

Resume

General Information

Name : Dr . S.M.Meena Rani, M.Sc., M.Phil.
P.G.D.C.A.,Ph.D.,

Father's Name : S.Manickavasagam

Age & Date of Birth : 55 Years 22.05.1964

Designation : Principal & Associate Professor
Department : Mathematics

Mobile No : 8903300236
Email ID : smmeenarani@gmail.com

Date of appointment : 01.03.1987
Residential Address : Mrs. S.M.Meena Rani
236,Kattabomman Street,
Virudhunagar – 626 001.



II Educational Qualification

Examination Passed	Board/University	Subject	Year of Passing	Class / Percentage
SSLC	Board of Secondary Education	-----	1979	86%
Higher Secondary	Board of Higher Secondary Education	Bio-Maths	1981	86%
Bachelor's Degree	Madurai Kamaraj University	Mathematics	1984	I
Master's Degree	Madurai Kamaraj University	Mathematics	1986	I Class with Distinction
M.Phil	Madurai Kamaraj University	Mathematics	1988	I
PhD	Manonmaniam Sundaranar University	“New efficient neural network approach for processing graph structured data”	2015	
PGDCA	Madurai Kamaraj University	Computer	1992	I
Correspondence Course in Computer Programming (Level 2)	Thiagarajar Engineering college	Computer	1990	I

III Teaching Experience : UG : 32Years
PG : 30 Years

Field of Specialization : Graph Theory

IV Research Experience

ARTICLES PUBLISHED IN NATIONAL/INTERNATIONAL JOURNALS:

- GnanaJothi ,R.B.,S.M.Meena Rani, 2012, Graph Neural Network for Minimum Dominating set. International Journal of Computer Applications, 56 (1), 12-16.
- GnanaJothi ,R.B.,S.M.Meena Rani, 2012, Sub graph Matching using Graph Neural Network. Journal of Intelligent learning systems and applications,4, 274-278.
- Meena Rani, S.M., 2013, Edge Based GNN to Recognize Semigraph Representation of English Alphabets. Lecture Notes in Artificial Intelligence 8284, Springer, 402-412.
- GnanaJothi, R.B., S.M. Meena Rani, 2014, Hybrid Neural Network for Classification of Graph Structured Data. International Journal on Machine Learning and Cybernetics, 6(3):465-474.
- Meena Rani, S.M., T. Hemalatha, 2016, Hop Graph of a Graph. International Journal of Informative & Futuristic Research, 3 (9): 3375-3384. ISSN: 2317-1697.
- Meena Rani, S.M., B. Eswari, (July)2016, Pseudo Topogenic and Totally Null Topogenic Graphs. International Journal of Informative & Futuristic Research, 3 (11): 4140-4149. ISSN: 2317-1697.
- Meena Rani, S.M., R. Akila, (July)2016. A Study on Inverse Domination in Graphs. International Journal of Informative & Futuristic Research, 3 (11): 4157-4166. ISSN:2317-1697.
- Meena Rani, S.M., A. Balameena, 2017, Coridal Labeling of Johnson Graphs. Mathematical Sciences International Research Journal, 6 : 98-101. ISSN-2278-8697.
- Meena Rani, S.M., R. Anantha Monisha, 2017, A Recursive Procedure for Contraction Polynomials. Mathematical Sciences International Research Journal, 6:112-117. ISSN-2278-8697.
- Meena Rani S.M., B. Eswari, P. Muthu Lakshmi, 2017, Bitopogenic Graphs. Mathematical Sciences International Research Journal, 6:269-274. ISSN-2278-8697.
- Meena Rani S.M., R.B.Gnana Jothi, K.Chitra, 2018, Dominator Chromatic Number of Some Graphs. Mathematical Sciences International Research Journal , 7(2):375-380. ISSN-2278-8697.
- Meena Rani S.M., K.Poorani, M.Anbuchelvi, 2019, Operation on $\hat{\Omega}$ - closed sets. Malaya Journal of Matematik, S(1):7-11.<https://doi.org/10.26637/MJMOS01/0003>.

ARTICLES PUBLISHED IN NATIONAL /INTERNATIONAL CONFERENCES PROCEEDINGS:

- Meena Rani S.M.,2007,Prime Graceful Graphs. International Conference (DST sponsored) on Recent Developments inCombinatorics and Graph Theory,ISBN:978-81-908234-2-5.
- Meena Rani S.M.,2013, Edge Based Graph Neural Network to Recognize Semi Graph Representation of English Alphabets. International Conference on Mining Intelligence and Knowledge Exploration- MIKE2013, ISBN:978-3-319-03843-8.
- Meena Rani S.M., 2015, Recognition of Semigraph representation of alphabets using edge based hybrid neural network. International Conference on Mining Intelligence and Knowledge Exploration- MIKE2015, ISBN: 978-3-319-26832-3.

- Meena Rani, S.M., A. Balameena, 2017, Coridal Labeling of Johnson Graphs. Int. Conf. on Advances in Mathematics and Computer Science 2017, ISBN:978-93-86435-22-4, Dec. 14-16 2017, Advances in Mathematics and Computer Science.
- Meena Rani, S.M., R. Anantha Monisha, 2017, A Recursive Procedure for Contraction Polynomials. Int. Conf. on Advances in Mathematics and Computer Science 2017, ISBN:978-93-86435-22-4, Dec. 14-16 2017.
- Meena Rani S.M., B. Eswari, P. Muthu Lakshmi, 2017, Bitopogenic Graphs. Int. Conf. on Advances in Mathematics and Computer Science 2017, ISBN:978-93-86435-22-4, Dec. 14-16 2017.
- Meena Rani S.M., K.Poorani, M.Anbuchelvi, R-Fuzzy Omega Continuous And R-Fuzzy Omega Closed Functions. 5th International Conference On Artificial Intelligence, Computer,Electrical And Electronics Engineering(Icaceee),1-2nd Feb2018, Icontes Kula Lumpur Malaysia.

PAPERS PRESENTED IN NATIONAL/INTERNATIONAL CONFERENCES:

- Prime Graceful Graphs. International Conference (DST sponsored) on Recent Developments in Combinatorics Recent Developments in Combinatorics and Graph Theory, Kalasalingam University, Krishnankoil 10th14th June 2007.
- Backpropagation Training Algorithm with Modified Momentum for Classification Problems. International Conference in Mathematics and Computer Science, Loyola College, Chennai, 5-6th Feb 2010.
- Edge Based Graph Neural Network To Recognize Semi Graph Representation Of English Alphabets. International Conference on Mining Intelligence and Knowledge Exploration- 2013, V.H.N.S.N. College, Virudhunagar on 18to 20th December 2013.
- Recognition of Semigraph representation of alphabets using edge based hybrid neural network. International Conference on Mining Intelligence and Knowledge Exploration- MIKE2015, IIIT, Hyderabad, A.P.
- R-Fuzzy Omega Continuous And R-Fuzzy Omega Closed Functions. 5th International Conference On Artificial Intelligence, Computer, Electrical And Electronics Engineering(Icaceee),1-2nd Feb2018, Icontes Kula Lumpur Malaysia.

EDITOR:

- Advances in Mathematics and Computer Science , ISBN:978-93-86435-23-1, IMRF International Publishing House, Ibrahimpattnam, Krishna Dt, A.P., India.

GUEST EDITOR:

- Proceedings of the Int. Conf. on Advances in Mathematics and Computer Science 2017, ISBN:978-93-86435-22-4, Dec. 14-16 2017, Advances in Mathematics and Computer Science.
- Mathematical Sciences International Research Journal ,Vol.6(Special Issue) 2017, ISSN:2278-8697.

V Seminars/Conferences/Workshops attended

Name of the seminar/workshop attended	Name of the sponsoring agency	Date	Place
State level Seminar on ‘Recent developments in Algebra and Analysis’	UGC	02.09.2005 - 03.09.2005	Sri.S.Ramasamy Naidu Memorial College, Sattur.
International Conference on “Recent Developments in Combinatorics and Graph Theory	DST	10.06.2007 - 14.06.2007	Kalasalingam University, Krishnankoil
State Level Seminar ‘ Neural Networks’	UGC	22.09.2007 – 23.09.2007	V.H.N.S.N.College, Virudhunagar.
State level seminar on “Recent Developments in Pure and Applied Mathematics”.	Tamilnadu State Council for Higher Education.	22.08.2008 - 23.02.2008	Sri. S. Ramasamy Naidu Memorial College, Sattur.
State level seminar on “Fuzzy Algebra ,Fuzzy Topology, Fuzzy Graphs”	U.G.C	30.01.2009 - 31.01.2009	Sri. S. Ramasamy Naidu Memorial College, Sattur.
State Level Seminar on “Chaos, Fractals and Self Organization”	-----	22.8.2009	Sri Kaliswari College, Sivakasi.
International Conference on “Emerging Trends in Mathematics and computer Applications”	-----	16.12.2010 - 18.12.2010	MEPCO Schlenk Engineering College, Sivakasi.
National conference on “Theoretical computer science and Discrete mathematics”	NBHM, CSIR, DST	09.01.2012 - 11.01.2012	Kalasalingam University, Krishnankovil
International Conference on Mining Intelligence and Knowledge Exploration-MIKE 2013	-----	18.12.2013 - 20.12.2013	Research Centre in Computer Science, V.H.N.S.N. College, Virudhunagar
State Level Seminar on “Recent Research Developments In Mathematics”	UGC Autonomy Fund	11.02.2014	S.R.N.M.College, Sattur.

V Course attended (Refresher / Orientation / any other)

Name of the Course	Venue	Duration
Orientation Course	Bharathidasan University, Tiruchirapalli	08.02.1988 – 05.03.1988
Refresher Course	Madurai Kamaraj University.	07.09.1995 – 27.09.1995
Refresher Course	Vivekananda College, Thiruvudagam.	01.11.2001 – 22.11.2001
Refresher Course	A.N.J.A.College, Sivakasi.	01.11.2003 – 21.11.2003

VI Role in Academic Bodies

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As a member of Board of Studies :

University / College	Period	Board
Ayya Nadar Janaki Ammal College, Sivakasi	01.08.2014 – 31.07.2016	B.Sc Mathematics Board

As a member in

Inspection Commission / Interview Panel / others

Particulars	Date	Venue	Course / Post
Interview Panel	20.11.2012	Kamaraj College of Engineering, Virudhunagar	Panel member of Staff selection committee

IX Seminars / Conferences / Workshops organized

Date	Level	Theme
29.01.2014	Regional	Steering Mathematical Brains towards Research