

CURRICULUM VITAE



1. Name: Dr. Krishnendu Bhattacharyya

2. Designation: Assistant Professor, Department of Mathematics

3. Official Address: Room No.–111, Department of Mathematics,
Institute of Science, Banaras Hindu University,
Varanasi–221005, Uttar Pradesh, India

4. Email Addresses: krish.math@yahoo.com, krishmath@bhu.ac.in,
krishnendu.math@gmail.com

5. Website: (a) <https://krishnendubhattacharyya.in/>
(b) <https://sites.google.com/site/krishnendumath/>

6. Date of Birth: 06/03/1984 **7. Gender:** Male **8. Nationality:** Indian

9. Educational Qualifications:

Degree/ Examination	University/Institute	Year	Discipline/ Stream	Division /Class
Ph.D.	The University of Burdwan	2013	Fluid Mechanics	Completed on 31/01/13
M.Sc.	The University of Burdwan	2007	Mathematics (Applied Group)	1 st
B.Sc. (Hons.)	The University of Burdwan (Bolpur College)	2005	Mathematics (H)	1 st
H.S.	W.B.C.H.S.E.	2002	Science	1 st
Madhyamik	W.B.B.S.E.	2000	-	1 st

Ph.D. Thesis Title: “*Analysis of Some Boundary Layer Flows, Convective Heat and Mass Transfer*”

10. Areas of Interest:

Boundary Layer Flows, Newtonian and non-Newtonian Fluids,
Heat and Mass Transfer, Flow through Porous Media,
Existence and Uniqueness of Multiple Solutions: Analytically and Numerically,
Nanofluids.

11. Teaching/Research Experience:

Positions	University/Institute	From	To	Duration
Junior Research Fellow (NBHM)	The University of Burdwan	1 st August 2007	31 st July 2009	2 Years
Senior Research Fellow (NBHM)	The University of Burdwan	1 st August 2009	31 st July 2012	3 Years
Post-doctoral Research Under NBHM PDF	The University of Burdwan	1 st March 2013	19 th January 2016	2 Years 10 ⁺ Months
Assistant Professor	Banaras Hindu University	20 th January 2016	Till date	4 ⁺ Years

12. Research Fellowships:

- NBHM (*National Board for Higher Mathematics, DAE, Govt. of India*) Research Award in 2007
- Junior Research Fellowship (*CSIR*) in NET, June 2008
- NBHM Post-Doctoral Fellowship in 2013
- UGC Dr. D.S. Kothari Post Doctoral Fellowship 2016

13. Life Member of Professional Societies/Bodies:

- ❧ Calcutta Mathematical Society (No. LB/96)
- ❧ The Mathematical Society – Banaras Hindu University

14. International Collaborators:

- ❧ **Professor Ioan Pop**, Department of Mathematics, Babes-Bolyai University, R-400082 Cluj-Napoca, Romania. Email: popm.ioan@yahoo.co.uk
- ❧ **Professor Ali J. Chamkha**, Mechanical Engineering Department, Prince Sultan Endowment for Energy and Environment, Prince Mohammad Bin Fahd University, Al-Khobar, 31952, Saudi Arabia. Email: achamkha@pmu.edu.sa
- ❧ **Professor R. S. R. Gorla**, Department of Mechanical Engineering, Cleveland State University, Cleveland, OH 44115, USA. Email: r.gorla@csuohio.edu
- ❧ **Professor Kuppalapalle Vajravelu**, Department of Mathematics, University of Central Florida, Orlando, FL 32816, USA. Email: vajravel@mail.ucf.edu
- ❧ **Professor Tasawar Hayat**, Department of Mathematics, Quaid-I-Azam University 45320, Islamabad 44000, Pakistan. Email: pensy_t@yahoo.com
- ❧ **Professor Sharidan Shafie**, Department of Mathematical Sciences, Faculty of Science, Universiti Teknologi Malaysia, JB, 81310 Skudai, Johor, Malaysia. Email: sharidan@utm.my

15. Number of Research Publications:

In International Referred Journals: 83

16. Reviewer of Papers in International Journals:

- ❖ Physics of Fluids (AIP)
- ❖ Scientific Reports (Nature)
- ❖ International Journal of Heat and Mass Transfer (Elsevier)
- ❖ Journal of King Saud University (Science) (Elsevier)
- ❖ International Journal of Thermal Sciences (Elsevier)
- ❖ Journal of Petroleum Science and Engineering (Elsevier)
- ❖ Engineering Science and Technology: An International Journal (Elsevier)
- ❖ Journal of the Association of Arab Universities for Basic and Applied Sciences (Elsevier)
- ❖ Applied Mathematics Letters (Elsevier)
- ❖ Ain Shams Engineering Journal (Elsevier)
- ❖ International Communications in Heat and Mass Transfer (Elsevier)
- ❖ Propulsion and Power Research (Elsevier)
- ❖ Colloids and Surfaces A Physicochemical and Engineering (Elsevier)
- ❖ Journal of the Taiwan Institute of Chemical Engineers (Elsevier)
- ❖ Informatics in Medicine Unlocked (Elsevier)
- ❖ Results in Physics (Elsevier)
- ❖ Journal of Molecular Liquids (Elsevier)
- ❖ Meccanica (Springer)
- ❖ Afrika Matematika (Springer)
- ❖ Boundary Value Problems (Springer)
- ❖ Journal of Zhejiang University SCIENCE A (Springer)
- ❖ Indian Journal of Pure and Applied Mathematics (Springer)
- ❖ Proceedings of the National Academy of Sciences- India Section A- Physical Sciences (Springer)
- ❖ International Journal of Applied and Computational Mathematics (Springer)
- ❖ Journal of Engineering Mathematics (Springer)

- ❖ Neural Computing and Applications (Springer)
- ❖ SpringerPlus (Springer)
- ❖ Neural Computing & Applications (Springer)
- ❖ Journal of the Brazilian Society of Mechanical Sciences and Engineering (Springer)
- ❖ International Journal of Applied and Computational Mathematics (Springer)
- ❖ Chinese Physics Letters (IOP)
- ❖ Physica Scripta (IOP)
- ❖ Chinese Physics B (IOP)
- ❖ Journal of Thermal Science and Engineering Applications (ASME)
- ❖ Heat Transfer–Asian Research (Wiley)
- ❖ Chemical Engineering Communications (Taylor & Francis)
- ❖ International Journal of Nonlinear Sciences and Numerical Simulation (De Gruyter)
- ❖ Zeitschrift für Naturforschung A (De Gruyter)
- ❖ Journal of Aerospace Engineering (ASCE)
- ❖ Chemical Industry and Chemical Engineering Quarterly (AChE)
- ❖ International Journal of Numerical Methods for Heat and Fluid Flow (Emerald)
- ❖ Journal of Porous Media (Begell House)
- ❖ International Journal of Fluid Mechanics Research (Begell House)
- ❖ PLOS ONE
- ❖ IEEE Transactions on Nanotechnology
- ❖ Bulletin of the Malaysian Mathematical Sciences Society
- ❖ Journal of Process Mechanical Engineering (Part E)

17. Author's ID:

Scopus Author's ID: [36536612300](https://orcid.org/0000-0001-7975-0709) (Total Scopus citation: 2057, *h*-index: 27, *i10*-index: 37)
(Link) <http://www.scopus.com/authid/detail.url?authorId=36536612300>

Research ID: [A-8327-2011](https://orcid.org/0000-0001-7975-0709) (Total Scopus citation: 1450, *h*-index: 21, *i10*-index: 31)
URL: <http://www.researcherid.com/rid/A-8327-2011>

Scholar Google:

http://scholar.google.co.in/citations?hl=en&user=9ASKS8sAAAAJ&view_op=list_works&pagesize=100
(Total Google Scholar citation: 2926, *h*-index: 31, *i10*-index: 51)

ORCID: [0000-0001-7975-0709](https://orcid.org/0000-0001-7975-0709) URL: <http://orcid.org/0000-0001-7975-0709>

18. List of Published and Accepted Papers:

- [1] S.R.R. Reddy, P.B.A. Reddy, **K. Bhattacharyya**, "Effect of nonlinear thermal radiation on 3D magneto slip flow of Eyring-Powell nanofluid flow over a slendering sheet inspired through binary chemical reaction and Arrhenius activation energy", *Advanced Powder Technology*, 2019, Vol. 30, Issue 12, pp. 3203-3213. (Elsevier) **Impact Factor: 3.250** (ISSN: 0921-8831; **SCI Ex, Scopus Indexed**) [PDF](#) [Journal Link](#)
- [2] G.C. Layek, B. Mondal, **K. Bhattacharyya***, "Dufour and Soret effects on unsteady heat and mass transfer for Powell-Eyring fluid flow over an expanding permeable sheet", Online published in *Journal of Applied and Computational Mechanics*, 2019. (Shahid Chamran University of Ahvaz) (ISSN: 2383-4536; **ESCI, Scopus Indexed**) doi: 10.22055/jacm.2019.30018.1661 [PDF](#) [Journal Link](#)
- [3] A. Zaib, **K. Bhattacharyya***, S.A. Urooj, S. Shafie, "Dual solutions of an unsteady MHD stagnation-point flow of a nanofluid with heat and mass transfer in the presence of thermophoresis", *Journal of Process Mechanical Engineering (Proceedings of the Institution of Mechanical Engineers, Part E)*, 2018, Vol. 232, Issue 2, pp. 155-164. (SAGE) **Impact Factor: 1.126** (ISSN: 0954-4089(PV), 2041-3009(EV); **SCI, Scopus Indexed**) [PDF](#) [Journal Link](#)
- [4] A. Banerjee, A. Zaib, **K. Bhattacharyya***, S.K. Mahato, "MHD mixed convection flow of a non-Newtonian Powell-Eyring fluid over a permeable exponentially shrinking sheet", *Frontiers in Heat and Mass Transfer*, 2018, Vol. 10, art. no. 30. (Thermal-Fluid Central) (ISSN: 2151-8629, **ESCI, Scopus Indexed**) [PDF](#) [Journal Link](#)
- [5] G.C. Layek, B. Mondal, **K. Bhattacharyya***, A. Banerjee, "Lie symmetry analysis of boundary layer stagnation-point flow and heat transfer of non-Newtonian power-law fluids over a non-linearly shrinking/stretching sheet with thermal radiation", *International Journal of Nonlinear Sciences and*

- Numerical Simulation*, 2018, Vol. 19, Issue 3-4, pp. 415-426. (De-Gruyter) **Impact Factor: 1.033** (ISSN: 1565-1339(PV), 2191-0294(EV); **SCI Ex, Scopus Indexed**) [PDF](#) [Journal Link](#)
- [6] A. Banerjee, S.K. Mahato, **K. Bhattacharyya***, “Mass diffusion with chemical reaction in boundary layer flow due to an exponentially expanding sheet with variable wall concentration”, *Acta Technica CSAV*, 2018, Vol. 63, Issue 2, pp. 157-168. (Academy of Sciences, Czech Republic) (ISSN: 0001-7043; **Scopus Indexed**) [PDF](#) [Journal Link](#)
- [7] A. Zaib, A.J. Chamkha, M.M. Rashidi, **K. Bhattacharyya***, “Impact of nanoparticles on flow of a special non-Newtonian third-grade fluid over a porous heated shrinking sheet with nonlinear radiation”, *Nonlinear Engineering*, 2018, Vol. 7, Issue 2, pp. 103-111. (De-Gruyter) (ISSN: 2192-8010 (PV), 2192-8029 (EV); **Scopus Indexed**) [PDF](#) [Journal Link](#)
- [8] A. Zaib, A. Banerjee, **K. Bhattacharyya***, “Impact of homogeneous-heterogeneous reactions on mixed convection flow of a copper-water nanofluid past a permeable shrinking cylinder with thermal radiation”, *Journal of Process Mechanical Engineering (Proceedings of the Institution of Mechanical Engineers, Part E)*, 2018, Vol. 232, Issue 5, pp. 566-578. (SAGE) **Impact Factor: 1.126** (ISSN: 0954-4089(PV), 2041-3009(EV); **SCI, Scopus Indexed**) [PDF](#) [Journal Link](#)
- [9] **K. Bhattacharyya***, “Numerical dual solutions for heat transfer in stagnation point flow past a non-isothermal shrinking sheet”, *Acta Technica CSAV*, 2017, Vol. 62, Issue 1, pp. 1-12. (Academy of Sciences, Czech Republic) (ISSN: 0001-7043; **Scopus Indexed**) [PDF](#) [Journal Link](#)
- [10] A. Zaib, **K. Bhattacharyya**, M. Khalid, S. Shafie, “Thermal radiation effect on a mixed convection flow and heat transfer of the Williamson fluid past an exponentially shrinking permeable sheet with a convective boundary condition”, *Journal of Applied Mechanics and Technical Physics*, 2017, Vol. 58, Issue 3, pp. 419-424. (Springer) **Impact Factor: 0.555** (ISSN: 0021-8944(PV), 1573-8620(EV); **SCI Ex, Scopus Indexed**) [PDF](#) [Journal Link](#)
- [11] M.S. Uddin, **K. Bhattacharyya***, “Thermal boundary layer in stagnation-point flow past a permeable shrinking sheet with variable surface temperature”, *Propulsion and Power Research*, 2017, Vol. 6, Issue 3, pp. 186-194. (Elsevier) (ISSN: 2212-540x; **ESCI, Scopus Indexed**) [PDF](#) [Journal Link](#)
- [12] M.S. Uddin, A. Zaib, **K. Bhattacharyya***, “Effect of thermal radiation on heat transfer in an unsteady Copper-water nanofluid flow of over an exponentially shrinking porous sheet”, *Journal of Applied Mechanics and Technical Physics*, 2017, Vol. 58, Issue 4, pp. 670-678. (Springer) **Impact Factor: 0.555** (ISSN: 0021-8944(PV), 1573-8620(EV); **SCI Ex, Scopus Indexed**) [PDF](#) [Journal Link](#)
- [13] G.S. Seth, A.K. Singha, M.S. Mandal, A. Banerjee, **K. Bhattacharyya***, “MHD stagnation-point flow and heat transfer past a non-isothermal shrinking/stretching sheet in porous medium with heat sink or source effect”, *International Journal of Mechanical Sciences*, 2017, Vol. 134, pp. 98-111. (Elsevier) **Impact Factor: 4.134** (ISSN: 0020-7403; **SCI, Scopus Indexed**) [PDF](#) [Journal Link](#)
- [14] G.S. Seth, A.K. Singha, A. Banerjee, **K. Bhattacharyya***, “Effects of non-linearly variable heat flux and thermal radiation on heat transfer in MHD boundary layer flow over an unsteady permeable stretching sheet in Darcy porous medium”, *Acta Technica CSAV*, 2017, Vol. 62, Issue 3, pp. 231-248. (Academy of Sciences, Czech Republic) (ISSN: 0001-7043; **Scopus Indexed**) [PDF](#) [Journal Link](#)
- [15] A. Zaib, M.M. Rashidi, A.J. Chamkha, **K. Bhattacharyya***, “Numerical solution of second law analysis for MHD Casson nanofluid past a wedge with activation energy and binary chemical reaction”, *International Journal of Numerical Methods for Heat and Fluid Flow*, 2017, Vol. 27, Issue 12, pp. 2816-2834. (Emerald) **Impact Factor: 1.958** (ISSN: 0961-5539; **SCI Ex, Scopus Indexed**) [PDF](#) [Journal Link](#)
- [16] **K. Bhattacharyya***, M.S. Uddin, G.C. Layek, “Exact solution for thermal boundary layer in Casson fluid flow over permeable shrinking sheet with variable wall temperature and thermal radiation”, *Alexandria Engineering Journal*, 2016, Vol. 55, Issue 2, pp. 1703-1712. (Elsevier) **Impact Factor: 3.696** (ISSN: 1110-0168; **SCI Ex, Scopus Indexed**) [PDF](#) [Journal Link](#)
- [17] Aurangzaib, **K. Bhattacharyya**, S. Shafie, “Effect of partial slip on an unsteady MHD mixed convection stagnation-point flow of a micropolar fluid towards a permeable shrinking sheet”, *Alexandria Engineering Journal*, 2016, Vol. 55, Issue 2, pp. 1285-1293. (Elsevier) **Impact Factor: 3.696** (ISSN: 1110-0168; **SCI Ex, Scopus Indexed**) [PDF](#) [Journal Link](#)
- [18] M.K. Aurangzaib, **K. Bhattacharyya**, S. Shafie, “Multiple solutions of an unsteady stagnation-point flow with melting heat transfer in a Darcy–Brinkman porous medium”, *Nonlinear Engineering*, 2016, Vol. 5, Issue 2, pp. 99-106. (De-Gruyter) (ISSN: 2192-8010 (PV), 2192-8029 (EV); **Scopus Indexed**) [PDF](#) [Journal Link](#)
- [19] I. Ullah, **K. Bhattacharyya**, S. Shafie, I. Khan, “Unsteady MHD mixed convection slip flow of Casson fluid over nonlinearly stretching sheet embedded in a porous medium with chemical reaction, thermal radiation, heat generation/absorption and convective boundary conditions”, *PLoS One*, 2016, Vol. 11, Issue 10, e0165348. **Impact Factor: 2.766** (ISSN: 1932-6203(EV); **SCI Ex, Scopus Indexed**) [PDF](#) [Journal Link](#)
- [20] A. Zaib, **K. Bhattacharyya***, M.S. Uddin, S. Shafie, “Dual solutions of non-Newtonian Casson fluid flow and heat transfer over an exponentially permeable shrinking sheet with viscous dissipation”, *Modelling and*

- Simulation in Engineering*, 2016, Volume 2016, Article ID 6968371. (Hindawi Publishing Corporation) (ISSN: 1687-5605(PV), 1687-5591(EV); **ESCI, Scopus Indexed**) [PDF](#) [Journal Link](#)
- [21] Aurangzaib, M.S. Uddin, **K. Bhattacharyya***, S. Shafie, "Micropolar fluid flow and heat transfer over an exponentially permeable shrinking sheet", *Propulsion and Power Research*, 2016, Vol. 5, Issue 4, pp. 310-317. (Elsevier) (ISSN: 2212-540x; **ESCI, Scopus Indexed**) [PDF](#) [Journal Link](#)
- [22] **K. Bhattacharyya**, "Reactive solute transfer in stagnation-point flow over a shrinking sheet with diffusive mass flux", *Journal of Applied Mechanics and Technical Physics*, 2015, Vol. 56, Issue 3, pp. 464-470. (Springer) **Impact Factor: 0.555** (ISSN: 0021-8944(PV), 1573-8620(EV); **SCI Ex, Scopus Indexed**) [PDF](#) [Journal Link](#)
- [23] A. Zaib, **K. Bhattacharyya***, S. Shafie, "Unsteady boundary layer flow and heat transfer over an exponentially shrinking sheet with suction in a copper-water nanofluid", *Journal of Central South University*, 2015, Vol. 22, Issue 12, pp. 4856-4863. (Springer) **Impact Factor: 0.973** (ISSN: 2095-2899(PV), 2227-5223(EV); **SCI Ex, Scopus Indexed**) [PDF](#) [Journal Link](#)
- [24] S. Mukhopadhyay, **K. Bhattacharyya**, G.C. Layek, "Mass transfer over an exponentially stretching porous sheet embedded in a stratified medium", *Chemical Engineering Communications*, 2014, Vol. 201, Issue 2, pp. 272-286. (Taylor & Francis) **Impact Factor: 1.431** (ISSN: 0098-6445; **SCI, Scopus Indexed**) [PDF](#) [Journal Link](#)
- [25] **K. Bhattacharyya***, G.C. Layek, "Magnetohydrodynamic Boundary layer flow of nanofluid over an exponentially stretching permeable sheet", *Physics Research International*, 2014, Volume 2014, Article ID 592536. (Hindawi Publishing Corporation) (ISSN: 2090-2220(PV), 2090-2239(EV); **Scopus Indexed**) [PDF](#) [Journal Link](#)
- [26] **K. Bhattacharyya***, I. Pop, "Heat transfer for boundary layers with cross flow", *Chinese Physics B*, 2014, Vol. 23, Issue 02, 024701. (IOP) **Impact Factor: 1.469** (ISSN: 1674-1056; **SCI, Scopus Indexed**) [PDF](#) [Journal Link](#)
- [27] M. Awais, T. Hayat, M. Mustafa, **K. Bhattacharyya**, M.A. Farooq, "Analytic and numeric solutions for stagnation-point flow with melting, thermal-diffusion and diffusion-thermo effects", *International Journal of Numerical Methods for Heat and Fluid Flow*, 2014, Vol. 24, Issue 2, pp. 438-454. (Emerald) **Impact Factor: 1.958** (ISSN: 0961-5539; **SCI Ex, Scopus Indexed**) [PDF](#) [Journal Link](#)
- [28] **K. Bhattacharyya***, G.C. Layek, "Thermal boundary layer in flow due to an exponentially stretching surface with an exponentially moving free stream", *Modelling and Simulation in Engineering*, 2014, Volume 2014, Article ID 785049. (Hindawi Publishing Corporation) (ISSN: 1687-5605(PV), 1687-5591(EV); **ESCI, Scopus Indexed**) [PDF](#) [Journal Link](#)
- [29] **K. Bhattacharyya***, T. Hayat, A. Alsaedi, "Exact solution for boundary layer flow of Casson fluid over a permeable stretching/shrinking sheet", *Zeitschrift für Angewandte Mathematik und Mechanik (ZAMM) / Journal of Applied Mathematics and Mechanics*, 2014, Vol. 94, Issue 6, pp. 522-528. (Wiley) **Impact Factor: 1.467** (ISSN: 0044-2267; **SCI Ex, Scopus Indexed**) [PDF](#) [Journal Link](#)
- [30] **K. Bhattacharyya***, G.C. Layek, G.S. Seth, "Soret and Dufour effects on convective heat and mass transfer in stagnation-point flow towards a shrinking surface", *Physica Scripta*, 2014, Vol. 89, Issue 9, 095203. (IOP) **Impact Factor: 2.151** (ISSN: 0031-8949; **SCI, Scopus Indexed**) [PDF](#) [Journal Link](#)
- [31] **K. Bhattacharyya**, T. Hayat, A. Alsaedi, "Dual solutions in boundary layer flow of Maxwell fluid over a porous shrinking sheet", *Chinese Physics B*, 2014, Vol. 23, Issue 12, 124701. (IOP) **Impact Factor: 1.469** (ISSN: 1674-1056; **SCI, Scopus Indexed**) [PDF](#) [Journal Link](#)
- [32] **K. Bhattacharyya***, S. Mukhopadhyay, G.C. Layek, "Unsteady MHD boundary layer flow with diffusion and first order chemical reaction over a permeable stretching sheet with suction or blowing", *Chemical Engineering Communications*, 2013, Vol. 200, Issue 3, pp. 379-397. (Taylor & Francis) **Impact Factor: 1.431** (ISSN: 0098-6445; **SCI, Scopus Indexed**) [PDF](#) [Journal Link](#)
- [33] **K. Bhattacharyya***, T. Hayat, A. Alsaedi, "Analytic solution for magnetohydrodynamic boundary layer flow of Casson fluid over a stretching/shrinking sheet with wall mass transfer", *Chinese Physics B*, 2013, Vol. 22, Issue 2, 024702. (IOP) **Impact Factor: 1.469** (ISSN: 1674-1056; **SCI, Scopus Indexed**) [PDF](#) [Journal Link](#)
- [34] T. Hayat, S. Zaib, S. Asghar, **K. Bhattacharyya**, S.A. Shehzad, "Transient flows of Maxwell fluid with slip conditions", *Applied Mathematics and Mechanics (English Edition)*, 2013, Vol. 34, Issue 2, pp. 153-166. (Springer) **Impact Factor: 1.699** (ISSN: 0253-4827(PV), 1573-2754(EV); **SCI Ex, Scopus Indexed**) [PDF](#) [Journal Link](#)
- [35] **K. Bhattacharyya**, G.C. Layek, R.S.R. Gorla, "Boundary layer slip flow and heat transfer past a stretching sheet with temperature dependent viscosity", *Thermal Energy and Power Engineering*, 2013, Vol. 2, Issue 1, pp. 38-43. (American V-King Scientific Publishing) (ISSN: 2326-0521(PV), 2326-053X(EV)) [PDF](#) [Journal Link](#)
- [36] **K. Bhattacharyya***, M.S. Uddin, G.C. Layek, "Effect of partial slip on boundary layer mixed convective flow adjacent to a vertical permeable stretching sheet in porous medium", *Acta Technica CSAV*, 2013, Vol.

- 58, Issue 1, pp. 27-39. (Academy of Sciences, Czech Republic) (ISSN: 0001-7043; **Scopus Indexed**) [PDF](#) [Journal Link](#)
- [37] **K. Bhattacharyya**^{*}, M.S. Uddin, "Reactive solute diffusion in boundary layer flow through a porous medium over a permeable flat plate with power-law variation in surface concentration", *Journal of Engineering*, 2013, Volume 2013, Article ID 840596. (Hindawi Publishing Corporation) (ISSN: 2314-4912; **ESCI, Scopus Indexed**) [PDF](#) [Journal Link](#)
- [38] **K. Bhattacharyya**, "Heat transfer in unsteady boundary layer stagnation-point flow towards a shrinking/stretching sheet", *Ain Shams Engineering Journal*, 2013, Vol. 4, Issue 2, pp. 259-264. (Elsevier) **Impact Factor: 3.091** (ISSN: 2090-4479; **SCI Ex, Scopus Indexed**) [PDF](#) [Journal Link](#)
- [39] **K. Bhattacharyya**^{*}, S. Mukhopadhyay, G.C. Layek, "Similarity solution of mixed convective boundary layer slip flow past a vertical plate", *Ain Shams Engineering Journal*, 2013, Vol. 4, Issue 2, pp. 299-305. (Elsevier) **Impact Factor: 3.091** (ISSN: 2090-4479; **SCI Ex, Scopus Indexed**) [PDF](#) [Journal Link](#)
- [40] **K. Bhattacharyya**, "Heat transfer in boundary layer stagnation-point flow towards a shrinking sheet with non-uniform heat flux", *Chinese Physics B*, 2013, Vol. 22, Issue 7, 074705. (IOP) **Impact Factor: 1.469** (ISSN: 1674-1056; **SCI, Scopus Indexed**) [PDF](#) [Journal Link](#)
- [41] **K. Bhattacharyya**^{*}, M.S. Uddin, G.C. Layek, W. Ali Pk, "Diffusion of chemically reactive species in boundary layer flow over a porous plate in a porous medium", *Chemical Engineering Communications*, 2013, Vol. 200, Issue 12, pp. 1701-1710. (Taylor & Francis) **Impact Factor: 1.431** (ISSN: 0098-6445; **SCI, Scopus Indexed**) [PDF](#) [Journal Link](#)
- [42] **K. Bhattacharyya**, T. Hayat, R.S.R. Gorla, "Heat transfer in boundary layer flow of Maxwell fluid over a permeable shrinking sheet", *Thermal Energy and Power Engineering*, 2013, Vol. 2, Issue 3, pp. 72-78. (American V-King Scientific Publishing) (ISSN: 2326-0521(PV), 2326-053X(EV)). [PDF](#) [Journal Link](#)
- [43] **K. Bhattacharyya**, "Boundary layer stagnation-point flow of Casson fluid and heat transfer towards a shrinking/stretching sheet", *Frontiers in Heat and Mass Transfer*, 2013, Vol. 4, Issue 2, 023003. (Thermal-Fluid Central) (ISSN: 2151-8629, **ESCI, Scopus Indexed**) [PDF](#) [Journal Link](#)
- [44] **K. Bhattacharyya**, "MHD stagnation-point flow of Casson fluid and heat transfer over a stretching sheet with thermal radiation", *Journal of Thermodynamics*, 2013, Volume 2013, Article ID 169674. (Hindawi Publishing Corporation) (ISSN: 1687-9244(PV), 1687-9252(EV); **Scopus Indexed**) [PDF](#) [Journal Link](#)
- [45] S. Mukhopadhyay, **K. Bhattacharyya**, T. Hayat, "Exact solutions for flow of Casson fluid over a stretching surface with transpiration and heat transfer effects", *Chinese Physics B*, 2013, Vol. 22, Issue 11, 114701. (IOP) **Impact Factor: 1.469** (ISSN: 1674-1056; **SCI, Scopus Indexed**) [PDF](#) [Journal Link](#)
- [46] **K. Bhattacharyya**, "Boundary layer flow and heat transfer over a permeable shrinking cylinder with mass suction", *Acta Technica CSAV*, 2013, Vol. 58, Issue 3, pp. 253-262. (Academy of Sciences, Czech Republic) (ISSN: 0001-7043; **Scopus Indexed**) [Journal Link](#)
- [47] S. Mukhopadhyay, P.R. De, **K. Bhattacharyya**, G.C. Layek, "Casson fluid flow over an unsteady stretching surface", *Ain Shams Engineering Journal*, 2013, Vol. 4, Issue 4, pp. 933-938. (Elsevier) **Impact Factor: 3.091** (ISSN: 2090-4479; **SCI Ex, Scopus Indexed**) [PDF](#) [Journal Link](#)
- [48] **K. Bhattacharyya**^{*}, K. Vajravelu, T. Hayat, "Slip effects on the parametric space and the solution for boundary layer flow of Casson fluid over a porous stretching/shrinking sheet", *International Journal of Fluid Mechanics Research*, 2013, Vol. 40, Issue 6, pp. 482-493. (Begell House) (ISSN: 1064-2277; **ESCI, Scopus Indexed**) [PDF](#) [Journal Link](#)
- [49] **K. Bhattacharyya**, "Heat transfer analysis in boundary layer flow over a non-isothermal shrinking cylinder with wall mass suction", *Acta Technica CSAV*, 2013, Vol. 58, Issue 4, pp. 411-424. (Academy of Sciences, Czech Republic) (ISSN: 0001-7043; **Scopus Indexed**) [Journal Link](#)
- [50] S. Mukhopadhyay, P.R. De, **K. Bhattacharyya**, G.C. Layek, "Forced convective flow and heat transfer over a porous plate in a Darcy-Forchheimer porous medium in presence of radiation", *Meccanica*, 2012, Vol. 47, Issue 1, pp. 153-161. (Springer) **Impact Factor: 2.316** (ISSN: 0025-6455(PV), 1572-9648(EV); **SCI, Scopus Indexed**) [PDF](#) [Journal Link](#)
- [51] **K. Bhattacharyya**^{*}, S. Mukhopadhyay, G.C. Layek, "Reactive solute transfer in magnetohydrodynamic boundary layer stagnation-point flow over a stretching sheet with suction/blowing", *Chemical Engineering Communications*, 2012, Vol. 199, Issue 3, pp. 368-383. (Taylor & Francis) **Impact Factor: 1.431** (ISSN: 0098-6445; **SCI, Scopus Indexed**) [PDF](#) [Journal Link](#)
- [52] **K. Bhattacharyya**^{*}, M.G. Arif, W. Ali Pk., "MHD boundary layer stagnation-point flow and mass transfer over a permeable shrinking sheet with suction/blowing and chemical reaction", *Acta Technica CSAV*, 2012, Vol. 57, Issue 1, pp. 1-15. (Academy of Sciences, Czech Republic) (ISSN: 0001-7043; **Scopus Indexed**) [PDF](#) [Journal Link](#)
- [53] **K. Bhattacharyya**, K. Vajravelu, "Stagnation-point flow and heat transfer over an exponentially shrinking sheet", *Communications in Nonlinear Science and Numerical Simulation*, 2012, Vol. 17, Issue 7, pp. 2728-2734. (Elsevier) **Impact Factor: 3.967** (ISSN: 1007-5704; **SCI Ex, Scopus Indexed**) [PDF](#) [Journal Link](#)

- [54] **K. Bhattacharyya***, G.C. Layek, "Similarity solution of MHD boundary layer flow with diffusion and chemical reaction over a porous flat plate with suction/blowing", *Meccanica*, 2012, Vol. 47, Issue 4, pp. 1043-1048. (Springer) **Impact Factor: 2.316** (ISSN: 0025-6455(PV), 1572-9648(EV); **SCI, Scopus Indexed**) [PDF](#) [Journal Link](#)
- [55] **K. Bhattacharyya***, S. Mukhopadhyay, G.C. Layek, "Effects of partial slip on boundary layer stagnation-point flow and heat transfer towards a stretching sheet with temperature dependent fluid viscosity", *Acta Technica CSAV*, 2012, Vol. 57, Issue 2, pp. 183-195. (Academy of Sciences, Czech Republic) (ISSN: 0001-7043; **Scopus Indexed**) [PDF](#) [Journal Link](#)
- [56] **K. Bhattacharyya**, S. Mukhopadhyay, G.C. Layek, I. Pop, "Effects of thermal radiation on micropolar fluid flow and heat transfer over a porous shrinking sheet", *International Journal of Heat and Mass Transfer*, 2012, Vol. 55, Issue 11-12, pp. 2945-2952. (Elsevier) **Impact Factor: 4.346** (ISSN: 0017-9310; **SCI, Scopus Indexed**) [PDF](#) [Journal Link](#)
- [57] **K. Bhattacharyya**, "Mass transfer on a continuous flat plate moving in parallel or reversely to a free stream in the presence of a chemical reaction", *International Journal of Heat and Mass Transfer*, 2012, Vol. 55, Issue 13-14, pp. 3482-3487. (Elsevier) **Impact Factor: 4.346** (ISSN: 0017-9310; **SCI, Scopus Indexed**) [PDF](#) [Journal Link](#)
- [58] **K. Bhattacharyya**, "Steady boundary layer flow and reactive mass transfer past an exponentially stretching surface in an exponentially moving free stream", *Journal of the Egyptian Mathematical Society*, 2012, Vol. 20, Issue 3, pp. 223-228. (Elsevier) (ISSN: 1110-256X) [PDF](#) [Journal Link](#)
- [59] S. Mukhopadhyay, **K. Bhattacharyya**, "Unsteady flow of a Maxwell fluid over a stretching surface in presence of chemical reaction", *Journal of the Egyptian Mathematical Society*, 2012, Vol. 20, Issue 3, pp. 229-234. (Elsevier) (ISSN: 1110-256X) [PDF](#) [Journal Link](#)
- [60] **K. Bhattacharyya**, "Slip effects on boundary layer flow and mass transfer with chemical reaction over a permeable flat plate in a porous medium", *Frontiers in Heat and Mass Transfer*, 2012, Vol. 3, Issue 4, 043006. (Thermal-Fluid Central) (ISSN: 2151-8629, **ESCI, Scopus Indexed**) [PDF](#) [Journal Link](#)
- [61] **K. Bhattacharyya**, G.C. Layek, R.S.R. Gorla, "Slip effect on boundary layer flow on a moving flat plate in a parallel free stream", *International Journal of Fluid Mechanics Research*, 2012, Vol. 39, Issue 5, pp. 438-447. (Begell House) (ISSN: 1064-2277(PV), 2152-5102(EV); **ESCI, Scopus Indexed**) [PDF](#) [Journal Link](#)
- [62] S. Mukhopadhyay, P.R. De, **K. Bhattacharyya**, G.C. Layek, "Slip effects on mixed convection flow along a stretching cylinder", *International Journal of Heat and Technology*, 2012, Vol. 30, Issue 2, pp. 19-24. (Edizioni E.T.S., Italy) (ISSN: 0392-8764; **ESCI, Scopus Indexed**) [PDF](#) [Journal Link](#)
- [63] **K. Bhattacharyya***, G.C. Layek, "Effects of suction/blowing on steady boundary layer stagnation-point flow and heat transfer towards a shrinking sheet with thermal radiation", *International Journal of Heat and Mass Transfer*, 2011, Vol. 54, Issue 1-3, pp. 302-307. (Elsevier) **Impact Factor: 4.346** (ISSN: 0017-9310; **SCI, Scopus Indexed**) [PDF](#) [Journal Link](#)
- [64] **K. Bhattacharyya***, S. Mukhopadhyay, G.C. Layek, "Slip effects on boundary layer stagnation-point flow and heat transfer towards a shrinking sheet", *International Journal of Heat and Mass Transfer*, 2011, Vol. 54, Issue 1-3, pp. 308-313. (Elsevier) **Impact Factor: 4.346** (ISSN: 0017-9310; **SCI, Scopus Indexed**) [PDF](#) [Journal Link](#)
- [65] **K. Bhattacharyya***, S. Mukhopadhyay, G.C. Layek, "MHD boundary layer slip flow and heat transfer over a flat plate", *Chinese Physics Letters*, 2011, Vol. 28, No. 2, 024701. (IOP) **Impact Factor: 1.066** (ISSN: 0256-307X; **SCI, Scopus Indexed**) [PDF](#) [Journal Link](#)
- [66] S. Mukhopadhyay, **K. Bhattacharyya**, G.C. Layek, "Steady boundary layer flow and heat transfer over a porous moving plate in presence of thermal radiation", *International Journal of Heat and Mass Transfer*, 2011, Vol. 54, Issue 13-14, pp. 2751-2757. (Elsevier) **Impact Factor: 4.346** (ISSN: 0017-9310; **SCI, Scopus Indexed**) [PDF](#) [Journal Link](#)
- [67] **K. Bhattacharyya**, "Dual solutions in boundary layer stagnation-point flow and mass transfer with chemical reaction past a stretching/shrinking sheet", *International Communications in Heat and Mass Transfer*, 2011, Vol. 38, Issue 7, pp. 917-922. (Elsevier) **Impact Factor: 4.127** (ISSN: 0735-1933; **SCI Ex, Scopus Indexed**) [PDF](#) [Journal Link](#)
- [68] **K. Bhattacharyya**, "Boundary layer flow and heat transfer over an exponentially shrinking sheet", *Chinese Physics Letters*, 2011, Vol. 28, No. 7, 074701. (IOP) **Impact Factor: 1.066** (ISSN: 0256-307X; **SCI, Scopus Indexed**) [PDF](#) [Journal Link](#)
- [69] **K. Bhattacharyya***, G.C. Layek, "Slip effects on diffusion of chemically reactive species in boundary layer flow due to a vertical stretching sheet with suction or blowing", *Chemical Engineering Communications*, 2011, Vol. 198, Issue 11, pp. 1354-1365. (Taylor & Francis) **Impact Factor: 1.431** (ISSN: 0098-6445; **SCI, Scopus Indexed**) [PDF](#) [Journal Link](#)
- [70] **K. Bhattacharyya**, "Dual solutions in unsteady stagnation-point flow over a shrinking sheet", *Chinese Physics Letters*, 2011, Vol. 28, No. 8, 084702. (IOP) **Impact Factor: 1.066** (ISSN: 0256-307X; **SCI, Scopus Indexed**) [PDF](#) [Journal Link](#)

- [71] **K. Bhattacharyya***, G.C. Layek, "MHD boundary layer flow of dilatant fluid in a divergent channel with suction or blowing", *Chinese Physics Letters*, 2011, Vol. 28, No. 8, 084705. (IOP) **Impact Factor: 1.066** (ISSN: 0256-307X; **SCI, Scopus Indexed**) [PDF](#) [Journal Link](#)
- [72] **K. Bhattacharyya**, "Effects of radiation and heat source/sink on unsteady MHD boundary layer flow and heat transfer over a shrinking sheet with suction/injection", *Frontiers of Chemical Science and Engineering (Frontiers of Chemical Engineering in China)*, 2011, Vol. 5, Issue 3, pp. 376-384. (Springer) **Impact Factor: 2.809** (ISSN: 2095-0179(PV), 2095-0187(EV); **SCI Ex, Scopus Indexed**) [PDF](#) [Journal Link](#)
- [73] M.S. Uddin, **K. Bhattacharyya**, G.C. Layek, W. Ali Pk., "Chemically reactive solute distribution in a steady MHD boundary layer flow over a stretching surface", *Journal of Applied Fluid Mechanics*, 2011, Vol. 4, Issue 4, pp. 53-58. (Isfahan Univ Technology, Iran) **Impact Factor: 0.918** (ISSN: 1735-3572(PV) 1735-3645(EV); **SCI Ex, Scopus Indexed**) [PDF](#) [Journal Link](#)
- [74] **K. Bhattacharyya***, S. Mukhopadhyay, G.C. Layek, "Slip effects on unsteady boundary layer stagnation-point flow and heat transfer towards a stretching sheet", *Chinese Physics Letters*, 2011, Vol. 28, No. 9, 094702. (IOP) **Impact Factor: 1.066** (ISSN: 0256-307X; **SCI, Scopus Indexed**) [PDF](#) [Journal Link](#)
- [75] **K. Bhattacharyya**, M.S. Uddin, G.C. Layek, "Application of scaling group of transformations to steady boundary layer flow of Newtonian fluid over a stretching sheet in presence of chemically reactive species", *Journal of Bangladesh Academy of Sciences*, 2011, Vol. 35, Issue 1, pp. 43-50. (Bangladesh Academy of Sciences) (ISSN: 0378-8121) [PDF](#) [Journal Link](#)
- [76] **K. Bhattacharyya***, S. Mukhopadhyay, G.C. Layek, "Steady boundary layer slip flow and heat transfer over a flat porous plate embedded in a porous media", *Journal of Petroleum Science and Engineering*, 2011, Vol. 78, Issue 2, pp. 304-309. (Elsevier) **Impact Factor: 2.886** (ISSN: 0920-4105; **SCI, Scopus Indexed**) [PDF](#) [Journal Link](#)
- [77] **K. Bhattacharyya**, "Boundary layer flow with diffusion and first-order chemical reaction over a porous flat plate subject to suction/injection and with variable wall concentration", *Chemical Engineering Research Bulletin*, 2011, Vol. 15, Issue 1, pp. 6-11. (ISSN: 0379-7678(PV), 2072-9510(EV), **Scopus Indexed**) [PDF](#) [Journal Link](#)
- [78] **K. Bhattacharyya**, "Effects of heat source/sink on MHD flow and heat transfer over a shrinking sheet with mass suction", *Chemical Engineering Research Bulletin*, 2011, Vol. 15, Issue 1, pp. 12-17. (ISSN: 0379-7678(PV), 2072-9510(EV), **Scopus Indexed**) [PDF](#) [Journal Link](#)
- [79] **K. Bhattacharyya***, G.C. Layek, "Magnetohydrodynamic slip flow and diffusion of a reactive solute past a permeable flat plate with suction/injection", *Frontiers of Chemical Science and Engineering*, 2011, Vol. 5, Issue 4, pp. 471-476. (Springer) **Impact Factor: 2.809** (ISSN: 2095-0179(PV), 2095-0187(EV); **SCI Ex, Scopus Indexed**) [PDF](#) [Journal Link](#)
- [80] **K. Bhattacharyya**, I. Pop, "MHD Boundary layer flow due to an exponentially shrinking sheet", *Magnetohydrodynamics*, 2011, Vol. 47, Issue 4, pp. 337-344. **Impact Factor: 0.661** (Univ. Latvia Inst. Physics) (ISSN: 0024-998X; **SCI Ex, Scopus Indexed**) [PDF](#) [Journal Link](#)
- [81] **K. Bhattacharyya**, M.S. Uddin, G.C. Layek, W. Ali Pk., "Analysis of boundary layer flow and heat transfer for two classes of viscoelastic fluid over a stretching sheet with heat generation or absorption", *Bangladesh Journal of Scientific and Industrial Research*, 2011, Vol. 46, Issue 4, pp. 451-456. (ISSN: 0304-9809) [PDF](#) [Journal Link](#)
- [82] **K. Bhattacharyya**, G.C. Layek, "Chemically reactive solute distribution in MHD boundary layer flow over a permeable stretching sheet with suction or blowing", *Chemical Engineering Communications*, 2010, Vol. 197, Issue 12, pp. 1527-1540. (Taylor & Francis) **Impact Factor: 1.431** (ISSN: 0098-6445; **SCI, Scopus Indexed**) [PDF](#) [Journal Link](#)
- [83] **K. Bhattacharyya**, M.S. Uddin, G.C. Layek, M.A. Malek, "Effect of chemically reactive solute diffusion on boundary layer flow past a stretching surface with suction or blowing", *JU Journal of Mathematics & Mathematical Sciences*, 2010, Vol. 25, pp. 41-48. (ISSN: 2219-5823)

=====

SCI Journal: 50(28+22), ESCI: 22, Others: 11

=====

Scopus Indexed Journal: 76, Others: 7

=====

19. Seminars/Conferences/Workshop Organised:

- [1] Convener of Workshop on *Exploring Some Applications of Mathematical Sciences* during January 19-20, 2019 at Department of Mathematics, Institute of Science, Banaras Hindu University, Varanasi-221005, Uttar Pradesh.
- [2] Co-Convener (with Dr. Shibsankar Das, Convener) 34th Annual Conference of The Mathematical Society Banaras Hindu University on *Emerging Trends in Combinatorics and Its Applications* during February 22-

- 23, 2019 at Department of Mathematics, Institute of Science, Banaras Hindu University, Varanasi-221005, Uttar Pradesh.
- [3] Co-Convener (with Dr. Anupam Priyadarshi, Convener) of 35th Annual Conference of The Mathematical Society-Banaras Hindu University on *Advancements in Mathematical Analysis and Their Applications* during November, 11-12, 2019 at Department of Mathematics, Institute of Science, Banaras Hindu University, Varanasi-221005, Uttar Pradesh.

20. Invited Talks:

- [1] Invited Talk in *National Conference on Recent Advances in Mathematical Sciences*, April 22, 2018, Organised by DST-Centre for Interdisciplinary Mathematical Sciences, Banaras Hindu University, Varanasi-221005, Uttar Pradesh on the topic "Boundary layer flow of Walter's liquid B over a permeable shrinking sheet: An exact solution".
- [2] Invited Talk in *Workshop on Differential Equation, Bifurcation and Chaos with Numerical Simulations in MATLAB*, October 27-28, 2018, Organised by Department of Mathematics, Banaras Hindu University, Varanasi-221005, Uttar Pradesh on the topic "Partial Differential Equations: Basics and Applications".
- [3] Invited Talk in Department of Mathematics, Sidho-Kanho-Birsha University, Purulia-723104, West Bengal on the topic "Some Two-dimensional Laminar Boundary Layer Flows: Similarity Solutions".

21. Papers Presented in Conferences/Seminars:

- [1] **K. Bhattacharyya** and G.C. Layek, "Effects of suction/blowing on steady boundary layer stagnation-point flow and heat transfer towards a porous shrinking sheet", *International Conference on Recent Advances in Mathematics and Applications* (ICRAMA - 2010), January 13-15, 2010, Organised by Department of Mathematics, The University of Burdwan, Burdwan-713104, West Bengal, India.
- [2] **K. Bhattacharyya** and G.C. Layek, "Exact solution for boundary layer flow of second grade fluid over a permeable shrinking sheet", *International Conference on Frontiers in Mathematics* (ICFM 2015), March 26-28, 2015, Organised by Department of Mathematics, Gauhati University, Gauhati-781014, Assam, India.

22. Seminars/Conferences Attended:

International:

- [1] International Conference on Frontier of Mathematics and Applications (ICFMA - 2008) on January 16-18, 2008 organised by Department of Mathematics, The University of Burdwan, Burdwan-713104, West Bengal, India.
- [2] International Conference on Frontier of Mathematical Sciences with Applications (ICFMSA - 2012) on January 07-09, 2012 organised by Calcutta Mathematics Society, AE-374, Sector-1, Salt Lake, Kolkata-700064, West Bengal, India.

National:

- [3] U.G.C. Sponsored Seminar on Application of Numerical Software in Mathematical Problems on March 18th, 2008 organised by Department of Mathematics, Bidhan Chandra College, Asansol-713304, West Bengal, India.
- [4] National Seminar on Emerging Area in Mathematics and Applications (NSEAMA-2009) on February 18-20, 2009 organised by Department of Mathematics, The University of Burdwan, Burdwan-713104, West Bengal, India.
- [5] Third National Conference on Uncertainty : A Mathematical Approach (UAMA-2009) on February 27th, 2009 organised by Department of Mathematics, M.U.C. Women's College, Burdwan-713104, West Bengal, India.
- [6] National Seminar on Analysis of Nonlinear Systems (ANS-2011) on March 26-27, 2011 organised by Department of Mathematics, Siksha Bhavana, Visva-Bharati, Santiniketan, West Bengal, India.

23. Referees:

- (a) **Professor G.C. Layek**, (Ph.D. Supervisor)
Department of Mathematics, The University of Burdwan, Burdwan-713104, West Bengal, India,
Email: gclayek@math.buruniv.ac.in, Mb.: 09434590622, Fax: 0342 2530452
- (b) **Professor S. Roy**,
Department of Mathematics, I.I.T. Madras, Chennai – 600036, India
Email: sjroy@iitm.ac.in, Phone: 044 22574617, Fax: 044 22574602
- (c) **Professor I. Pop**,
Faculty of Mathematics, Babes-Bolyai University,
R-400082 Cluj-Napoca, Romania, Email: popm.ioan@yahoo.co.uk
- (d) **Professor I.S. Shivakumara**, FNASc.
Department of Mathematics, Central College Campus, Bangalore University,
Bangalore 560 001, Email: shivakumarais@gmail.com
- (e) Professor Subhas Abel,
Department of Mathematics, Gulbarga University, Kalaburagi - 585 106,
Karnataka, Email: msabel2001@yahoo.co.uk
- (f) **Professor A. Ishak**,
School of Mathematical Sciences, Universiti Kebangsaan Malaysia, 43600 UKM Bangi, Selangor,
Malaysia, Email: anuarishak@yahoo.com, anuar_mi@ukm.my, Tel: +603-89215756
- (g) **Professor S. Shafie**,
Department of Mathematical Sciences, Faculty of Science, Universiti Teknologi Malaysia,
JB, 81310 Skudai, Johor, Malaysia, Email: sharidan@utm.my, Tel: +603-89215756