiseuille flow and heat transfer of carbon nanotubes along a vertical channel filled with Casson fluid. AIP Advances 7 (1), 015036 (ISI)
6. A Hussanan, MZ Salleh, I Khan, S Shafie. (2017), Convection heat transfer in micropolar nanofluids with oxide nanoparticles in water, kerosene and engine oil. Journal of Molecular Liquids 229, 482-488 (ISI).
7. A Hussanan, I Ahmed, MZ Salleh. (2017). Mathematical Analysis of Nanoparticles Suspended Blood Flow in Vessels. Biomath Communications Supplement 4 (1)
8. SQ Alavi, A Hussanan, ARM Kasim, N Rosli, MZ Salleh. (2017). MHD Stagnation Point flow Towards an Exponentially Stretching Sheet with Prescribed wall Temperature and Heat Flux. International Journal of Applied and Computational Mathematics, 1-13 (SCOPUS)
9. MKA Mohamed, MZ Salleh, NAZ Noar, A Ishak. (2017). Buoyancy effect on stagnation point flow past a stretching vertical surface with Newtonian heating. AIP Conference Proceedings, 1795, 020005, doi: 10.1063/1.4972149 (SCOPUS)
10. MI Anwar, S Shafie, T Hayat, SA Shehzad, MZ Salleh. (2017). Numerical study for MHD stagnation-point flow of a micropolar nanofluid towards a stretching sheet. Journal of the Brazilian Society of Mechanical Sciences and Engineering 39(1), 89-100 (ISI).

**2016**

1. A Hussanan, MZ Salleh, I Khan, S Shafie. (2016). Convection heat transfer in micropolar nanofluids with oxide nanoparticles in water, kerosene and engine oil. Journal of Molecular Liquids, doi:10.1016/j.molliq.2016.12.040 (ISI)
2. Sidra Aman, Ilyas Khan, Zulkhibri Ismail, Mohd Zuki Salleh. (2017). Impacts of gold nanoparticles on MHD mixed convection Poiseuille flow of nanofluid passing through a porous medium in the presence of thermal radiation, thermal diffusion and chemical reaction. Neural Computing and Application, 1-9, doi:10.1007/s00521-016-2688-7 (ISI IF 2015:1.492, Q2).
3. A Hussanan, MZ Salleh, I Khan, S Shafie. (2016). Analytical solution for suction and injection flow of a viscoplastic Casson fluid past a stretching surface in the presence of viscous dissipation. Neural Computing and Applications. 1-9, doi:10.1007/s00521-016-2674-0 (ISI IF 2015:1.492, Q2).
4. A Hussanan, MZ Salleh, I Khan, RM Tahar. (2016). Heat and mass transfer in a micropolar fluid with Newtonian heating: an exact analysis. Neural Computing and Applications. 1-9, doi:10.1007/s00521-016-2516-0 (ISI IF 2015:1.492, Q2).
5. M.I. Anwar, S. Shafie, A.R.M. Kasim & M. Z. Salleh. (2016). Radiation effect on MHD stagnation-point flow of a nanofluid over a nonlinear stretching sheet with convective boundary condition. Heat Transfer Research. DOI 10.1615/HeatTran (ISSN 16Res.2016007840 (ISI, IF 2015: 0.785, Q3).
6. MKA Mohamed, MZ Salleh, A Hussanan, NM Sarif, NAZM Noar, A Ishak, (2016). [Mathematical Model of Free Convection Boundary Layer Flow on Solid Sphere with Viscous Dissipation and Thermal Radiation](https://scholar.google.co.in/citations?view_op=view_citation&hl=en&user=Lh6gZBgAAAAJ&sortby=pubdate&citation_for_view=Lh6gZBgAAAAJ:OU6Ihb5iCvQC). International Journal of Computing Science and Applied Mathematics 2 (2), 20-25.
7. NM Sarif, MZ Salleh, ARM Kasim, L Tham, R Nazar (2016). Numerical study of mixed convection boundary layer flow near the lower stagnation point of a horizontal circular cylinder in nanofluids, ARPN Journal of Engineering and Applied Sciences, 11 (11), 7274-7278 (SCOPUS)
8. Muhammad Khairul Anuar Mohamed, Norhafizah Md Sarif, Abdul Rahman Mohd Kasim, Nor Aida Zuraimi Md Noar, Mohd Zuki Salleh and Anuar Ishak (2016). Effects of viscous dissipation on free convection boundary layer towards a horizontal circular cylinder. ARPN Journal of Engineering and Applied Sciences, 11 (11), 7258-7263 (SCOPUS)
9. Muhammad Khairul Anuar Mohamed, Nor Aida Zuraimi Noar, Mohd Zuki Salled, Anuar Ishak. (2016). Mathematical Model of Boundary Layer Flow Over A Moving Plate In a Nanofluid with Viscous Dissipation. Journal of Applied Fluid Mechanics. 9 (5), 2369-2377 (ISI and SCOPUS, IF 2014: 0.746, Q3).
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