


FACULTY PROFILE FOR WEBSITE

Name	:	Dr.C.Vimala	
Designation		Associate Professor	
Department		Mathematics	
Educational Qualification		M.Sc., M.Phil., Ph.D.	
Subject of Interest	:	Graph Theory	
Publications :	:	<p>International:</p> <ol style="list-style-type: none"> 1.A.Solairaju, C.Vimala, A.Sasikala, Edge-Odd Gracefulness of $C_3 \Theta PN$ and $C_3 \Theta 2PN$, International Journal of Computer Applications (0975 – 8887) Volume 10 – No.9, November 2010, pp. 1-3 2.A.Solairaju, C.Vimala, A.Sasikala, Edge-Odd Gracefulness of the Graph $S_2 \square S_n$, International Journal of Computer Applications (0975 – 8887), Volume 9– No.12, November 2010, pp. 1-3 3.A.Solairaju, C.Vimala, A.Sasikala, Edge-Odd Gracefulness of $P_m \Theta S_n$, for $m = 5, 6, 7, 8$, International Journal of Computer Applications (0975 – 8887), Volume 9– No.11, November 2010, pp. 1-2 4.A.Solairaju, C.Vimala, A.Sasikala, Graphs with Unique Simple Graphoidal Cover, International Review of Mathematics, Vol.5, No. 1-2 (January – December 2010), pp. 133-138. 5.A. Solairaju, C.Vimala, A.Sasikala, Edge-Odd Gracefulness of $S_{2, N}$ and $(P_4 \Theta S_{(2n-1)})$, International Journal of Applied Mathematical Analysis and Applications, July – December 2010, Vol.5, No. 2, pp. 117-121. 6.A.Solairaju, C.Vimala, A.Sasikala, Edge-Odd Gracefulness of $S_{m, n}$, International Journal of Applied Mathematical Analysis and Applications, July – December 2010, Vol.5, No. 2, pp. 129-137. 7.A.Solairaju, C.Vimala, A.Sasikala, Edge-Odd Gracefulness of 	

	<p>$P_m \odot S_5$, International Review of Mathematics, Vol.5, No. 1-2 (January – December 2010), pp. 129-132.</p> <p>8.A.Solairaju, C. Vimala, A.Sasikala, Edge-Odd Gracefulness of $C_m \odot S_n$ for n is even, International Review of Mathematics, Vol.5, No. 1-2 (January – December 2010), pp. 123-127.</p> <p>9.A.Solairaju, C.Vimala, A.Sasikala, 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.C.Vimala, High Performance FIR Filter using Vedic Mathematics, International journal of Emerging Technology and Advanced Engineering, ISSN 2250-2459, Vol.5, Issue 2, Feb 2015</p> <p>11.C.Vimala, 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>12. C.Vimala, New Edge-Odd Gracefulness of the Tripartite Graph, International Journal of All Research Education and Scientific Methods, Vol. 4, Issue 12, December 2016</p> <p>13. C.Vimala, Edge-Odd Gracefulness of the Graph $P_m + P_n$ for $m = 7$ & 8, International Journal of Recent Trends in Engineering & Research (IJRTER) Volume 02, Issue 12; December - 2016 [ISSN: 2455-1457], pp. 114-117</p> <p>14. C.Vimala, Edge – Odd gracefulness of some graphs, International Journal of Creative Research Thoughts, Volume 6, Issue 2, April 2018, pp:633 – 636</p> <p>15. C.Vimala, 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.C.Vimala, Edge Odd Gracefulness of the Graph $P_m + 2S_n$, $K_{1, n}(T_p)$ and $S_3 \square S_n$, International Journal of Scientific Research and Review, Volume 7, Issue 6, June 2018, pp:226 – 230</p>
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		<p>16.C.Vimala, Edge Odd Gracefulness of the Graph $P_{12} + 2S_n$ And $P_8 + N_n$, International Journal of Scientific Research and Review, Volume 7, Issue 6, June 2018, pp:238-241.</p> <p>17.C.Vimala, Strum - Liouville Problems in Eigen values and Eigen functions, International Journal of Trend in Scientific Research and Development (IJTSRD) Volume 4 Issue 5, August 2020, pp 81-83 e-ISSN: 2456 – 6470</p>
		<p>National:</p> <p>1.A.Solairaju, C.Vimala, A.Sasikala, Gracefulness of a spanning tree of the graph of Cartesian product of S_m and S_n, ‘The Global Journal of Pure and Applied Mathematics and Mathematical Sciences’, Vol. 1, No-2 (July-Dec 2008): pp 117-120</p> <p>2.A.Solairaju, C. Vimala, A.Sasikala, Even Edge gracefulness of the graphs, ‘Pacific–Asian Journal of Mathematics’, Vol. 3, No. 1-2, Dec 2009, pp:43-47</p> <p>3,C. Vimala, A.Sasikala, 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	:	<p>Best Teacher Award for the year 1993 – 94</p> <p>Best commendation Award for the year 2016 - 17</p>
Google Scholar Link	:	https://scholar.google.com/citations?user=Rr7hwXUAAAAJ