

DEPARTMENT OF MATHEMATICS

SL. No.	Title of article	Authors	Journal & Publisher	Year	Indexed
1	COMPUTING CERTAIN TOPOLOGICAL INDICES FOR LINE GRAPHS OF TADPOLE GRAPHS, WHEEL GRAPH AND LADDER GRAPH	Prashant Patil Girish Yattinhalli	International Journal of Mathematical Archive	2019	UGC
2	ON SQUARE DEGREE DISTANCE OF MYCIELSKIAN GRAPHS	Shalaja Shirakol, Manjula Kalyanshetti	International Journal of Scientific and Technical Research in Engineering (IUSTRE)	2019	UGC
3	OSPR ANALYSIS OF CERTAIN DISTANCE BASED TOPOLOGICAL INDICES	Shalaja Shirakol ¹ , Manjula Kalyanshetti ² , Sunilkumar M. Hosamani ³	Applied Mathematics and Nonlinear Sciences	2019	UGC
4	DISTANCE-BASED TOPOLOGICAL ACHARYA POLYNOMIAL AND INDICES OF HAMILTONIAN GRAPHS	Shalaja Shirakol & Manjula Kalyanshetti	Journal of Shanghai Jiaotong University	2019	UGC
5	Minimum covering energy of some derived and coalescence of complete graphs	Raju Kotambari, Sudhir Jog	International Journal of Advanced Science & Engineering	2020	UGC
6	Second Zagreb indices of transformation graphs and total transformation graphs	Prashant Patil Girish Yattinhalli	Open Journal of Discrete Applied Mathematics (ODAM)	2020	UGC
7	ON NEIGHBORHOOD DEGREE DISTANCE AND NEIGHBORHOOD GUTMAN INDEX OF MOLECULAR GRAPHS	Shalaja Shirakol and Manjula Kalyanshetti	Journal of Shanghai Jiaotong University	2020	UGC
8	NEW ECCENTRICITY BASED TOPOLOGICAL INDICES OF TOTAL TRANSFORMATION GRAPHS	S. M. Hosamani ¹ , I. N. Cangul ² , S. S. Shirakoğlu and M. V. Kalyanshetti ³		2020	UGC
9	Minimum covering energy of some derived and coalescence of complete graphs	Raju Kotambari, Sudhir Jog	Journal of Huazhong University of Science and Technology	2021	UGC
10	Computing Topological Indices of Certain Windmill Graphs	Prashant Patil, Rahul Munavalli	Journal of Computational Mathematica	2022	UGC
11	THE AVERAGE DEGREE-DISTANCE INDEX OF GRAPH OPERATIONS	Shalaja Shirakol and Manjula Kalyanshetti	Journal of Computational Mathematic	2022	UGC
12	DEGREE DISTANCE BASED TOPOLOGICAL INDICES OF SOME GRAPH TRANSFORMS	Sunilkumar M. Hosamani, Shalaja S. Shirakol, Murat Cancan,	Journal of Discrete Mathematical Sciences & Cryptography	2022	UGC

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