

THE NEW COLLEGE (AUTONOMOUS), CHENNAI -600104
Post Graduate Department of Mathematics

PUBLICATIONDETAILS

Year 2021

S.No	Name of the Faculty	Title of the Article and web Link (if available)	Name of the Journal	ISBN / ISSN / Impact Factor
1	V. Kamal Nasir V. P. Beenu	Unbalanced transportation problem with pentagonal intuitionistic fuzzy number solved using ambiguity index http://malayajournal.org/articles/MJM09010126.pdf	Malaya Journal of Matematik	ISSN(O):2321-5666
2	D.KajaMohaideen, A.FiazAhamed N.MohammedNadeemullah	Investigation of students perception of the online learning process during pandemic using statistical and data mining methods https://www.malayajournal.org/articles/MJM09010121.pdf	Malaya Journal of Matematik	ISSN(P):2319-3786 ISSN(O):2321-5666
3	D. KajaMohaideen S.Baskaran D.Mohammed Ibrahim	Application of k-means clustering in spoken English training process https://www.malayajournal.org/archive/MJM09010027.pdf	Malaya Journal of Matematik	ISSN(P):2319-3786 ISSN(O):2321-5666
4	S.Baskaran	On strict strong coloring of central graphs https://www.malayajournal.org/archive/selected_article.php?id=2643	Malaya Journal of Matematik	ISSN(P):2319-3786 ISSN(O):2321-5666
5	S. Baskaran A.M. Shahul Hameed	On total dominator coloring of middle graph, total graph and shadow graph https://www.malayajournal.org/archive/selected_article.php?id=2649	Malaya Journal of Matematik	ISSN(P):2319-3786 ISSN(O):2321-5666
6	F.Amjad Basha Sindhu J Kumar FiazAhamedA	Characterization of central splicing www.gisscience.net/VOLUME-8-ISSUE-5-2021/	GIS sciencejournal	ISSN number: 1869-9391

7	Amjad Basha	A comparative Literature survey of splicing system	Bulletin Monumental	ISSN: 0007-473X
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Year 2020

S.No	Name of the Faculty	Title of the Article and web Link (if available)	Name of the Journal	ISBN / ISSN / Impact Factor
1	M.Zahiruddin Sheriff A.P.Ponraj	\mathcal{H} -hyperconnected spaces	Journal of Computer and Mathematical sciences	ISSN(P): 0976-5727 ISSN (O): 2319-8133
2	A.P.Ponraj M.Zahiruddin Sheriff	Remarks on pre- \mathcal{H} -open set	Journal of Computer and Mathematical sciences	ISSN(P): 0976-5727 ISSN (O): 2319-8133
3	S.Moidheen Aliyar, K. Manikandan, S. Manimaran	An Equitable Total Coloring of Some Classes of product of Graphs https://doi.org/10.37418/amsj.9.10.65	Advances in Mathematics: Scientific Journal	1857-8438
4	K. Manikandan, S. Moidheen Aliyar S. Manimaran	An Equitable Edge Coloring of Some Classes of product of Graphs https://doi.org/10.26637/MJM0804/0002	Malaya Journal of Mathematik	2321-5666
5	A. Mohammed Abid T.R. Ramesh Rao	Dominator Coloring Changing and Stable Graphs upon Vertex Removal http://www.combinatorialmath.ca/JCMCC/	Journal of Combinatorial Mathematics and Combinatorial Computing	0835-3026
6	A. Mohammed Abid T.R. Ramesh Rao	On strict strong coloring of graphs https://www.worldscientific.com/doi/10.1142/S1793830921500403	Discrete Mathematics, Algorithms and Applications	1793-8309/1793-8317
7	M.Ashraf Ali A.Mohamed Ismail S.VaithyaSubramanian	Dusty fluid flow-Unsteady MHD with two parallel plates with heat and mass source	International conference on Mathematical sciences	1770I(2021) 012046

Year 2019

S.No	Name of the Faculty	Title of the Article and web Link (if available)	Name of the Journal	ISBN / ISSN / Impact Factor
1	V.Kamal nasir V.P.Beenu	Pentagonal intuitionistic fuzzy number with ambiguity index http://j-asc.com/gallery/104-june-3116.pdf	JASC: Journal of Applied Science and Computations	ISSN NO: 1076-5131
2	K. Prassanna Lakshmi, K. Jeganathan, V. Kamal Nasir , M. Niyaz Ahmed	A Queueing Inventory System with Two Kinds of Customers and Server Working Breakdown	The International Journal of Analytical and Experimental modal Analysis	0886-9367
3	K. Prassanna Lakshmi, K. Jeganathan, V. Kamal Nasir , M. Abdul Reiyas	A Queueing Inventory System with Server Working Breakdown <i>DOI: 10.35940/ijitee.L2572.1081219</i>	International Journal of Innovative Technology and Exploring Engineering	2278-3075
4	K. Prassanna Lakshmi, K. Jeganathan, V. Kamal Nasir , M. Abdul Reiyas	Markovian Queueing Inventory System with Two Stage Working Vacations http://doi.org/10.28919/mfl/3977	Mathematical Finance Letter	2051-2929
5	S.Moidheen Aliyar , S. Manimaran, K. Manikandan	Equitable Total Coloring of Direct Product of Path and Cycle www.compmath-journal.org	Journal of Computer and Mathematical Sciences	2319-8133
6	S. Manimaran, S.Moidheen Aliyar , K. Manikandan	Equitable Edge Coloring of Strong Product of Cycle, Complete Graph https://doi.org/10.26438/ijsrmss/v6il.303306	International Journal of Scientific Research in Mathematical and Statistical Sciences	2348-4519
7	S. Manimaran, S.Moidheen Aliyar , K. Manikandan	Equitable Total Coloring of Strong Product of Cycle, Complete Graph http://j-asc.com <i>DOI:16.10089.JASC.2019.V616.453459.1500101795</i>	Journal of Applied Science and Computations	1076-5131

8	A. Mohammed Abid T.R. Ramesh Rao	Dominator coloring of Mycielskian graphs https://ajc.maths.uq.edu.au/?page=get_volumes&volume=73	Australasian Journal of Combinatorics	2202-3518/1034-4942
9	M.Ashraf ali A.Mohamed Ismail	Automation in volume fraction of binary phase components http://doi.org/10.1080/01430750.2019.1653981	Taylor & Francis	

Year 2018

S.No	Name of the Faculty	Title of the Article and web Link (if available)	Name of the Journal	ISBN / ISSN / Impact Factor
1	A. Mohammed Abid T.R. Ramesh Rao	Dominated coloring of Mycielskian graphs https://acadpubl.eu/hub/2018-119-13/issue1.html	International Journal of Pure and Applied Mathematics	1311-8080/1314-3395

Year 2017

S.No	Name of the Faculty	Title of the Article and web Link (if available)	Name of the Journal	ISBN / ISSN / Impact Factor
1	F.Amjab Basha Sindhu. J. Kumaar Dr.C.V.Jaya Kumar	Learnability of Language Identification Using Antithetical Reply.	IEEE - Computing and Communication Technologies.	
2	F.Amjab Basha Sindhu. J. Kumaar V.Lavanya Dr.C.V.Jaya Kumar	A Computational Model for monitoring the Hexose Monophosphate (HMP) Shunt Pathway	IEEE - Computing and Communication Technologies.	
3	K.Raja Chandrasekar A.Mohamed Abid	Edge irredundant coloring in graphs	Electronic notes in Discrete Mathematics (ELSEVIER)	63(2017) 211-218

Year 2016

S.No	Name of the Faculty	Title of the Article and web Link (if available)	Name of the Journal	ISBN / ISSN / Impact Factor
1	F.Amjab Basha Sindhu. J. Kumaar	Sequential And Graph Controlled Contextual Insertion-Deletion Systems.	IEEE - Computational Intelligence and Computing Research.	
2	F.Amjab Basha Sindhu. J. Kumaar	A Comparative Literature Survey of Insertion-Deletion Systems.	Global Journal of Pure And Applied Mathematics, vol.12, pp. 50- 54.	
3	F.Amjab Basha Sindhu. J. Kumaar	A Note on Contextual Insdel System with Sequential Operations.	International Journal of Applied Engineering Research, vol.11, pp. 7- 13.	