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| **PROFILE** | | | |
| Name | : | Dr.A.Sasikala | C:\Users\Admin\Downloads\20191016_120905.jpg |
| Designation | : | AssociateProfessor |
| Department | : | Mathematics |
| Educational  Qualification | : | M.Sc.,M.Phil.,SLST.,Ph.D. |
| SubjectofInterest | : | GraphTheory |
| Publications: | : | International:   1. A.Solairaju, A. Sasikala, C. Vimala, Edge - odd Gracefulness of 2-nC4,3-nC4, 4-nC4, InternationalJournal of Computer Applications, Vol.10,November2010, pp:4-6. 2. A.Solairaju,A.Sasikala,C.Vimala,Edge-oddGracefulnessofCartesian product of C3 andCn, International Journal of ComputerApplications,Vol.10, November2010, pp:7-9. 3. A.Solairaju,A.Sasikala,C.Vimala,Edge-oddGracefulnessofStrongproductofP2andCn,InternationalJournalofComputerApplications,Vol.10, November2010, pp:1-3. 4. A.Solairaju,A.Sasikala,C.Vimala,Edge-oddGracefulnessofstrong product of P3and Cn, Journal of Analysis and Computation,Vol.6, July-December 2010, pp: 97-101. 5. A. Solairaju, A. Sasikala, C. Vimala, Even - Edge Gracefulness ofstrongproductofP2andCn,InternationalJournalofAppliedMathematical Analysis and Applications, July- December 2010, Vol.5,No.2, pp:123-127. 6. A. Solairaju, A. Sasikala, C. Vimala, Edge - odd Gracefulness ofCartesianproductofP3andCn,InternationalJournalofAppliedMathematical Analysis and Applications, July- December 2010, Vol.5,No.2, pp:139-143. 7. A.Solairaju,A.Sasikala,C.Vimala,Edge-oddGracefulnessof1-   2KC4, InternationalJournalofAppliedMathematicalAnalysisand | |

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|  |  | Applications,July-December2010,Vol.5, No.2, pp:113-115.   1. A.Solairaju,A.Sasikala,C.Vimala,Edge-oddGracefulnessofCartesian product of P2 and Cn, Journal of Analysis and ComputerApplications,July-December2010,Vol.6, No. 2,pp:91-95. 2. A. Sasikala, C. Vimala, Some New Families Of Edge OddGracefulGraphs,IJSER Volume5, Issue9,September2014Edition(ISSN2229-5518) pp: 822 – 824 3. A. Sasikala, New classes of Edge Odd Graceful Graphs,InternationalJournalofLatestTrendsinEngineeringand Technology,Vol.6Issue3 January2016,ISSN: 2278-621X,pp 476 – 480 4. A.Sasikala,Edge-OddGracefulnessoftheTripartiteGraph,International Journal ofAll Research Education andScientificMethods,Vol. 4,Issue12, December 2016 5. A.Sasikala,EdgeOddGracefulnessofConnectedGraphsPn+N8&Pn+N9,December2016. 6. Dr.A.Sasikala, Edge – Odd gracefulness of some graphs,InternationalJournalofCreativeResearchThoughts,Volume6,Issue2,April 2018,pp:633 – 636. 7. Dr.A.Sasikala,Edge–Odd gracefulness ofthegraphsP2n, nP4   +2PnandF2,n,International JournalofLatestTrendsin EngineeringandTechnology,Volume10,Issue2,April 2018,pp:006– 009   1. Dr.A.Sasikala,MeanGracefulLabelingofSomeGraphs,International Journal ofScientific Research and Review, Volume 7,Issue6, June2018,pp:216– 225 2. Sasikala A, Vimala C,Edge Odd graceful Labeling of graph Dm B(2n, 2n), International Journal of Research and Analytical Reviews, Vol. 7 Issue 1, February 2020, P-ISSN: 2349-5138, E-ISSN 2348-1269, pp: 865 – 867. 3. A. Sasikala and C. Vimala, Edge Odd Graceful Labeling of Umbrella Graph and N (2C3 + P2), Advances in Mathematics: Scientific Journal 9 (2020), no. 3, 1307 – 1314 ISSN: 1857 – 8365 (printed); 1857-8438(electronic) Spec. Issue on ICNTMMA. 4. A. Sasikala and P. Oviya,Vertex Odd Mean Labeling of Some Graphs With Pendant Edges, Advances and Applications in Mathematical Sciences Volume 20, Issue 5, March 2021, ISSN: 1857 – 8365 Pages 775-779. 5. Dr.A. Sasikala, M. Harikumaran,Vertex Odd Mean Labeling of Double Triangular Snake (D(kcn) + 2nP2), Jelly Fish J(M, N), Pno H1, and an alternate triangular snake A(Tn), Compliance Engineering Journal, Volume 12, Issue 4, April 2021, ISSN: 0898, Pages 419-429. |
|  |  | National:  1.A. Solairaju, A. Sasikala, C. Vimala, Gracefulness of a spanning tree of the graph of productof Pm and Cn, ‘The **Global Journal** of Pure andApplied Mathematics and Mathematical Sciences’, Vol. 1, No-2 (July-Dec2008): pp 133-136.  2.A.Solairaju,A.Sasikala,C.Vimala,Edge-oddGracefulness of a  Spanning tree of |
|  |  | **Books Published**   1. Engineering Mathematics I 2. Engineering Mathematics II 3. Calculus and Linear Algebra 4. Numerical Methods |

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|  |  | Cartesianproduct P2 and Cn‘Pacific–Asian Journal of Mathematics’,Vol. 3, No. 1-2, Dec2009, pp:39-42.  3.A.Sasikala,C.Vimala,Edge-oddgracefulnessofcartesianproductof P3 and Wn,The PMU Journal of Humanities and Sciences, Vol.3,No.2(July– Dec2012), pp.73-78 |
| Awards andAchievements | : | 1. BestTeacherAwardforthe year1995-96 2. BestOutstandingTeacherAwardfortheyear2005-06 3. Zonal level 1st prize winner in “SrinivasaRamanujamMathematicalCompetitions‟conductedbyISTEandNationalBoardofHigher Mathematics(NBHM)intheyear, 2014 |
| GoogleScholar  Link | : | <https://scholar.google.com/citations?user=7voHpyMAAAAJ> |