

### ***Publications:***

1. D. Reddy Babu, L. N. Varma, P , N and M. Madhavalatha, D-radius and D-diameter of some special Graphs, Journal of Nonlinear analysis and Optimization Vol 15 issu 4, pp 184-191(Scopus)
2. D. Reddy Babu, L. N. Varma, P , N and M. V. Ramanjaneyulu, Study on D-parameter of a Derived graph of Complete bipartite graph w.r.t, D-distance, Journal of Nonlinear analysis and Optimization Vol 15 issu 4, pp 75-81(Scopus)
3. D. Reddy Babu, L. N. Varma, P , N , B. Srinivasa kumar, D. Satish and M. V. Ramanjaneyulu, Mean d-distance in Graphs, Journal of Xi'an Shiyou University, Natural Sciences Edition, Vol 66 issu 7, pp 318-321(Scopus)
4. D. Reddy Babu, L. N. Varma, P , N., Bounds for D-Radius and D-diameter of a graphs, "Palestine Journal of Mathematics" vol 11 issu 2 pp 299-301 (SCOPUS)
5. D. Reddy Babu, L. N. Varma, P , N and M. V. Ramanjaneyulu, Edge Deletion and Invariance in Graphs using D-distance , "Palestine Journal of Mathematics" vol 11 issu 1 pp 135-141(SCOPUS)
6. D. Reddy Babu, L. N. Varma, P , N. Veedavathi, and M. V. Ramanjaneyulu, Edge to Edge D-distance , Radius and Diameter of Graphs, "Advances in Mathematics: Scientific Journal" vol 10 issu 1 pp 245-249.(SCOPUS)
7. D. Reddy Babu, L. N. Varma, P and M. V. Ramanjaneyulu, Edge deletion and Invariance -I, Journal of Information and computational Science, Vol 13, issu9, pp 134-143 .(UGC Care)
8. D. Reddy Babu, L. N. Varma and T. NagaswaraRao Edge to vertex and Edge to Edge D-distances, Italian journal of pure and applied Mathematics, Vol 44, pp 814-820 (SCOPUS)
9. D. Reddy Babu, L. N. Varma, V. Venkataswra Rao,T.Nagaswara Rao, and Y. Srinivasa Rao, Average detour D-distance in graphs, "Advances in Mathematics: Scientific Journal" vol 9 issu 7 pp 4721-4727. (SCOPUS)
10. D.Reddy Babu, L. N. Varma,P , V.Venkataswra Rao and ,Y. Srinivasa Rao , Detour D-self cantered graphs, Journal of Critical Reviews, Vol 7 issu 3, pp 1151-1155.(SCOPUS)
11. D.ReddyBabu, L. N. Varma,P , V.VenkataswraRao and ,Y. Srinivasa Rao, D-Antipodal and detour D-Antipodal graphs, International Journal of Advanced Science and Technology, Vol 29 issu 8 pp 2371-2381.(SCOPUS)
12. D.ReddyBabu, L. N. Varma,P and V.VenkataswraRao, Average Eccentricity of graphs w.r.t. D-Distance, International journal of recent technology and engineering, Vol 7, issu 5S4, pp 208-2210.(SCOPUS)
13. D.ReddyBabu, L.N.Varma, P and M. V. Ramanjaneyulu, Self- Centeredness of Derived Graphs using D-Distance, International journal of recent technology and engineering, Vol 7, issu 5S4, pp 251-256.(SCOPUS)
- 14 D.ReddyBabu, L. N. Varma,P and V.VenkateswraRao Average detour D-eccentricityof graphs, Pramana Research Journal, vol 8, issu 12, 2018, pp 1-7.
15. D.ReddyBabu, L.N.Varma and M. V. Ramanjaneyulu, Selfcenteredness of total graphs w.r.t. D-distance, International Journal of Engineering and Technology ,Vol 7 issu 4.10, 2108 pp 366-370.(SCOPUS)
16. D.ReddyBabu, L. N. Varma,P and V.VenkataswraRao , Eccentric connectivity index and connective Eccentric index of graphs w.r.t.Detour D-distance , JARDCS Vol 10 issu 2 ,2018, pp 466-472. (SCOPUS)
- 17.D.ReddyBabu, L.N.Varma, D-Radius and D-diameter of some families of graphs,

- international journal of chemical science, Vol: 15 issue:1,2017, pp 1-9.(SCOPUS)
18. D.ReddyBabu, L.N.Varma, P, Some Inequalities on D-distances, Bulletin of Mathematics and Statistics research, vol:5, issue 1, 2017, pp 130-132.
  19. D.ReddyBabu, L.N.Varma, Radius and Diameter of some families of graphs w.r.t vertex-to-edge D-distance,VFSTR Journal of STEM , Vol: 2 issue 2, 2016, pp 1-9.
  20. D.ReddyBabu, L.N.Varma, A Note on radius and diameter of graph w.r.t. D- distance, International journal of Chemical Sciences, Volume 14, issue 3, 2016, PP:1725-1729.(SCOPUS)
  21. D. Reddy Babu, L. N. Varma, P: Vertex-to-edge centers w.r.t. D-distance, Italian journal of pure and applied Mathematics, Volume 35, 2015, PP:101-108 (SCOPUS)
  - 22 D. Reddy Babu, L.N. Varma, P: Average D-distance between Edges of a Graph, Indian Journal of Science and Technology. Volume 8, issue 2, 2015 PP:152-156 (SCOPUS)
  23. D. Reddy Babu, L.N. Varma, P: Average D-distance between vertices of a Graphs, Italian journal of pure and applied Mathematics, Volume 33, 2014 PP:293-298 (SCOPUS)
  24. D. Reddy Babu, L.N. Varma, P: D-distance on graphs , Golden research thoughts volume.2 Issue.9. 2013, PP.52-57.
  25. D. Reddy Babu, L.N. Varma, P : Domination number of grid graphs  $P_{15} \times P_n$ , International journal of Mathematical archive, volume 3, issue 3, 2012, PP.1-3.
  26. D. Reddy Babu, L.N. Varma, P:a note on domination number of grid graphs, IJMSTAH. Vol.2, Issue.1, PP.221-230.