Dr. VEENA MATHAD

1.	Personal details.	
	Name :	Dr.VEENA MATHAD
	Father's Name	NEELAKANTHAYYA MATHAD
	Permanent address	
	Address for	Department of Studies in Mathematics
	Correspondence:	University of Mysore, Manasagangotri, Mysuru – 570 006.
	Phone :	0821-2419827
	Mobile No:	97417 70483
	E-mail :	Veena_mathad@rediffmail.com
	Date of Birth :	22.07.1972
	Place of Birth	Dharwad
	Sex :	Female
	Nationality :	Indian
	Marital Status :	Married
2.	Educational Details.	
2.1.	Professional.	M.Sc., M.Phil., Ph.D.
2.2	Additional	B.Ed., PGDCA
3.	Professional Experience	 Teaching: At Post Graduate level, from 19.07.2007 to till today. At Secondary School level from 12.01.2004 to 18.07.2007 At Under Graduate level from 17.10.1998 to 16.10.1999 And from 21.10.1999 to 10.01.2000 Technical: Technician, UGC-Academic Staff College, Karnatak University, Dharwad, from 10.01.2000 to 10.01.2004
4.	Professional Recognition.	 Associate Professor, DOS in Mathematics, University of Mysore, from 19.07.2019 to till todate. Assistant Professor, DOS in Mathematics, University of Mysore, from 19.07.2007 to 18.07.2019. Assistant Teacher, Government High School, Tidigol, 12.01.2004 to 18.07.2007 Junior Merit Associate, College of Agriculture, University of Agricultural Sciences, Dharwad, from 17.10.1998 to 16.10.1999

		And from 21.10.1999 to 10.01.2000
5.	Research Recognition and Supervision	No. of Students with Ph.D awarded: 04 No. of students with M.Phil awarded: 10 No. of Students pursuing Ph.D: 03
6.	Abroad Visit	
7.	Awards Received	 Best Paper presentation award at 10th Annual Conference of ADMA and Graph Theory Day, REVA Institute of Technology and Management, Bangalore, 10-13 Jun 2014. Title of the paper: Cocomplete k-partite graphs Awarded Best Paper at the National Conference on Recent Trends in Physics, Mathematics and Engineering (RTPME 2015), Sarada Vilas College, Mysore, 20-21 Feb 2015. Title of the paper: On Lict Sidigraphs
8.	Member of Professional / Academic bodies.	 Member of Department Council, DOS in Mathematics, University of Mysore, Mysuru. Member of Faculty of Science and Technology, University of Mysore, Mysuru. Member of Academy of Discrete Mathematics and Applications Member of Indian Science Congress Association Member of BOS in Mathematics, JSS College for Women, Mysuru. Member of BOS in Mathematics, JSS Arts, Commerce and Science College, Ooty Road, Mysuru. Member of BOS in Mathematics, Government (Autonomous) College, Mandya. Member of BOE in Mathematics, University of Mysuru Member of Board of Studies in Mathematics (PG), University of Mysuru.
9.	Areas of interest.	
9.1	Academic interest	Mathematics
9.2	Research Interest	Graph Theory

	Post Doctoral	
10.	Research Activities	
11.	Workshops/ Symposiums / Conferences attended.	 Group Discussion on Energy of a Graph, Karnatak University, Dharwad 07-15 Jul 2003 (Participation) International Conference on "Advances in Applied Maathematics", Gulbarga University, Gulbarga, 24-26 Feb, 2005 (Paper presentation on "Graph Equations for line graphs, litact graphs, and lict graphs") Workshop on "Vijnana Samvahana", Kvempu Kannada Adhyayana Samsthe, Kuppali, 09-12, May 2006 (Participation) Group Discussion on Perfect Graphs and their applications, Regional Institute of Education (NCERT), Mysore, 15-24 Nov 2007 (Participation) Pre Conference Instructional Workshop on "Discrete Mathematics", University of Mysore, Mysore, 02-05 Jun 2008 (Participation) International Conference on "Discrete Mathematics" (ICDM-2008), University of Mysore, Mysore, 06-10 Jun 2008 (Participation) Instructional Workshop on Differential Geometry, University of Mysore, Mysore, 16-25 Jun 2008 (Participation) Orientation Programme at UGC-Academic Staff College, University of Mysore, Mysore, from 17.07.2008 to 13.08.2008 (Participation) Two day National Conference on "Behaviour Modification skills for teachers of Higher Education", UGC-Academic Staff College, University of Mysore, Mysore, 08-09 Aug 2008 (Participation) International Conference on Graph Theory and its Applications, Amrita Vishwa Vidyapeetham University, Ettimadai, Coimbatore, 11-13 Dec 2008 (Paper presentation on "Traversability, Covering Invariants, k-trees of Line Splitting Graph of a Graph") The First Professor S.V. Keshava Hegde Memorial Endowment Lecture in Mathematics on 21st March 2009, DOS in Mathematics, University of Mysore, Mysore (Participation) Fifth Annual Instructional Conference of ADMA and Graph Theory Day V, Periyar University, Salem, 08-10 Jun 2009 (Participation) National Conference on "Emerging trends in Fluid Mechanics and Graph Theory", Christ University, Bangalore, 25-26,

- **14.** The Second Professor S.V. Keshava Hegde Memorial Endowment Lecture in Mathematics on 24th March 2010, DOS in Mathematics, University of Mysore, Mysore (Participation)
- **15.** National Workshop on Semigraphs, College of Engineering, Pune, 04-07 Jun 2010 (Participation)
- **16.** Sixth Annual Instructional Conference of ADMA and Graph Theory Day VI, College of Engineering, Pune, 08-10, Jun 2010 (Paper presentation on "Connectivity of line splitting graphs")
- **17.** Refresher Course Programme at UGC-Academic Staff College, University of Mysore, Mysore, from 10.06.2010 to 30.06.2010 (Participation)
- **18.** The National Conference on the Works of Srinivasa Ramanujan, University of Mysore, Mysore, 3rd July 2010 (Participation)
- **19.** International Conference on Recent Trends in Graph Theory and Combinatorics, ICRTGC-2010, 12-15, Aug 2010 (Paper presentation on "On the nieghbourhood subdivision number of trees")
- **20.** The Third Professor S.V. Keshava Hegde Memorial Endowment Lecture in Mathematics on 7th March 2011, DOS in Mathematics, University of Mysore, Mysore (Participation)
- **21.** National Conference on Applications of Mathematics and Statistics, Yuvaraja College, University of Mysore, Mysore, 25-26, Mar 2011 (Paper presentation on ""Neighborhood Connected Neighborhood Number of Graphs")
- **22.** Inter-university subject based conference on Mathematics and Computer Science, Rani Channamma University, Belagavi, 21-22 May 2011 (Participation)
- **23.** Annual Conference of Academy of Discrete Mathematics and Applications (ADMA) and Graph Theory day VII, National Institute of Technology, Calicut, 9 -11, Jun 2011 (Paper presentation on "Graph Equations for Line graphs, Middle graphs, Total closed neighborhood graphs and Total closed line neighborhood graphs")
- **24.** National Conference on Graph Theory and its applications, Tumkur University, Tumkur, 5th Dec 2011 (Paper presentation on "Block Signed Graphs"
- **25.** National Conference on Theoretical Computer Science and Discrete Mathematics, Kalasalingam University, Krishnankoil, 9-11, Jan 2012 (Paper presentation on "Lict Sigraphs and Lict Sidigraphs")
- **26.** National Conference on Fuctional Analysis and its Applications (FAA-2012), PES College of Science, Arts and Commerce, Mandya, 17-18, Feb 2012 (Participation)
- 27. The Fourth Professor S.V. Keshava Hegde Memorial

- Endowment Lecture in Mathematics on 12th March 2012, DOS in Mathematics, University of Mysore, Mysore (Participation)
- **28.** National Conference on Graph Theory and Number Theory-NCGTNT-2012, University of Mysore, Mysore, 21-22, Mar 2012 (Paper presentation on "k-trees, k-ctrees and line splitting graphs")
- **29.** Three day Workshop on Algebra and its Applications, University of Mysore, Mysore, 30th Jul 1st Aug 2012 (Participation)
- **30.** One-Day Seminar on Curriculum Development in Mathematics, JSS College for Women, Saraswathipuram, Mysore, 29th Sept 2012 (Participation)
- **31.** International Conference on The Works of Srinivasa Ramanujan and Related Topics, University of Mysore, Mysore, 12-14 Dec 2012 (Participation)
- **32.** Three day workshop on field theory via Geometry and Number Theory, University of Mysore, Mysore, 04-06 Feb 2013 (Participation)
- **33.** The Fifth Professor S.V. Keshava Hegde Memorial Endowment Lecture in Mathematics on 9th March 2013, DOS in Mathematics, University of Mysore, Mysore (Participation)
- **34.** ICDM-2013, Karnatak University, Dharwad, 10-14, Jun 2013 (Paper presentation on "The transformation graph G^{xy} when xy=+-)
- **35.** International Seminar on "Recent Trends in Mathematics", JSS College of Arts, Commerce and Science, Ooty Road, Mysore, 6th Aug 2013 (Participation)
- **36.** Three day workshop on an introduction to Algebraic Number Theory via Quadratic fields, University of Mysore, Mysore, 22-24 Aug 2013 (Participation)
- **37.** Three Day Special Lecture Series in Mathematics, University of Mysore, Mysore, 21-23 Nov 2013 (Participation)
- **38.** Refresher Course, at UGC-Academic Staff College, University of Mysore, Mysore, from 04.12.2013 to 24.12.2013 (Participation)
- **39.** One Day National Conference on Recent Advances in Mathematics (NCRAM-2014), JSS College of Arts, Commerce and Science, Ooty Road, Mysore, 24th Jan 2014 (Chaired a session)
- **40.** Two Day Workshop on Multimedia teaching-learning resource creation for on-line access, University of Mysore, Mysore, 06-07 Mar 2014 (Participation)
- **41.** The Sixth Professor S.V. Keshava Hegde Memorial Endowment Lecture in Mathematics on 14th March 2014, DOS in Mathematics, University of Mysore, Mysore

(Participation)

- **42.** Annual Conference of ADMA and Graph Theory Day, REVA Institute of Technology and Management, Bangalore, 10-13, Jun 2014 (Paper presentation on "Co-complete k-partite graphs")
- **43.** National Conference on Recent Developments in Mathematics and their applications (NCRDMA-2014), Tumkur Univesity, Tumkur, 17-18 Oct 2014 (Paper presentation on "Minimal Hubgraph and Common Minimal Hubgraph of a graph")
- **44.** Two Day International Conference on Mathematics Yesterday and Today (ICMYT-2014), JSS College of Arts, Commerce and Science, Ooty Road, Mysore, 26-27 Dec 2014 (Chaired a session)
- **45.** Two Day National Conference on "Recent Advances in Applied Mathematics", St.Philomena's College, Mysuru, 22-23 Jan 2015 (Participation)
- **46.** National Conference on Recent Trends in Physics, Mathematics and Engineering (RTPME-2015), Sarada Vilas College, Mysuru, 20-21 Feb 2015 (Paper presentation on "On Lict Sidigraph")
- **47.** UGC Sponsored One Day National Conference on Mathematics and its Applications, University of Mysore, Mysuru, 21st Feb 2015 (Paper presentation on "Neighborhood Number of Graphs")
- **48.** The Seventh Professor S.V. Keshava Hegde Memorial Endowment Lecture in Mathematics on 24th March 2015, DOS in Mathematics, University of Mysore, Mysore (Participation)
- **49.** IoE, UOM Sponsored Two Days National Workshop on Algebra, University of Mysore, Mysuru, 22-23 Aug 2015 (Participation)
- **50.** UGC SAP DRS-1 Sponsored One Day National Conference on Graph Theory and Number Theory, University of Mysore, Mysuru, 24th Aug 2015 (Paper presentation on "Domination Integrity of Some Graph Valued Functions")
- **51.** Golden Jubilee Celebrations of JSS College of Arts, Commerce and Science, Mysore, 21st Nov 2015 (Delivered a lecture on "Basics in Graph Theory")
- **52.** The 103rd Indian Science Congress, University of Mysore, Mysore, 03-07 Jan 2016 (Participation)
- **53.** Refresher Course at UGC- Human Resource Development Centre, University of Mysore, Mysuru, from 15.02.2016 to 06.03.2016 (Participation)
- **54.** Two Days National Workshop on Number Theory and Works of Srinivasa Ramanujan, University of Msyore, Mysuru, 26-27 Feb 2016 (Participation)

- **55.** One Day National Symposium on "Interfaith Dialogue", UGC-Human Resource Development Centre, University of Mysore, Mysuru, 29th Feb 2016 (Participation)
- **56.** The Eighth Professor S.V. Keshava Hegde Memorial Endowment Lecture in Mathematics on 10th March 2016, DOS in Mathematics, University of Mysore, Mysore (Participation)
- **57.** UGC sponsored Two Day National Conference on "Energy of Graphs (NCEG-2016), Maharani's Science College for Women, Mysuru, 11-12 Mar 2016 (Chaired a Session)
- **58.** Pi Day Celebration at MMK and SDM Mahila Maha Vidyalaya, Mysore, 14th Mar 2016 (Delivered a lecture on Pi Day)
- **59.** National Conference on "Ramanujan's Contribution and Emerging Trends in Graph Theory in the field of Mathematics" at Shri Sakthikailassh Women's College, Salem, 23rd Dec 2016 (delivered an invited talk on "Cocomplete Bipartite Graphs")
- **60.** Workshop on AISHE at KSHEC, Bangalore, on 11.01.2017 (Participation)
- **61.** UGC Sponsored 1-Week Workshop on ICT at UGC- Human Resource Development Centre, University of Mysore, Mysuru, from 07.03.2017 to 13.03.2017 (Participation)
- **62.** National Conference on Geometric Function Theory and Its Applications in honour of Dr.S.Latha, Yuvaraja College, Mysuru, 29th and 30th January, 2018 (Chaired a Session)
- **63.** National Conference on 'Advances in Applied Mathematics', Dept. of Mathematics, University College of Science, Tumkur University, Tumkuru, 8th February, 2018 (Delivered an invited talk on "Hub Parameters of Graphs")
- **64.** One-day Workshop on "Graph Theory and Linear Albebra", Department of Mathematics, Vidyavardhaka College of Engineering, Mysuru, 21st February, 2018 (Participation)
- **65.** The Ninth Professor S.V. Keshava Hegde Memorial Endowment Lecture in Mathematics on 16th March 2018, DOS in Mathematics, University of Mysore, Mysore (Participation)
- **66.** Seminar on "Importnace of Academic Leadership in the Governance of Higher Education Institutions" on 27th April 2018 at Vijnana Bhavana, MGM (Participation)
- **67.** National Seminar on "Explorations in Mathematical Sciences" at Dr.MGR-Janaki College of Arts and Science for Women, Chennai, 20th September, 2018 (Delivered invited talk on "Cocomplete Bipartite Graphs")
- **68.** National Conference on "Mathematical Combinatorics And Its Applications" at Bharathi College, Bharathinagara, on 29th September 2018 (Delivered invited talk on "On Hub Parameters of Graphs")

		60 International Conference on Number Theory and Coarl
		69. International Conference on Number Theory and Graph Theory, DOS in Mathematics, University of Mysore, Mysuru,
		27-29, June 2019 (Chaired a Session)
		70. International Conference on Mathematics and its
		Applications (ICMA-2020), Department of Mathematics,
		Jnanabharathi Campus, Bengaluru, 28-29, February 2020.
	Docoorch	Juanaonaratin Campus, Bengaiuru, 26-29, February 2020.
12	Research	
13.	Publications	
		1. Connectivity of Smarandachely Line Splitting Graphs,
		International J.Math. Combin, Vol.4 (2010), 08-12 (with
		B.Basavanagoud)
		2. Graph equations for line graphs, middle graphs, semi-splitting
		block graphs and semi-line splitting block graphs, Proceedings
		of the Jangjeon Mathematical Society, 14 (2011) No. 2,
		pp.209-214.
		3. Cocomplete Bipartite Graphs, Proceedings of the Jangjeon
		Mathematical Society, 15 No.4,2012,pp.395-401 (with Ali
		Sahal).
		4. Hosoya Polynomial of Hanoi Graphs, Kragujevac Journal of
		Mathematics, 36 (1), 2012, pp.51-57, (with Kishori P.N.
		Lokesh S.B., and Ivan Gutman).
		5. Further Results on Cocomplete Bipartite Graphs, Asian
		Journal of Mathematics and Applications, Asian Journal of
		Mathematics and Applications, Article ID ama0010, 9 pages,
		2013, (with Ali Sahal).
	In International	6. Two-out degree equitable domination in graphs, Transactions
13.1	Journals	on Combinatorics, 2 (No.3), 2013 pp.13-19, (with Ali Sahal).
	Journals	7. Connected Near Equitable Domination in Graphs, Bulletin of
		the International Mathematical Virtual Institute, Vol.3, 2013,
		pp.139-148, (With Ali Sahal).
		8. On Near Equitable Domination in Graphs, Asian Journal of
		Current Engineering and Mathematics, 3(2), 2014, pp.39-46,
		(With Ali Mohammed Sahal).
		9. Total Near Equitable Domination in Graphs, International
		Journal of Mathematical Combinatorics, 3, 2014, pp.104-110,
		(with Ali Mohammed Sahal).
		10. On Lict Sigraphs, Transactions on Combinatorics, 3(No.4),
		2014, pp.11-18, (with Kishori P. Narayankar)
		11. Cocomplete k-partite Graphs, International Journal of
		Computer Applications, 91(9), 2014, pp.1-4, (with Ali
		Mohammed Sahal).
		12. Strong Total Near Equitable Domination in Graphs,
		International Journal of Mathematical Archive, 5(3), 2014,
		pp.183-188, (with Ali Mohammed Sahal).
		13. The Total hub number of graphs, Bull. Of the International

- Mathematical Virtual Institute, Vol.4, 2014, pp.61-67, (with Ali Sahal and Kiran S.).
- 14. The Minimum Hub Distance energy of a Graph, International Journal of Computer Applications, 125(13), 2015, pp.1-6, (with Sultan Mahde).
- 15. Hub-Integrity of Graphs, Bulletin of the International Mathematical Virtual Institute, 5, 2015, pp.57-64, (with Sultan Mahde and Ali Sahal).
- 16. Vulnerability: Vertex Neighbor Integrity of Middle Graphs, Journal of Computer and Mathematical Sciences, 6(1), 2015, 43-48, (with Sultan Mahde and Ali Sahal)
- 17. Vertex-to-Edge-set Distance Neighborhood Pattern Matrices, International Journal of Mathematical Combinatorics, Vol.3, 2015, 105-115 (with Kishori P.N. and Lokesh)
- 18. Transformation Graph G^{xy} with xy=+-, International Journal of Mathematical Combinatorics, Vo.4, 2015, 25-32 (with Ali Mohammed Sahal)
- 19. Some Operations in Hub-Integrity of Graphs, Asia Pacific Journal of Mathematics, Vol.2, No.2, 2015, 108-123 (with Sultan Senan Mahde)
- 20. Some Topological Indices of Fluorographene, Journal of Mathematical Nanoscience, 6(1-2), 2016, 1-16
- 21. Domination Integrity of Line Splitting Graph and Central Graph of Path, Cycle and Star Graphs, Applications and Applied Mathematics: An International Journal, Vol.11, Issue 1, June 2016, 408-423 (with Sultan Senan Mahde)
- 22. Hub-integrity of splitting graph and duplication of Graph elements, TWMS J. App. Eng. Math. V.6, N.2, 2016, pp.289-297 (with Sultan Senan Mahde)
- 23. Some results on the edge hub-integrity of graphs, Asia Pacific Journal of Mathematics, Vol. 3, No. 2 (2016), 173-185 (with Sultan Senan Mahde)
- 24. The Minimum Hub Energy of a Graph, Palestine Journal of Mathematics, Vol.6(1), 2017, 247-256. (with Sultan Senan Mahde)
- 25. Average Degree-Eccentricity Energy of Graphs, Mathematics Interdisciplinary Research 1 (2018) 45-54, (With Shadi Ibrahim Khalaf, Sultan Senan Mahde and Ivan Gutman)
- 26. The eccentric-distance sum of some graphs, Electronic Journal of Graph Theory and Applications (EJGTA), 5(1), 2017, 51-62 (with Padmapriya P.)
- 27. Miscellaneous Properties Of Full Graphs, International Journal on Recent and Innovation Trends in Computing and Communication (IJRITCC) 5 (5), May 2017 (with Shadi Ibrahim Khalaf and Sultan Senan Mahde)
- 28. Pure Edge-Neighbor-Integrity of Graphs, International J.Math.

- Combin. Vol.1(2017), 111-126 (with Sultan Senan Mahde)
- 29. On the weak hub-integrity of graphs, Gulf Journal of Mathematics, Vol 5, Issue 2 (2017) 71-86 (with Sultan Senan Mahde)
- Further Results on Some Degree Based Topological Indices of Sierpinski Graphs. Research & Reviews: Discrete Mathematical Structures. 2018; 5(2): 10–21p. (with Padmapriya P)
- 31. Average Degree-Eccentricity Energy of Graphs, Mathematics Interdisciplinary Research 1 (2018) 45-54 (with Shadi Ibrahim Khalaf, Sultan Senan Mahde and Ivan Gutman)
- 32. Global Domination Integrity of Graphs, Math. Sci. Lett. 6, No. 3, 263-269 (2017) (with Sultan Senan Mahde)
- 33. Distance Majorization Integrity of Graphs, Proceedings of Janggeon Mathematical Society, 20(3), 353-364, 2017 (with Sultan Senan Mahde)
- 34. The eccentric weight of graphs, Asia Pacific Journal of Mathematics, Vol. 4, No. 2 (2017), 116-121 (with Ali Mohammed Sahal and Vasundhara R.C.)
- 35. Bounds for the First Zagreb Eccentricity Index and First Zagreb Degree Eccentricity Index, KYUNGPOOK Math. J. 58 (2018), 221-229 (with Padmapriya P)
- 36. The Line Mycielskian graph of a graph, International Journal Research and Analytical Reviews (IJRAR) Vol.6, Issue 1, Jan-March 2019, (with Keerthi G. Mirajkar)
- 37. Edge Hubtic Number in Graphs, International Journal of Mathematical Combinatorics, Vol.3 (2018), 140-145, (with Shadi Ibrahim Khalaf and Sultan Senan Mahde)
- 38. Hubtic Number in Graphs, Opuscula Mathematica, 38, No.6 (2018), 841-847, (with Shadi Ibrahim Khalaf and Sultan Senan Mahde)
- 39. Restrained Hub Number in Graphs, Bulletin of the International Mathematical Virtual Institute, Vol.9(2019), 103-109, (with Shadi Ibrahim Khalaf)
- 40. Hub integrity of line graphs, Electronic Journal of Mathematical Analysis and Applications, Vol.7(1) Jan 2019, pp.140-150, (with Sultan Senan Mahde)
- 41. Some Topological indices of certain classes of cycloalkenes, Proceedings of the Jangjeon Mathematical Society, 22 (2019), No.2, pp.223-247 (April 2019), (with P.Padmapriya and I.N.Cangul)
- 42. On Hubtic and Restrained Hubtic of a Graph, TWMS J.App.Eng.Math.V.9,N.4,2019,pp.930-935 (with S.I.Khalaf)
- 43. Zagreb degree eccentricity indices of Graphs, Research & Reviews: Discrete Mathematical Structures, Vol 6, Issue 2, 2019, pp. 59-69 (with Padmapriya P.)

	 44. Edge Hub Number in Graphs, Online Journal of Analytic Combinatorics, University of Rochester, Issue 14, 2019 #07 (with with Shadi Ibrahim Khalaf and Sultan Senan Mahde) 45. The line mycielskian graph of a graph, International Journal of Research and Analytical Reviews, Vol. 6, Issue 1, Jan-March 2019 (with Keerthi G. Mirajkar) 46. Miscellaneous Properties of Line Mycielskian Graph of a Graph, International Journal of Applied Engineering Research, Volume 14, Number 24, 2019, pp. 4552-4556 (with Keerthi G. Mirajkar and Pooja B)
13.2 In National Journals	 The mass graph and the total-mass graph of a graph, Acta Ciencia Indica, Vol.XXXM (2004), No.3, pp.635-643 (with B.Basavanagoud) Graph equations for line graphs, jump graphs, middle graphs, litact graphs and lict graphs, Acta Ciencia Indica, Vol.XXXIM (2005), No.3, pp.735-740 (with B.Basavanagoud). Graph equations for line graphs, blitact graphs and blict graphs, Journal of Discrete Mathematical Sciences and Cryptography , Vol.8 (2005), No.3, pp.373-379 (with B.Basavanagoud). Characterizations of minimally nonplanar mass graphs, Journal of Analysis and Computation , Vol.2 (2006), No.1, pp.23-31 (with B.Basavanagoud). Graph equations for line graphs, litact graphs and lict graphs, International Journal of Management and Systems, Vol.22 (2006), No.2, pp.103-110 (B.Basavanagoud and C. Sulochana). On pathos qlick graph of a tree, Proceedings of the National Academy of Sciences, India sect. A, Vol.78, Pt. III, (2008) (with B.Basavanagoud). An Algorithm to determine the chromatic number of a graph, International Journal of Physical Sciences, Ultra Scientist, Vol.21(2)M, (2009) 577-579 (with Shantharaju C.V.) By Adjacency Matrix Algorithm for the chromatic number of a graph", International Journal of Physical Sciences, Ultra Scientist, Vol.22(1)M, (2010) 356-358, (with Shantharaju C.V.) Graph Equations for Line Graphs, Jump Graphs, Middle Graphs, Splitting Graphs and Line Splitting Graphs, Mapana J Sci , Vol. 9, No.2, July-December 2010, (with B.Basavanagoud) Neighborhood Connected Neighborhood Number of Graphs, International Journal of Mathematics Research , Veena Mathad, Vol.4, No.2 (2012), pp.193-199. On Fuzzy Middle Graph, Advances and Applications in Discrete Mathematics, Vol. 9, No. 1, 2012, pp.57-64 (with Sharada B.).

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		 Graph equations for line graphs, middle graphs, total closed neighborhood graphs and total closed line neighborhood graphs, Bull. Pure Appl. Math Vol. 6, No. 1 (2012), pp.33-40. On the neighbourhood subdivision number of trees, Advances in Computer Science and Engineering, Vol.9,No.1,2012,pp.5-16 (with Sharada B. & Soner Nandappa D.). k-trees, k-ctrees and Line Splitting Graphs, International Journal of Applied Mathematical Research, 1(4), 2012, pp.487-492 (with B.Basavanagoud). Reciprocal Degree Distance of Some Planar Graphs, International Journal of Advance Research in Science and Engineering, IJARSE, Vol.1, No.3, Issue No.9, Sept.2014, pp.437-448, Degree Distance of Adjoin of Trees, International Journal of Scientific and Engineering Research, Vol.7, Issue 5, May 2016, 17-21 (with Padmapriya P.) On Co-complete k-partite Graph Valued Functions, Journal of Discrete Mathematical Sciences and Cryptography, 19:2, 2016, 257-275 (with Ali Mohammed Sahal)
13.3	In International Proceedings	1. Traversability, Covering Invariants, k-Trees of Line Splitting Graph of a Graph, Proceedings of the International Conference on Graph Theory and its applications, Macmillon Publishers India Ltd., New Delhi (2009) (with B.Basavanagoud)
13.4	In National Proceedings	 On Pathos Plick graph of a tree, Proceedings of the National Conference on GAMCA, 9-11 Dec 2004, Kuvempu University, Shankaraghatta, Shimoga (with B.Basavanagoud) Miscellaneous properties of line splitting graphs, Proceedings of the National Conference on Graphs, Combinatorics, Algorithms and Applications, Narosa Ps. House, NewDelhi (2005) (with B.Basavanagoud) Graph Equations for line graphs, qlick graphs and Plick graphs, Proceedings of the National Conference on Graphs, Combinatorics, Algorithms and Applications, Narosa Ps. House, NewDelhi (2005) (with B.Basavanagoud) On Block Signed Graphs, Proceedings of the National Conference on Graph Theory and Its Applications, Tumkur University, Tumkur, Dec 5th 2011, pp.9-13 (with Pavithra M.) Minimal Hub Graph and Common Minimal Hub Graph of a Graph, Proceedings of the National Conference on Recent Developments in Mathematics and Their Applications (NCRDMA-2014), Tumkur University, Tumkur, 17-18 Oct, 2014 pp.93-97 (with Kiran S. and Shyamili) On Lict Sidigraphs, Proceedings of the National Conference

		on Recent Trends in Physics, Mathematics and Engineering, RTPME-2015, 20-21 Feb, 2015, pp.285-288.
14.	Other Responsibilities	 AISHE-Nodal Officer, Statistical Cell, University of Mysore, Mysuru. Implementation Officer, State Scholarship Portal, University of Mysore, Mysuru. Deputy Coordinator of UGC-SAP, DOS in Mathematics, University of Mysore, Mysuru.