

RESEARCH PUBLICATIONS

1	G. Indulal and A. Vijayakumar, On a Pair of Equienergetic Graphs, <i>Comm. Math Comput. Chem. (MATCH)</i> 55 (2006), 83 - 90 Scopus Indexed
2	G. Indulal, A. Vijayakumar, Energies of some non-regular graphs, <i>J. Math. Chem.</i> 42(2007), 377 - 386. Scopus Indexed
3	G. Indulal, A. Vijayakumar, Equienergetic self-complementary graphs, <i>CzechoslovakMath J.</i> ,58 (2008) 911–919. Scopus Indexed
4	G. Indulal, A. Vijayakumar, Some new integral graphs, <i>Applicable Analysis and Discrete Mathematics</i> , 1 (2007), 420–426. Scopus Indexed
5	G. Indulal, A. Vijayakumar, Classes of T'urker equivalent graphs, <i>Graph Theory Notes of New York</i> , L III , 30 - 36 (2007). Scopus Indexed
6	G. Indulal, A. Vijayakumar, A note on energy of some graphs, <i>MATCH Commun. Math. Comput. Chem.</i> 59(2008), 269-274. Scopus Indexed
7	G. Indulal, I. Gutman, A. Vijayakumar, On distance energy of graphs, <i>MATCH Commun.Math. Comput. Chem.</i> 60(2008),461–472. Scopus Indexed
8	G. Indulal, I. Gutman, On the distance spectra of some graphs, <i>Math. Commun.</i> 13(2008), 123 -131. Scopus Indexed
9	I. Gutman, G. Indulal, and R. Todeschini, Generalizing the McClelland Bounds for Total π - Electron EnergyZ. <i>Naturforsch.</i> 63a, 1 3 (2008) Scopus Indexed
10	G.Indulal , Sharp bounds on the distance spectral radius and the distance energy of graphs, <i>Lin. Algebra Appl.</i> 430 (2009), 106–113. Scopus Indexed
11	Indulal, G., The distance spectrum of graph compositions, <i>Ars. Mathematica Contemporanea</i> 2 (2009), 93 – 100. Scopus Indexed
12	Stevanović, D. and Indulal, G., The distance spectrum and energy of the compositions of regular graphs, <i>Appl. Math. Lett.</i> 22 (2009), 136 – 1140. Scopus Indexed
13	Indulal, G. and Gutman, I., D-equienetic self - complementary graphs, <i>Kragujevac. J.Math.</i> (2009), 123 - 131 Scopus Indexed
14	Indulal, G., The spectrum of neighborhood corona of graphs. , <i>Kragujevac J. Math.</i> 35,No. 3, 493 - 500 (2011) Scopus Indexed
15	Indulal, G. Spectrum of two new joins of graphs and infinite family of integral graphs, <i>Kragujevac J. Math.</i> 36, No. 1, 133 - 139 (2012). Scopus Indexed
16	G. Indulal , R. Balakrishnan, A. Anuradha, Some new families of integral graphs, <i>Indian J. of Pure and Appl Maths</i> , 805–817(2014) Scopus Indexed

17	G. Indulal , Stevanović, D., The distance spectrum of Corona and cluster of two graphs AKCE Journal of Graphs and Combinatorics,12 (2015) 186192
19	G.Indulal ,New families of integral graphs, Discrete Mathematics, Algorithms and Applications Vol. 8, No. 4 (2016) 1650063 1-9. Scopus Indexed
20	G.Indulal , The distance spectrum and energy of the median and total graph of acycle,Kragujevac J. Math. 40, No. 2, 298-305 (2016) Scopus Indexed
21	G. Indulal, R. Balakrishnan, The distance spectrum of Indu-Bala Product of graphsAKCE International Journal of Graphs and Combinatorics 13 (2016) 230-234 Scopus Indexed
22	G.Indulal , Mary George, The wiener index of some derived graphs , Journal of Applied Mathematics and Applications, Volume 6, Number 1, February 2017, pp. 3-6(4)
23	G.Indulal , The wiener index of some graphs , Kerala Mathematical Bulletin, Dec 2017
24	G.Indulal , D– spectrum and D– energy of the complements of iterated line graphs of regular graphs , Algebraic Structures and its Applications, Article 5, Volume 4, Issue 1, Summer and Autumn 2017, Page 51-56
25	G.Indulal, Deena C Scaria, X.Liu , The distance spectrum of the subdivision vertex join and subdivision edge join of two regular graphs, Discrete Math. Lett. 1 (2019) 36- 41 - Scopus Indexed
26	Deena C Scaria, G.Indulal, The Distance Laplacian and Distance Signless Laplacian Spectrum of the subdivision vertex join and subdivision edge join of two regular graphs, Discrete Math. Algorithms and Applications. 1 (2019)1950053-1-11 – Scopus Indexed
27	Palathingal, J.J., Indulal, G., Lakshmanan, S.A. Spectrum of Gallai Graph of Some Graphs. Indian J Pure Appl Math 51, 1829-1841 (2020) - Scopus Indexed
28	G. Indulal, Liju Alex, 3, Suleyman Ediz, The R-index of some graphs, Proceedings of IAM, V.9, N.2, 2020, pp.119-125.
30	Deena C Scaria, Indulal G , The spectrum of some generalised graphs related to cycles, Indian Journal of Pure and Applied mathematics 52, 274280 (2021) – Scopus Indexed
31	Jeepamol P, Indulal G, Aparna L, The spectrum of the Anti-Gallai Graphs of some graphs, Indian Journal of Pure and Applied mathematics , 52, 304-311 (2021) – Scopus Indexed
32	Jinu Mary Jameson , Gopalapilla Indulal, On the normalized (distance) Laplacian spectrum of linear dependence graph of a finite-dimensional vector space, Discrete Math Lett. 5 (2021) 49-55 - Scopus Indexed
33	G Indulal, Liju Alex, I.Gutman , On Graphs preserving PI index upon edge removal. Journal of Math.Chem,59,(2021)1603-1609. - Scopus Indexed

34	Indulal Gopalapillai, Deena C Scaria, The Distance related spectra of some subdivisionrelated graphs, Journal of Computer Science and Applied Mathematics Vol. 3,no.1, (2021),23-36
35	Liju Alex, Indulal Gopalapillai, Wiener index of FHsums of graphs, Journal of ComputerScience and Applied Mathematics, Vol. 3, no.2, (2021), 37-57
36	Liju Alex, Indulal Gopalapillai, On a conjecture on the edge mostar index of bicyclic graphs, Iranian Journal of Mathematical Chemistry, Volume 14, Issue 2, August 2023,Pages97-108 - Scopus Indexed
37	Jiny Johny C J and Indulal Gopalapilla,Skew Spectrum of some graphs related to PetersenGraph, Palestine Journal of Mathematics, 12(2)(2023)246-253 - Scopus Indexed
38	Liju Alex, G. Indulal, ZAGREB INDICES OF A NEW SUM OF GRAPHS, URALMATHEMATICAL JOURNAL,Vol9, No 1, 2023,3-16 - Scopus Indexed
39	Liju Alex, G. Indulal, ZAGREB INDICES OF SOME CHEMICAL STRUCTURESUSING NEW PRODUCTS OF GRAPHS, Journal of Hyperstructures 12 (2) (2023), 257-275 - Scopus Indexed
40	Liju Alex, G. Indulal, INVERSE PROBLEM FOR MOSTAR INDEX OF CHEMICAL TREES AND UNICYCLIC GRAPHS, Palestine Journal of Mathematics (In Press) - ScopusIndexed
41	Deena C Scaria, Indulal G , The distance seidel spectrum of some graph operations,Journal of Hyper structures (In Press)- Scopus Indexed
42	Liju Alex, G. Indulal Sharp bounds on additively weighted Mostar index of Cacti,Communications in Combinatorics and optimization (In Press) - Scopus Indexed https://doi.org/10.22049/cco.2024.28757.1702
43	Liju Alex, John Joy, G. Indulal, Induced Dominating Sequence and ESDGraph,Proyecciones (Antofagasta)(Accepted) - Scopus Indexed
44	Jubin Antony, “Willingness to Pay for Access to Improved and Reliable Piped Water: A Contingent Valuation Study in Kerala, India”, <i>Thailand Statistician</i> , 2019, 17(1), 75-83.
45	Jubin Antony. “Recent Trends in Credit Scoring and Financial Modelling: A Review”, <i>Journal of Propagations in Probability and Statistics</i> , 2018, 18(1), 13-21.
46	Jubin Antony. On Improving the Efficiency of Double Bound Estimators in Contingent Valuation Studies, <i>Aloysian Research Journal</i> , 2015, I, 39-47

47	Jubin Antony and Rao, K.A. Economic Valuation of Cultivation of Mangroves: A Willingness to Work Study Using Zero Inflated Poisson Distribution. Statistica & Applicazioni , 2011, IX(1), 93-99
48	Jubin Antony and Rao, K.A. Tests Concerning Inflated Poisson Distribution with Applications in Contingent Valuation. Proceedings of VI International Symposium on Optimisation and Statistics , Edited by A.H. Khan, Published by Anamaya Publishers, New Delhi, India, 2011, 15-32
49	Jubin Antony and Rao, K.A. Contingent Valuation: A review with Emphasis on Estimation Procedures. InterStat , July 2010, #004
50	Jubin Antony and Rao, K.A. On Comparison of Model-based and Design-based Estimators of Mean for Count Data with Excess Zeros. International Transactions in Mathematical Sciences & Computer , 2010, 2(2) 419-442
51	Jubin Antony and Rao, K.A. Willingness to Pay: A Comparison between Single and Double Bound Estimators. InterStat , August 2009, #005
52	Rao, K.A. and Jubin Antony. On the Use of Regression Estimators for Estimation of Average WTP in Contingent Valuation Studies. Paper published in the Proceedings of 56th International Statistical Institute Session held at Lisboa, Portugal, 2007.
53	Rogers, A., Meundi, A.D., Amma, A., Rao, K.A., Shetty, P., Jubin Antony, Sebastian, S., Shetty, P., Shetty, A.K. HIV-related knowledge, attitudes, perceived benefits and risks of HIV testing among pregnant women in rural India. AIDS Patient Care and STDS , 2006, 20, 803-11.
54	Rao, K.A. and Jubin Antony. A new methodology for measuring environmental changes. Multiple Dimensions of Global Environmental Change , Edited by Sangeeta Sonak, Published by Teri Press, New Delhi, India, 2006
55	Rao, K.A., Jubin Antony, and Subrahmanyam Nair. On inference concerning biodiversity. Multiple Dimensions of Global Environmental Change . Edited by Sangeeta Sonak. Published by Teri Press, New Delhi, India, 2006.
56	Jubin Antony, Rao, K.A. and Bhattacharya, R. Use of Generalized Estimating Equations in Contingent Valuation Studies. Paper published in the Proceedings of the 54th session of the International Statistical Institute held at Berlin, Germany, 2003
57	A. Anguraj, Anu Souriar "Exact Null Controllability of Semilinear Integro-differential Systems", <i>J.Math.Comput.Sci.</i> , 9(2019), 418-431.
58	Anu Souriar, A. Anguraj "Controllability of Impulsive Functional Integro-differential Systems", <i>International Journal of Applied Engineering Research</i> , 14(3)(2019), 11-15.
59	Anu Souriar "Exponential Stability of Random Impulsive Semilinear Integro-differential Systems",

	Eng.Math.Lett.,2019(2019),Article ID 8.
60	Anu Souriar, A.Anguraj “Existence, Unidueness and Stability Results of Random Impulsive Semilinear Integro-differential Systems”, International Journal of Research in Advent Technology, vol.7,No.4s,April 2019.
61	Anu Souriar, A.Anguraj “Controllability of Impulsive Functional Integro-differential Systems with Delay”, IJAER, 14(3)(2019),16-21.
62	K.Malar, Anu Souriar “Controllability of Fractional Impulsive Integro-differential Equations with State Dependent Delay”, International Journal of Application or Innovation in Engineering & Management, ISSN 2319-4847,2021
63	Anu Souriar, K.Malar, “Existence And Approximate Controllability Of Nonlocal And Impulsive Neutral Integro-Differential Evolution Equations Of Finite Delay”, International Journal of Creative Research Thoughts, ISSN 2320-2882,2023.
64	Jijo Joy and K. P. Jose, ” A discrete time perishable inventory model with positive lead time”, Malaya Journal of Matematik, Vol. S, No. 1, 39-44, 2020.
65	Jijo Joy, K. P. Jose, “ A Discrete Time Perishable Inventory System Under and Age-Dependent-Requests” Communications in Computer and Information Science, Conference Proceedings ITMM 2022, Vol. 1803, 189-199, 2023. (Springer)