


FACULTY PROFILE FOR WEBSITE

Name	:	Dr.A. Sasikala	
Designation	:	Associate Professor & Head	
Department	:	Mathematics	
Educational Qualification	:	M.Sc., M.Phil., SLST., Ph.D.	
Subject of Interest	:	Graph Theory	
Publications :	:	<p>International:</p> <ol style="list-style-type: none"> 1. A.Solairaju, A. Sasikala, C. Vimala, Edge - odd Gracefulness of $2-nC_4$, $3-nC_4$, $4-nC_4$, International Journal of Computer Applications, Vol.10, November 2010, pp:4-6. 2. A. Solairaju, A. Sasikala, C. Vimala, Edge - odd Gracefulness of Cartesian product of C_3 and C_n, International Journal of Computer Applications, Vol.10, November 2010, pp:7-9. 3. A. Solairaju, A. Sasikala, C. Vimala, Edge - odd Gracefulness of Strong product of P_2 and C_n, International Journal of Computer Applications, Vol.10, November 2010, pp:1-3. 4. A. Solairaju, A. Sasikala, C. Vimala, Edge - odd Gracefulness of strong product of P_3 and C_n, Journal of Analysis and Computation, Vol. 6, July-December 2010, pp: 97-101. 5. A. Solairaju, A. Sasikala, C. Vimala, Even - Edge Gracefulness of strong product of P_2 and C_n, International Journal of Applied Mathematical Analysis and Applications, July- December 2010, Vol.5, No. 2, pp:123-127. 6. A. Solairaju, A. Sasikala, C. Vimala, Edge - odd Gracefulness of Cartesian product of P_3 and C_n, International Journal of Applied Mathematical Analysis and Applications, July- December 2010, Vol.5, No. 2, pp:139-143. 7. A.Solairaju, A.Sasikala, C. Vimala, Edge - odd Gracefulness of $1-2KC_4$, International Journal of Applied Mathematical Analysis and 	

	<p>Applications, July-December 2010, Vol.5, No. 2, pp:113-115.</p> <p>8. A. Solairaju, A.Sasikala, C. Vimala, Edge - odd Gracefulness of Cartesian product of P_2 and C_n, Journal of Analysis and Computer Applications, July-December 2010, Vol.6, No. 2, pp:91-95.</p> <p>9. A. Sasikala, C. Vimala, Some New Families Of Edge Odd Graceful Graphs, IJSER Volume 5, Issue 9, September 2014 Edition (ISSN 2229-5518) pp: 822 – 824</p> <p>10. A. Sasikala, New classes of Edge Odd Graceful Graphs, International Journal of Latest Trends in Engineering and Technology, Vol. 6 Issue 3 January 2016, ISSN: 2278-621X, pp 476 – 480</p> <p>11. A. Sasikala, Edge-Odd Gracefulness of the Tripartite Graph, International Journal of All Research Education and Scientific Methods, Vol. 4, Issue 12, December 2016</p> <p>12. A.Sasikala, Edge Odd Gracefulness of Connected Graphs $P_n + N_8$ & $P_n + N_9$, December 2016.</p> <p>13. Dr.A.Sasikala, Edge – Odd gracefulness of some graphs, International Journal of Creative Research Thoughts, Volume 6, Issue 2, April 2018,pp:633 – 636.</p> <p>14. Dr.A.Sasikala, Edge – Odd gracefulness of the graphs P_{2n}, $nP_4 + 2P_n$ and $F_{2, n}$, International Journal of Latest Trends in Engineering and Technology, Volume 10, Issue 2, April 2018,pp:006 – 009</p> <p>15. Dr.A.Sasikala, Mean Graceful Labeling of Some Graphs, International Journal of Scientific Research and Review, Volume 7, Issue 6, June 2018,pp:216 – 225</p> <p>16.A.SASIKALA, Edge Odd Graceful Labeling Umbrella Graph and $N(2C_3 + P_2)$, Advances in Mathematics: Scientific Journal 9 (2020), no.3, 1307–1314 ISSN: 1857-8365 (printed); 1857-8438 (electronic) https://doi.org/10.37418/amsj.9.3.76</p>
	<p>National:</p> <p>1.A. Solairaju, A. Sasikala, C. Vimala, Gracefulness of a spanning tree of the graph of product of P_m and C_n, ‘The Global Journal of Pure and Applied Mathematics and Mathematical Sciences’, Vol. 1, No-2 (July-Dec 2008): pp 133-136.</p> <p>2. A. Solairaju, A.Sasikala, C. Vimala, Edge - odd Gracefulness of a</p>

spanning tree of

		<p>Cartesian product P_2 and C_n 'Pacific-Asian Journal of Mathematics', Vol. 3, No. 1-2, Dec 2009, pp:39-42.</p> <p>3. A. Sasikala, C. Vimala, Edge- odd gracefulness of cartesian product of P_3 and W_n, The PMU Journal of Humanities and Sciences, Vol.3, No.2(July – Dec 2012), pp.73-78</p>
Awards and Achievements	:	<ol style="list-style-type: none"> 1. Best Teacher Award for the year 1995 - 96 2. Best Outstanding Teacher Award for the year 2005 - 06 3. Zonal level 1st prize winner in "Srinivasa Ramanujam Mathematical Competitions" conducted by ISTE and National Board of Higher Mathematics (NBHM) in the year, 2014
Google Scholar Link	:	https://scholar.google.com/citations?user=7voHpyMAAAAJ