



M. S. P. Mandal's

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Department of Mathematics

Research Publications

i. Research Papers Published in the Journal:

1. A. D. Godase

Sr. No.	Type of Journal	Title with Volume & Page No.	Journal Details	Published year	Sole/ Co-Author	Peer Review/Impact Factor
01	International	Recurrent formulas of the generalized Fibonacci sequences of fifth order 4(6), pp.61-67 Open	<i>International Journal of Mathematical Archive</i> ISSN No. 2229-5046	2013	Sole	Refereed and Indexed Journal
02	International	Fundamental properties of multiplicative coupled Fibonacci sequences of fourth order under two specific schemes 4(6), pp. 74-81 Open	<i>International Journal of Mathematical Archive</i> ISSN No. 2229-5046	2013	Sole	Refereed and Indexed Journal
03	International	On the properties of k- Fibonacci and k- Lucas numbers 2(1), pp. 100-106 Open	<i>International Journal of Advances in Applied Mathematics and Mechanics</i> ISSN No. 2347-2529	2014	Sole	Refereed and Indexed Journal in Mathematical Review
04	International	On the properties of generalized Fibonacci like polynomials 2(3), pp. 234-251	<i>International Journal of Advances in Applied Mathematics and</i>	2015	Sole	Refereed and Indexed Journal in Mathematical Review&

		Open	<i>Mechanics</i> ISSN No. 2347-2529			Zentrallbath
05	International	On The Properties of Generalized Multiplicative Coupled Fibonacci Sequence of r^{th} order 2(3), pp. 252-257 Open	<i>International Journal of Advances in Applied Mathematics and Mechanics</i> ISSN No. 2347-2529	2015	Sole	Refereed and Indexed Journal in Mathematical Review & Zentrallbath
06	International	Unit Graph of Some Finite Group Z_n , C_n and D_n 1(2), pp. 122-130 Open	<i>International Journal of Universal Science and technology</i> ISSN No. 2454-7263	2015	Sole	Refereed and Indexed Journal
07	International	k Fibonacci and k Lucas Sequences and their Associated Matrices 16, pp. 43-56 Open	<i>Journal of Tripura Mathematical Society</i> ISSN No. 0972-71320	2015	Sole	Refereed and Indexed Journal
08	International	Summation identities for k Fibonacci and k Lucas numbers using matrix methods 5(2), pp. 74-80 Open	<i>International Journal of Mathematics and Scientific Computing</i> ISSN No. 2231-5330	2016	Sole	Refereed and Indexed Journal in Mathematical Review & Zentrallbath
09	International	Determinantal Identities for k Lucas Sequence 12, pp. 01-07 Open	<i>Journal of New Theory</i> ISSN No.2149-1402	2016	Sole	Refereed and Indexed Journal
10	International	Fibonacci and k Lucas Sequences as Series of Fractions 04(2), pp. 107-119 Open	<i>Mathematical Journal of Interdisciplinary Sciences</i> ISSN No.2278-9561	2016	Sole	Refereed and Indexed Journal in Indian Citation Index
11	International	Properties of k -	<i>MAYFEB Journal of</i>	2017	Sole	Refereed and

		Fibonacci Sequence Using Matrix Method 17, pp. 11–20 Open	<i>Mathematics</i> ISSN No.2278-9561			Indexed Journal
12	International	Identities of Multiplicative Coupled Fibonacci Sequences of r^{th} order. 15, pp. 48–60 Open	<i>Journal of New Theory</i> ISSN No.2149-1402	2017	Sole	Refereed and Indexed Journal
13	International	Recurrent Formulas of the Generalized Fibonacci Sequences of Third & Fourth order. 17, pp. 103–110 Open	<i>Indian Journal in Number Theory</i>	2017	Sole	Refereed Journal
14	International	Vector Approach to a New Generalization of Fibonacci Polynomial 17, pp. 45–56 Open	<i>Journal of New Theory</i> ISSN No.2149-1402	2017	Sole	Refereed and Indexed Journal
15	International	Identities Involving k-Fibonacci and k-Lucas Sequences 34(01) pp. 125-143 Open	<i>Mathematics Today</i> 0976-3228	2018	Sole	Refereed and Indexed Journal in ICI
16	International	A matrix representation of a generalized Fibonacci polynomial 19, pp.01-19 Open	<i>Journal of New Theory</i> ISSN No.2149-1402	2018	Sole	Refereed and Indexed Journal
17	International	Some Telescoping Series for k Fibonacci and k	<i>Mathematics Today</i> 0976-3228	2019	Sole	Refereed and Indexed Journal in ICI

		Lucas Sequences. 35(2), pp. 44-49 Open				
18	International	Properties of k-Fibonacci and k-Lucas Octonions 50(04) , pp.979–998 Open	<i>Indian Journal of Pure and Applied Mathematics</i> ISSN: 0019-5588 (print version) ISSN: 0975-7465 (electronic version)	2019	Sole	Refereed and Indexed Journal in Web of sci. & Scopus 0.516 (2019) Impact factor 0.571 (2019) Five year impact factor
19	International	Hyperbolic k-Fibonacci and k-Lucas Octonions 26(3), pp.176-188 Open	<i>Notes on Number Theory and Discrete Mathematics</i> 1310-5132(print), 2367-8275 (online)	2020	Sole	Refereed and Indexed Journal in Web of sci. & Scopus 0.827 (2019) Impact factor
20	International	Hyperbolic k-Fibonacci and k-Lucas Quaternions 90(1-2), pp. 103-116 Open	<i>Mathematics Student</i> 0025-5742	2021	Sole	Refereed and Indexed Journal in Web of sci. & Scopus 0.356 (2019) Impact factor

ii. Chapters/Papers Published in Edited Books:

1. A. D. Godase

Sr. No.	Type of Conference	Title with Page No.	Details of Conference Publication	ISSN/ ISBN No.	Published year	Sole/ Co-Author
01	National	<i>Recurrent Formulas of the Generalized Fibonacci Sequences of third and fourth Order(pp. 133-140)</i>	National Conference 'Advances in Computational Mathematics'	978-93-80876-86-3	2015	Sole
02	National	<i>On Some New Identities Concerning the</i>	National Conference on	-	2019	Sole

		<i>Generalized k-Lucas Sequence and its Companion Sequence pp.01-10</i>	'Innovative Research in Science & Technology'.			
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iii. Books published as an author or editor:

1. A. D. Godase

Sr. No.	Title of the Book	No. of Pages in Book	ISSN/ISBN	Publisher	Sole/ Co-Author
01	<i>Advances in Computational Mathematics</i>	166	9789380876863 Year: 2013	Educational Publishers, Aurangabad	Principal Author
02	<i>Groups using Graphs</i>	53	10: 1519189540 13: 978-1519189547 Year: 2015	Create Space Independent Publishing Platform by Amazon & Kindle	Principal Author
03	<i>Undergraduate Course in Number Theory</i>	68	979-8522711788 Year: 2021	Amazon Asia-Pacific Holdings Private Limited	Principal Author