


PROFILE			
Name	:	Dr. S. Dilip Jose	
Designation	:	Assistant Professor	
Department	:	Mathematics	
Educational Qualification	:	M.Sc., PGDCA., M.Phil., Ph. D	
Subject of Interest	:	Fluid dynamics- Numerical simulation on Heat and Mass transfer.	
Publications:	:	LIST OF PUBLICATION IN NATIONAL & INTERNATIONAL JOURNALS/BOOK CHAPTER 1. Selvaraj, S. Dilip Jose, R. Muthucumaraswamy, S. Karthikeyan., MHD-parabolic Flowpast an accelerated isothermal vertical plate with heat and mass diffusion in the presence of rotation, Materials Today: Proceedings, Volume 46, Part 9,2021, Pages 3546-3549, ISSN 2214-7853, https://doi.org/10.1016/j.matpr.2020.12.499 . (Scopus Indexed) 2. Dilip Jose S., Selvaraj A., Muthucumaraswamy R., Karthikeyan S., Jothi E. (2021) MHD-Parabolic Flow Past an Accelerated Isothermal Vertical Plate with Variable Temperature and Uniform Mass Diffusion in the Presence of Rotation. In: Peng SL., Hao RX., Pal S. (eds) Proceedings of First International Conference on Mathematical Modelling and Computational Science. Advances in Intelligent Systems and Computing, vol 1292. Springer, Singapore. https://doi.org/10.1007/978-981-33-4389-4_38 . (Scopus Indexed) (BOOK CHAPTER) 3. Dilip Jose A. Selvaraj A., (2021) Convective Heat and Mass Transfer Effects of Rotation on Parabolic Flow Past an Accelerated Isothermal Vertical Plate in The Presence of Chemical Reaction of First Order. - JP journal of heat and mass transfer. Volume 24, Issue 1, Pages 191-206 (October2021) http://dx.doi.org/10.17654/HM024010191 (Scopus Indexed)	

4. **S. Dilip Jose ; A. Selvaraj** . "Effects of Parabolic Flow Past an Accelerated Isothermal vertical Plate with heat and Mass Diffusion in the presence of Rotation". *Int. J. of Aquatic Science*, 12,3,2021,256263.http://www.journalaquaticscience.com/article_134168_6cd8cef77eb72_5ae55777b172e8f4fe7.pdf (**Web of Science**)

5. **S. Karthikeyan.,A.Selvaraj A, S. Dilip Jose** “Rotational impact on MHD-Parabolic Flow Past an Accelerated Isothermal vertical Plate with variable temperature and Mass Diffusion “November 2021 Design Engineering (Toronto) 2021(8):11851- 11859. <http://www.thedesignengineering.com/index.php/DE/article/view/6253> (**Scopus Indexed**)

6. **D. Maran, A. Selvaraj, M. Usha, S. Dilip Jose**, First order chemical response impact of MHD Flow past an infinite vertical plate with in the sight of exponentially with variable mass diffusion and thermal radiation, *Materials Today: Proceedings*, Volume 46, Part 9, 2021, Pages, 3302-3307, ISSN-2214-7853. <https://doi.org/10.1016/j.matpr.2020.11.464>. (**Scopus Indexed**)

7. **S. Dilip Jose , A.Selvaraj , S.Karthikeyan A.**, Study on shortest route in transportation Problem using dynamic Programming, *Journal of Applied science and computation* (2019) volume VI, issue IV, April/2019 (ISSN NO: 1076-5131) pp-2298-2305. <http://j-asc.com/gallery/305-april-2593.pdf>

8. **A.Selvaraj , S. Dilip Jose , S.Karthikeyan A.**, Application of Differential equation in heat generation on the onset of Marangoni Effect on *International journal of scientific Research and Review (IJSRR)*- volume 7, issue 12, ISSN NO: 2279-543X/ <http://dynamicpublisher.org/gallery/74-ijssr-d1233.fi.pdf>

9. **S.Karthikeyan A ,Selvaraj A, S. Dilip Jose .**, Investigation of Magnetic field on warm unsteadiness of Newtonian liquids with rotational impact on *International journal of scientific Research and Review (IJSRR)*- Volume 7, Issue 12, 2018 ,PP : 607-677 ISSNNO:2279-543X. <http://www.dynamicpublisher.org/gallery/71-ijssr-d1234.fi.pdf>.

10. Jothi E., Selvaraj A., Dilip Jose S., Neel Armstrong A., Karthikeyan S. (2021) Effect of MHD and Radiation Absorption Fluid Flow Past an Exponentially Accelerated Vertical Plate with Variable Temperature and Concentration. In: Peng SL., Hao RX., Pal S. (eds) Proceedings of First International Conference on Mathematical Modelling and Computational Science. Advances in Intelligent Systems and Computing, vol 1292. Springer, Singapore. https://doi.org/10.1007/978-981-33-4389-4_39. (**Scopus Indexed**). (**BOOK CHAPTER**).

11. A. S Sindhu., A. Selvaraj., S. Dilip Jose “Analysis on Rotational impacts of parabolic flow past an accelerated isothermal vertical plate with variable temperature and uniform mass diffusion”. Advances and Application in mathematical sciences Vol 21, Issue 11, September 22 PP-6373-6384. (**Scopus -UGC CARE-II**)

12. S. Dilip Jose, A. Selvaraj “Heat and Mass Transfer on Effects of Rotation on Magnetohydrodynamic-Parabolic Flow Past an Accelerated Isothermal Vertical Plate with First order Chemical Reaction.” November 2021 Design Engineering(Toronto)2021(8):10198-10207.
<http://www.thedesignengineering.com/index.php/DE/article/view/6079> (**Scopus Indexed**)

13. Lakshmikaanth D, Selvaraj A, Selvaraju P, Jose SD. Hall and heat source effects of flow past a parabolic accelerated isothermal vertical plate in the presence of chemical reaction and radiation. JPJHMT [Internet]. 2023 Jul. 14 [cited 2023 Jul. 24];34:10526. Available from: <https://pphmjopenaccess.com/index.php/jphmt/article/view/856> (**Scopus Indexed**)

14. Aruna M, Selvaraj A, Dilip Jose S, Karthikeyan S. Influence on MHD-Parabolic flow across a vertical plate is triggered by a rotating fluid with uniform temperature and variable mass diffusion in the absence of hall and Dufour effects. Eur Chem Bull [Internet]. [cited 2023 Jul 24]; 2023:1123–32. Available

		<p>from:https://www.eurchembull.com/uploads/paper/cf33ba41d0425c378c3112bbe04e2b45.pdf (Scopus Indexed)</p> <p>15. P. Geetha, S. Dilip Jose, B. Sridevi. "Partitioning into consecutive square integers". Journal of Data Acquisition and Processing. 2023 May 7;38(2):1812–9. (Scopus Indexed)</p> <p>16. Patent published titled on "Relating the use of matrices to encode and decode messages with population models, and control terrestrial traffic" by P.N. Sudha, Geetha Palanivel, R Balakumar, S.Manimozhi, A.Muthamizh Selvan ,S.Dilip jose.</p> <p>17. Jose, S. D., Selvaraj, K., Sudha, P. N., Geetha, P., & Lakshmikaanth, D. (2023). Heat and mass transfer effects on parabolic flow past an accelerated isothermal vertical plate in the presence of chemical reaction and hall current. <i>JP Journal of Heat and Mass Transfer</i>, 35, 55–74. https://doi.org/10.17654/0973576323042 (Scopus Indexed)</p> <p>18. Dissertation submitted on an image filter on impulse noise removal based on type 2fuzzy sets. during my M.Phil.</p> <p>19. Research Project on A note on human error an analysis using induced fuzzy cognitive map. during M.Phil.</p>
Paper Presentation		<p>LIST OF PAPER PRESENTATION IN NATIONAL/ INTERNATIONALCONFERENCE /PARTICIPATED.</p> <p>1. Research Paper presented in International Virtual Conference on Smart Advanced Material Science and Engineering Applications (IVCSAMSEA 2020) titled Convective Heat and Mass Transfer Effects of Rotation on Parabolic Flow Past an Accelerated Isothermal Vertical Plate in The Presence of Chemical Reaction of First Order. Research Paper presented in (IVCSAMSEA 2020) titled Heat and Mass Transfer on Effects of Rotation on Magnetohydrodynamic-Parabolic Flow Past an Accelerated Isothermal Vertical Plate with First-order Chemical</p> <p>2. Research papers presented at the Fourth International Conference on Current scenario in pure and applied</p>

		<p>mathematics (ICCSPAM-2021) organized by Kongunadu college during 29–30 January 2021. Title- Effects of Parabolic Flow Past an Accelerated Isothermal vertical Plate with heat and Mass Diffusion in the presence of Rotation.</p> <p>3. Research papers presented at the International Conference on Materials, manufacturing Robotics Automation artificial intelligence and networking for industry 5.0 organised by Excel Eng. college during 28-29 January 2021. Title Analysis of rotational impacts of parabolic flow past an accelerated isothermal vertical plate with variable temperature and uniform mass diffusion.</p> <p>4. Research paper presented in International conference on mathematical modelling and computational science (ICMMCS-2020)-August 14th and 15th 2020. Title-MHD- parabolic Flow past an accelerated isothermal vertical plate with variable temperature and uniform mass diffusion in the presence of rotation.</p> <p>5. Paper presented in International E-conference on Advance Research in science Engineering technology and management (ICARSETM) 24th and 25th July-2020. Title- Impact on MHD parabolic flow past a started a vertical plate in the presence of rotating fluid with uniform temperature and variable mass diffusion</p> <p>6. Research paper titled-MHD-Parabolic Flow Past an Accelerated Isothermal vertical Plate with Heat and Mass Diffusion in the presence of Rotation- Accepted for Presenting in International Conference on Materials, Manufacturing and Mechanical Engineering for Sustainable Developments (ICMSD-2020)</p> <p>7. Research paper titled- Heat and Mass transfer effects on parabolic flow past an accelerated isothermal vertical plate in the presence of chemical reaction and hall</p>
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		<p>current is presented in international conference on mathematical modelling & Applied Analysis & Computation (ICMMAAC-2023)</p> <p>8. Paper presented in international conference on mathematical modelling & Applied Analysis & Computation (ICMMAAC)-March 16 & 17th-2023 Title- Significance of RFID Under the Lagrange's Mean Value Theorem in Traffic Violation.</p> <p>9. Paper presented in international conference on mathematical modelling & Applied Analysis & Computation (ICMMAAC)-March 16 & 17th-2023 Title- a note on influencing factors of spreading "covid19" Using induced fuzzy cognitive map.</p> <p>10. Participated in the National Symposium on <i>Emerging areas on research in science Engineering & Management</i> organised by VISTAS held on 15 and 16 October 2018.</p> <p>11. Participated in National conference on <i>Recent trends in Advanced mathematics</i> organised by Dept of Maths -VISTAS held on 10-02-2021.</p> <p>12. Participated in National workshop on <i>outcome-based education</i> organised by Dept of Maths-VISTAS held on 21-01-2021.</p> <p>13. Participated in <i>National webinar on How to face NET/SET and GATE examination in mathematics</i> organised by Dept of Maths -VISTAS held on 19-02-2021.</p> <p>14. Participated in a two-day state-level technical workshop on <i>Intellectual property rights</i> conducted on October 18 and 19th-2020 organized by Tamilnadu state council for science and technology and VISTAS.</p> <p>15. Participated in a Workshop on Actuarial Mathematics, January 23, 2014, Women's Christian college.</p>
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Awards / leadership Qualities		<p>16. Participated in National Workshop on Fuzzy Set Theory and its Applications, February9, 2015, Loyola College, Chennai.</p> <p>17. Participated in Fr.Felix mathematics exhibition held on 5th December 2014,Loyola college.</p> <ul style="list-style-type: none"> • Awarded as BEST YOUTH service member JANVARY 2018 by GANDHI WORLD FOUNDATION collaborated with PUTHIYA THALAIMURAI (media partner) from the selection process held all over Tamilnadu. • VICE-PRESIDENT of Rotaract club of Loyola community (sponsored by Rotary club of madras sun city-Rotary international district 3232) for the academic years 2016-17 and 2017-18. • PRESIDENT-ELECT of Rotaract club of Loyola community for the Rotary year 2018-19. • PRESIDENT of Rotaract club of Loyola community for the Rotary year 2019-20. • SECRETARY of Rotaract club of Loyola community for Rotary year 2020-21.
Google Scholar link		https://scholar.google.com/citations?view_op=list_works&hl=en&user=rKrP4qQAAAAJ
Research gate		https://www.researchgate.net/profile/S-Dilip-Jose
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