Dr. Trimbak V Biradar:

- 1. Static and Dynamic Characteristics of Secant Shaped Slider Bearings Lubricated with Non-Newtonian Rabinowitsch Fluid Model, Proc. Int. Conf. Advances in Applied Mathematics (ICAAM-05), 2005, (220-230),pp 220-230.
- 2. Effects of Surface Roughness on Porous Inclined Slider Bearings Lubricated with Micropolar Fluids, Journal of Marine Science and Technology, Vol. 15, No.(4) (2007), ISSN 0948-4280, pp. 1-9. (0.62)
- 3. Micropolarity Surface Roughness Interaction on the Performance of Infinitely Long Journal Bearings, Canadian Journal of Pure & Applied Sciences, Vol. 2, No.(1), (2008), ISSN 1715-9997, pp.295-308. (2.988)
- 4. Combined Effects of Surface Roughness and Viscosity variation due to additives on long Journal Bearing, Int. J of Tribology, 2013, ISSN 1881-2198, pp1-16, (0.84)
- 5. Numerical Solution of Couplestress finite Reynolds Equation for Squeeze film lubrication of partial porous journal bearings, Tribology, Vol(7), No.4, 2013, ISSN-1881-2198, pp-183-192. (0.84)
- 6. Squeeze Film Lubrication between Porous Parallel Stepped Plates with Couplestress Fluids, Tribology Online, Vol(8), No(5), 2013, ISSN 1881-2198 pp-278-284. (0.84)
- 7. Combined Effects of micropolarity and surface roughness on the Hydrodynamic Lubrication of Slider Bearings, J. Braz. Soc. Mech. Sci. Eng., Vol(36), 2014, ISSN-1678-5878, pp-45-58. (1.98)
- 8. Non-Newtonian Effects of Second-Order Fluids on the Hydrodynamic Lubrication of Inclined Slider Bearings, International Scholarly Research Notes, Vol(2014). Article ID787304, 2014, ISSN-2356-7872, pp-7 pages. (0.57)
- 9. Study of Effect of Porosity in the Presence of applied Magnetic field a cosine form Convex curved Plate Model, Int. J. of Mathematical Archive, Vol(7), No(9), 2016, ISSN 2229-5046, pp-162-171. (7.543)
- 10. Magneto-Hydrodynamic Couplestress Cosine form convex curved plates, Int. J. of Mathematical Archive, Vol(7), No(7), 2016, ISSN 2229-5046, pp-44-52. (7.543)
- 11. Derivation of Stochastic Reynolds Equation for Magneto-Hydrodynamic Couplestress Squeeze film Lubrication of Cosine- Form Convex Curved Plates, Int. J. of Engg. Sci. and Computing, Vol(6), No(8),2016, ISSN 2321-3361. pp-2753-2763. (5.611)
- 12. Magneto-Hydrodynamic Couple Stress Squeeze film Lubrication of Rough Annular Plates, Int. J. of Current Research, Vol(9), No(9), 2017, ISSN 0975-833X, pp-58007-58014. (7.766)

- 13. Modified Reynolds Equation for cosine form convex curved plates with porosity and MHD, Int. J. of Latest Engg. Research and Applications, Vol(3), No(2),2018, ISSN 2455-7137, pp-34-46. (2.105)
- 14. Modified Form of Reynolds Equation for Porous Cosine-Form Convex Curved Plates with Couplestress Effects, Int. J. of Advanced Research Development, Vol(3), No(2), 2018, ISSN-2455-4030, pp-104-115. (5.24)
- 15. Effect of Magneto- hydrodynamics and Couple stress on Characteristics of Sine Curve Slider Bearings, Gobal Journal of Engineering, Science and Researches, Vol(6), No (3), ISSN 2348-8034, 2019, pp-140-150. (5.070)
- 16. Effect of MH and couple stress on Squeeze film characteristic between porous curved Annular Circular Plates, International Journal of Mechanical and Production Engineering Research and Development, Vol(10), Issue(3), 2020, pp-8535-8546.
- 17. Study of Effect of Porosity in the Presence of Applied Magnetic Field an Couplestress A Cosine Form Convex Curve Plate Model, International Journal of Analytical an Experimental Modal Analysis, Vol(VIII), Issue(VII), July 2021, ISSN: 0886-9367, ISSN: 2249*6890, pp-3454-3466
- 18. Analysis of MHD Effects on Porous Flat Plate and Curved Circular Plate with Couple stress Fluid, Journal of Advanced Research in Fluid Mechanics and Thermal Sciences, Vol 120, Issue 2, 2024, ISSN-2289-7879, pp-82-98
- 19. Study of MHD Effects on Porous Flat Plate and Curved Circular Plate Lubricated with Couple stress Fluid-A slip velocity model, Journal of Results in Engineering, Vol 24, 102914, 2024, ISSN-2590-1230, pp-

Dr. Ramesh Kempepatil:

- 1. Note on advanced labelling and Fibonacci graceful graphs, Shreedevi Kalyan & Ramesh Kempepatil, Pramana Research Journal, ISSN NO: 2249-2976, Volume 9, Issue 5, page,295-317,2019, (National).
- 2. Some Concepts in Numerical Method for Solving Non-Linear Equation, Shreedevi Kalyan and Ramesh Kempepatil, Journal of applied science and computations, Volume VI, Issue II, February/2019, ISSN NO: 1076-5131, page.372-393, 2019. (National).
- 3. On subgroup of non comutative general rhotrix, natural and Rhotriced group, Journal of Madhya Bharati-Humanities and Social science, Volume 83, page, 203-21,2023.
- 4. Advanced study of Shortest Route Problem and its applications- bellman ford algorithm Authors: Ramesh Kempepatil, Vishwas Rudraswamymath, Published In: Volume 8 Issue 6, June-2023 | Page No: 1640 1656,2023
- 5. Kandagal, M., & Kempepatil, R. (2023, November 21). Heat generation and assimilation-MHD model for convective flow of two immiscible fluids in a vertical channel, I INTERNATIONAL

- JOURNAL OF SCIENTIFIC, Volume 8, Page,1640-1656,2023,DOI: http://doi.one/10.1729/Journal.34954.
- Ramesh S. Kempepatil, Mawaheb Al-Dossari, Ayyappa G. Hiremath, Jagadish Patil, A. Alqahtani, Jagadish V. Tawade, Shaxnoza Saydaxmetova, M. Ijaz Khan, Influence of roughness patterns and slip velocity on the lubrication of MHD-affected secant curved annular plates, International Communications in Heat and Mass Transfer, Volume 160, 2025, 108401, ISSN 0735-1933, https://doi.org/10.1016/j.icheatmasstransfer.2024.108401.
- Kempepatil, R. S., Hiremath, A. G. ., Patil, J., Naganagowda, H. B. ., Kandagal, M. ., & Mebarek-Oudina, F. . (2024). Features of MHD on Secant Curved Annular Circular Plate Lubricant as a Couple-Stress Fluid with Slip Velocity. Journal of Advanced Research in Fluid Mechanics and Thermal Sciences, 121(2), 201–215. https://doi.org/10.37934/arfmts.121.2.201215
- 8. Ramesh Kempepatil, Ayyappa G. Hiremath, B.N. Hanumagowda, Jagadish Patil, Jagadish V. Tawade, M. Ijaz Khan,Influence of magneto-hydrodynamic and couple stress squeeze film lubrication on conical bearing-a slip velocity model,Alexandria Engineering Journal,Volume 106,2024,Pages 735-742,ISSN 1110-0168,https://doi.org/10.1016/j.aej.2024.08.064.
- 9. Kandagal, M., & Kempepatil, R. (2024). An investigation of the heat and mass transfer effects in vertical channels with immersible fluid flow through a porous matrix. ZAMM Journal of Applied Mathematics and Mechanics / Zeitschrift Für Angewandte Mathematik Und Mechanik, 104(10). https://doi.org/10.1002/zamm.202300998.

Dr. Mangala Kandagal.

- 1. Mangala Kandagal and Shreedevi Kalyan "Effect of Multifluid Flow for Internal Heat Generation or Absorption in Presence of Concentration in a Vertical Channel", Journal International Journal of Scientific Research and Engineering Trends, Vol. no: 7 Issue No 2 Page No. 972-980 and year of publication: 2021.
- Mangala Kandagal and Shreedevi kalyan "Effect of Two Immiscible Multifluid Flow on Internal Heat Generation or Absoption in a vertical channel in the Presence of Concentration", Journal Of Heat Transfer Wiley, Vol. no: 50 Issue No:07 Page No. 7454-7471 Impact factor: 4.11, 2021 ,DOI: https://doi.org/10.1002/htj.222.38.
- Mangala Kandagal and Shreedevi kalyan "Influence of Heat Generation/Absorption on Mixed Concentration Flow Field with Prous Matric in Vertical Channel", Journal Case Studies in Thermal Engineering, Vol. no: 47 Page No. 1-18 Impact factor 6.26, 2023, DOI: 10.1016/j.csite.2023.103049.
- 4. Mangala Kandagal and Shreedevi Kalyan "Magneto-hydrodynamic Effect on Mixed Convection in a Vertical Channel Presence of Internal Heat Genration/Absorption", Journal European Chemical Bulletin. Vol. no: 12, Issue No:04 Page No. 5030-5043 Impact factor: 3.71, 2023 ,DOI: 10.48047/ecb/2023.12.si4.446.

- 5. Mangala Kandagal and Ramesh Kempepatil "Heat Generation and Assimilation MHD Model for Convective Flow of Two Immiscible Fluids In A Vertical Channel", Journal of the Maharaja Sayajirao University of Baroda", Vol. No. 57 page no: 162-176.
- 6. **Mangala Kandagal and Ramesh Kempepatil** "An investigation of the heat and mass transfer effects in vertical channels with immensible fluid flow through a porous matrix", Journal of ZAAM. 20 June 2024.
- 7. Ramesh sadanand Kempepatil, Hanumagowda Bannihalli Naganagowda Mangala Kandagal. At al. Features of MHD on Secant Curved Annular Circular Plate Lubricant as a Couple-Stress Fluid with Slip Velocity. Journal of Advanced Research in fluid Mechanics and Thermal Science 121, Issue 2(2024) 201-215.

Dr. Shreedevi Kalyan:

- Chemical Reaction Effects on Mixed Convection Flow of Two Immiscible Viscous Fluids in a Vertical Channel, J. Prathap Kumar, J.C. Umavathi, and Shreedevi Kalyan, Sciknow Publications Ltd. HMMT 2014, 2(2), pp.28-46 Open Journal of Heat, Mass and Momentum Transfer, DOI: 10.12966/hmmt.04.02.2014, (International).
- Effect of Chemical Reaction on Mixed Convective Flow in a Vertical Channel Containing Porous and Fluid Layer, J. Prathap Kumar, J.C. Umavathi and Shreedevi Kalyan, Journal of Porous Media, begell house, DOI: 10.1615/JPorMedia.v.20(11), pp. 1043-1058, 2014(Accepted),2017 Published. (Scopus)(International).
- 3. Free Convective Flow of Electrically Conducting and Viscous Immiscible Fluid Flow in a Vertical Channel in the Presence of First-Order Chemical Reaction, J. Prathap Kumar, J. C. Umavathi and Shreedevi Kalyan, Heat Transfer-Asian, Wiley Online Library https://doi.org/10.1002/htj.21142, Vol. 44(7), pp. 657-680, 2015.(International) (Scopous).
- Free Convective Flow of Immiscible Permeable Fluids in a Vertical Channel With First Order Chemical Reaction, J. Prathapkumar, J. C. Umavathi, Shreedevi Kalyan, International Research Journal of Engineering and Technology (IRJET), Vol. 02 Issue. 02, pp.861-873, ISSN: 2395-0056, May- 2015, (International).
- 5. Note on advanced labelling and fibonacci graceful graphs, Shreedevi Kalyan & Ramesh Kempepatil, Pramana Research Journal, ISSN NO: 2249-2976, Volume 9, Issue 5, page, 295-317, 2019, (National).
- 6. Some Concepts in Numerical Method for Solving Non-Linear Equation, Shreedevi Kalyan and Ramesh Kempepatil, Journal of applied science and computations, Volume VI, Issue II, February/2019, ISSN NO: 1076-5131, page.372-393, 2019.(National).
- 7. Effect of vortex viscosity and mass grashoff number on fully developed micropolar fluid in a vertical channel, Shreedevi Kalyan, and Ashwinisharan, Journal of Xidian University, DOI:

- 10.37896/jxu14.4/077, ISSN No:1001-2400, Vol. 14, ISSUE 4,page, 610-627, 2020.(Scopus). (International).
- 8. Effect of chemical reaction of first order and microrotation on fluid flow in a vertical channel, Shreedevi Kalyan ,y. Ramarao, &s. Jyothi, International Journal of Mechanical and Production Engineering Research and Development (IJMPERD) ISSN(P): 2249–6890; ISSN(E): 2249–8001 Vol. 10, Special Issue, Jun 2020, 11–22. (Scopus), (International).
- Effect of heat generation or absorption on mixed convective fluid flow composed in a porous medium. Shreedevi Kalyan*, Mangala Kandagal**, Volume 7, Issue 2, March-April-2021, ISSN: 2395-566X, International Journal of Scientific Research and Engineering Trends (IJSRET). (International).
- Effect of two immiscible multifluid flow on internal heat generation or absorption in a vertical channel in the presence of concentration, Shreedevi Kalyan, Mangala Kandagal Heat Transfer Asian Research. Vol.50:pp.7454–7471, https://doi.org/10.1002/htj.22238,2021. (International) (Scopous).
- 11. Effect of heat and mass transfer positions on forced convection with porous medium Utilizing nanofluid in a vertical channel. Yamanappa Gudagi and *Shreedevi Kalyan, GRADIVA REVIEW JOURNAL, ISSN NO: 0363-8057, VOLUME 8 ISSUE 5, pp.396-410 2022. (International)(UGC).
- 12. Effect of first order chemical reaction on fully developed natural convection of micropolar fluid in a vertical channel, Shreedevi Kalyan*1, Ramarao Y*2 and Patial Mallikarjun B, Journal of applied science and computations (JASC), VOL.V, Issue XII, December, ISSN NO: 1076-5131, 2018.(International).
- 13. Note on Energy Transfer of Jeffrey Fluid Flow on Mixed Convection in Presence of Chemical Reaction Parameter, Shreedevi Kalyan1, Ashwini Sharan2 and Ramakrishna Metri3, International Journal of Advanced Science and Technology, Vol. 28, No. 3, pp. 328-349, 2019 (Scopous).
- 14. Effect of material Parameter on Mixed convective fully developed Micropolar Fluid Flow in a Vertical Channel. Shreedevi Kalyan1#, Ashwini Sharan2, Jyothi S3, Journal of Heat transfer Asian Research, Volume50, Issue6, Pages 5853-5864, https://doi.org/10.1002/htj.22152,2021..(International) (Scopous).
- 15. Steady of thermal and concentration effect on a fully developed Jeffry fluid with baffle in a vertical passage, K,Shreedevi, H, Saraswathi and Ali,j Chamkha, Journal of nanofluids, Vol.12, Page.1-7, 2023. .(International).
- 16. Effect of jeffrey fluid flow and first order chemical reaction on magneto convection of immiscible fluids in a perpendicular passage, Ashwini Sharan1, Shreedevi Kalyan1*, Chamkha ali j., petro chem indus intern, 2023 volume 6 | issue 3 | 151-169,2023.

- (International)..
- 17. Influence of heat generation/absorption on mixed convection flow field with porous matrix in a vertical channel k. Thanesh Kumar, Shreedevi Kalyan b, Mangala Kandagal, case studies in thermal engineering 47, 103049,pp.1-18,2023 (International) (Scopous).
- 18. Magneto-hydrodynamic effect on mixed convection in a vertical channel presence of internal heat generation/absorption, Mangala Kandagal and 2shreedevi kalyan, eur. chem. bull. 2023, 12(special issue 4), 5030-5043 (International).
- 19. Impact of magnetic field on jeffery fluid flow with baffle, Shreedevi Kalyan1*, Saraswathi h2, doi: 10.31838/ecb/2023.12.s3.608, eur. chem. bull. 2023, 12 (s2), 5408–5418,2023, (International).
- 20. Heat and mass transfer of two immiscible flows of jeffrey fluid in a vertical channel, Shreedevi Kalyan, Ashwini Sharan, Ali j. Chamkha, HeatTransfer Asian Research, vol.52(1), pp.267-288.https://doi.org/10.1002/htj.22694, september 2022.(International) (Scopous).
- 21. Saraswathi h, Shreedevi k, Ali j chamkha, Steady jeffery fluid through porous media in presence of a baffle in a vertical channel, , journal of nanofluids, Vol.12,pp.1644–1651,2023, doi:10.1166/jon.2023.2047,2023, (International).
- 22. Shreedevi Kalyan1,*, Jumanne Mng'ang'a, Numerical study of electrically conducting MHD fluids in a vertical channel with Jeffrey fluid flow and first order chemical reaction, , Thermal Science and Engineering (2023) Volume 6 Issue 2, doi: 10.24294/tse.v6i2.3968,2023(UGC).
- Fluid sustainability by the effect of microrotational flow and chemical reactions in a vertical channel Madhu J, Shreedevi Kalyan, Yamanappa Gudagi, Varun Kumar R S, Raman Kumar & S. Sureshkumar, International Journal of Modelling and Simulation, DOI: 10.1080/02286203.2024.2319008, pp.1-12,2024(Scopous).
- 24. Shreedevi Kalyan, Hussein Abd Allah Soliman, Analysis of Micropolar Immiscible Fluid Flow on Electrically Conducting Free Convective Flow in a Vertical Channel in the Presence of Chemical Reaction, International journal of advanced engineering and business sciences (IJAEBS), Volume 2, Issue 1, April 2021, (p. 25-35)- DOI: 10.21608/IJAEBS.2021.166438.
- 25. K. Shreedevil · G. Yamanappal · C. Siddabasappa2 · S. Sindhu3, Effect of Magneto Convection Nanofluid Flow in a Vertical Channel, , Int. J. Appl. Comput. Math (2024) Vol.10:82, pp.1-22, https://doi.org/10.1007/s40819-024-01709-5,2024 (Scopous).
- 26. Study Report on Applications of Complex Number and Conformal Mapping, Shreedevi Kalyan, Journal of Clinical Epidemiology and Public Health, Vol.3(3), pp.1-8, 2024.
- 27. G.T. Gitte, Shreedevi Kalyan, H. Saraswathi, M. Waqas, Vinod Kulkarni, Mohammed Jameel, Nitiraj Kulkarni, Barno Abdullaeva, Refka Ghodhbani, M. Waqas, Thermal and solutal performance analysis featuring fully developed chemically reacting micro-rotational convective flow in an open-ended vertical channel, Case Studies in Thermal Engineering, Vol. 65, Volume 65, January 2025, PP-1-16, 2025. DOI:

- 10.1016/j.csite.2024.105603.
- 28. Jyothi Veeresh1 and Shreedevi Kalyan2, Analysis of Magnetohydrodynamic Fluid Flow, Petroleum and Chemical Industry International, Volume 7(4), PP.1-7, ISSN: 2639-7536, 2024.
- Ambika and Shreedevi Kalyan, A Study Note on Mathematical Modelling of Ship Stability, Petroleum and Chemical Industry International, Volume 7, Issue 4, PP.1-6, ISSN: 2639-7536, 2024.
- 30. Saraswathi1, Shreedevi Kalyan1* and Mahantesh M N3, Mathematical Modelling to Analyse the Spread of Infectious Disease of Covid-19 and Aids, Petroleum and Chemical Industry International, ISSN: 2639-7536, Volume 7 | Issue 4 | 1, PP.1-10, 2024.
- 31. Shreedevi Kalyan and Indrajeetreddy, Magneto hydrodynamic flow of Electrically Conducting through a Porous Medium in Vertical Channel, South Asian Review ISSN: 0275-9527 E-ISSN: 2573-9476 Vol. 4, Issue 2, February 2025, PP.161-171.
- 32. R Sumithra, Archana M A, Manjunatha N, Raksha. B. E., Sowjanya. H. S, Shreedevi Kalyan and Vijaya Kumar, Two Component Darcy-Benard-Marangoni Convection In A Composite Layer With Salinity Gradients And Variable Heat Sources,pp. 225-237, South Asian Review ISSN: 0275-9527 E-ISSN: 2573-9476 Vol. 4, Issue 2, February 2025.
- 33. Shreedevi Kalyan, Hussein Abdallah Solimanand & Manjunatha N, Mixed Convective Flow in Porous Matrices with Heat Generation/Absorption, pp.266-287, South Asian Review ISSN: 0275-9527 E-ISSN: 2573-9476 Vol. 4, Issue 2, February 2025.
- 34. Shreedevi Kalyan and Yamanappa, Two Phase Nano Fluid Flow Analysis in Vertical Channel, 288-296, South Asian Review ISSN: 0275-9527 E-ISSN: 2573-9476 Vol. 4, Issue 2, February 2025.
- 35. Sumithra R, Archana M. A., Manjunatha N,Shreedevi Kalyan and Vijaya Kumar, Stability Analysis of Darcy-Bénard-Magneto-Marangoni Convective flow with Heat Generation: Two-Layer Configuration, 297-311, South Asian Review ISSN: 0275-9527 E-ISSN: 2573-9476 Vol. 4, Issue 2, February 2025.
- 36. Ch. Pushapalata, Ch. Kisore Kumar,B. Shankar, Shreedevi Kalyan,Numerical Simulation for MHD Darcy-Forchheimer 3-D Stagnation Point Flow by a Rotating Disk with Thermal Radiation, Chemical Reation And Parial Slips Effects, pp. 343-354, South Asian Review ISSN: 0275-9527 E-ISSN: 2573-9476 Vol. 4, Issue 2, February 2025.
- 37. Shekar M, Mahadev M. Channakote, Shreedevi Kalyan and Vinay M.S. Convective flow of nanofluid in a vertical channel with general boundary conditions, pp.367-381, South Asian Review ISSN: 0275-9527 E-ISSN: 2573-9476 Vol. 4, Issue 2, February 2025.
- 38. Mangala Kandagal, Shreedevi Kalyan, Saraswathi and Ramesh Kempepatil, Flow and heat transfer of porous medium with nanofluid in the presence of heat generation/absorption. 382-396, South Asian Review ISSN: 0275-9527 E-ISSN: 2573-9476 Vol. 4, Issue 2, February 2025.

39. Shreedevi Kalyan, Bhagyajyoti B, and Veena P H. Flow Analysis In A Magnetic Field Filled In AVertical Channel, 397-403, South Asian Review ISSN: 0275-9527 E-ISSN: 2573-9476 Vol. 4, Issue 2, February 2025.

Dr. Saraswathi A H

- 1. Steady of Thermal and Concentration Effect on a Fully Developed Jeffrey Fluid with Baffle in a Vertical Passag, Shreedevi Kalyan, Saraswathi, Ali J.Chamkha, Published in the JOURNAL OF NANOFLUID with vol. no: 12 Issue No:02 Page No. 341-347, DOI: 10.1166/jon.2023.2001.
- 2. Steady Jeffery Fluid through Porous Media in Presence of a Baffle in a Vertical Channe, Shreedevi Kalyan, Saraswathi, Published in the Journal Nanofluids with vol. no:12 Page No. 1-8,2023 Published by Dr. Shreedevi Kalyan and Saraswathi.
- 3. Impact Of Magnetic Field On Jeffery Fluid Flow With Baffle", Dr. Shreedevi Kalyan and Saraswathi, Published in the Eur. Chem. Bull, 12 (S2), 5408–5418 DOI: 10.31838/ecb/2023.12.s3.608 2023.
- 4. Thermal and solutal performance analysis featuring fully developed chemically reacting micro-rotational convective flow in an open-ended vertical channel, G.T. Gitte1, Shreedevi Kalyan2, H. Saraswathi2, Vinod Kulkarni3, Mohammed Jameel4,Jagadish Tawade5, Nitiraj Kulkarni5, Barno Abdullaeva6, Refka Ghodhbani7,M. Waqas8,9,published in Case Studies in Thermal Engineering, https://doi.org/10.1016/j.csite.2024.105603,2024.
- 5. Mathematical Modelling to Analyse the Spread of Infectious Disease of Covid-19 and Aids, Saraswathi1, Shreedevi Kalyan1* and Mahantesh M N3, Petroleum and Chemical Industry International, Vol 7(4), ISSN: 2639-7536,2024.

Dr. Vishwas V R M

- Kalshetti Swati Mallinath Vishwas, "Regular Number of Subdivision of Line Graph of a Graph", Vol.13 No 014th Jan (2022), 320-325 Turkish Journal of Computer and Mathematics Education https://www.turcomat.org/index.php/turkbilmat/article/view/12072 (published in International Journal)
- Vishwas V Rudraswami Math and Kalshetti Swati Mallinath, "Implementation of Graph Theory and Application By Maxima Software", Advances and Application in Discrete mathematics Volume 3 Number 2, 22nd April 2023, Pages 203-232 http://dx.doi.org/10.17654/0974165823029 (published in International Journal)
- 3. Kalshetti Swati Mallinath and Vishwas, "Regular Number of Subdivision of Middle Graph of a Graph", Published in "European Chemical Bulletin" June-2023 Vol 12 ISSUE pg no- 19687 19694 DOI: 10.48047/ecb/2023.12.si4.17492023.10/08/2023 (Published in National Journal)
- 4. Vishwas Rudraswamimath Ramesh Kempepatil Advanced study of Shortest Route

Problem and its applications- bellman - ford algorithm Published in "INTERNATIONAL JOURNAL OF SCIENTIFIC DEVELOPMENT AND RESEARCH" Volume 8 issue 6 pg no: 1640-1656