

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 : 53 Years 22.05.1964

Designation : Principal & Associate Professor
Department : Mathematics

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

Date of appointment : 01.03.1987
Date of retirement : 31.05.2022



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 undirected graphs with labeled edges"	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 : 30Years
PG : 28 Years

Field of Specialization : Graph Theory

IV **Research Experience**

No. of articles published in Journals

International : 6

National

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No. of papers presented in Seminars / Conferences

International : 3

National : -

No. of articles published in Books / Conference Proceedings : 3

Articles published

Title of the Article	Name of the Journal	Impact Factor	Database
Graph neural network for minimum dominating set	International Journal of Computer Applications, 56(2012) 12-16.	0.821	Google Scholar
Subgraph matching using graph neural network	Journal of Intelligent Learning Systems and Applications, 4(2012) 274-278.	1.09	Google Scholar
Hybrid neural network for classification of graph structured data	Journal of Machine Learning and Intelligence, Springer Online 28, Jan 2014	----	Google Scholar, Scopus
Hop Graph of a Graph	International Journal of Informative & Futuristic Research, Vol.3, 9 (2016), 3375-3384		Google Scholar
Pseudo Topogenic And Totally Null Topogenic Graphs	International Journal of Informative & Futuristic Research, Vol.3, 11 (2016), 4140-4149.		Google Scholar
A Study on Inverse Domination in Graphs	International Journal of Informative & Futuristic Research, Vol.3, 11 (2016), 4157-4166.		Google Scholar

Papers presented

Date	Seminar / Conference	Title of the paper	Level	Venue
10.06.'07 to 14.06.'07	International Conference (DST sponsored) on "Recent Developments in Combinatorics and Graph	Prime Graceful Graphs	International	Kalasalingam University, Krishnankoil
05.02.'10 to 06.02.'10	International Conference in Mathematics and Computer	Backpropagation Training Algorithm with Modified Momentum for Classification Problems	International	Loyola College, Chennai
18.12.'13 to 20.12 '13	International Conference on Mining Intelligence and Knowledge Exploration-	Edge Based Graph Neural Network to Recognize Semi Graph Representation of English Alphabets	International	Research Centre in Computer Science, V.H.N.S.N. College, Virudhunagar

Articles published in Books / Conference Proceedings

Year	Book title / Conference	ISBN	Article title
2007	International Conference (DST sponsored) on "Recent Developments in Combinatorics and Graph Theory"	978-81-908234-2-5	Prime Graceful Graphs
2013	International Conference on Mining Intelligence and Knowledge Exploration- MIKE2013.	978-3-319-03843-8	Edge Based Graph Neural Network to Recognize Semi Graph Representation of English Alphabets
2015	International Conference on Mining Intelligence and Knowledge Exploration- MIKE2015.	978-3-319-26832-3	Recognition of Semigraph representation of alphabets using edge based hybrid neural network

V Seminars/Conferences/Workshops attended

Name of the seminar/workshop attended	Name of the sponsoring agency	Date	Place
National Symposium on 'Interdisciplinary Applications of Mathematical Modeling'	UGC	04.08.2005 - 06.08.2005	V.V.Vanniaperumal College for Women, Virudhunagar
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.
National Level Seminar on 'Quality and Excellence – The Prime Mantras of Higher Education'	NAAC Council – Bangalore	11.12.2007 - 12.12.2007	V.V.Vanniaperumal College for Women, Virudhunagar
State Level Seminar on 'FUZZY Mathematical Structures'	UGC Autonomy Fund	27.02.2008	V.V.Vanniaperumal College for Women, 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.
Workshop on "Curriculum Designing and Evaluation for Autonomous colleges" organized by V.V.V.C & Centre for Education Research,M.K.U.	-----	02.12.2009 - 04.12.2009	V.V.Vanniaperumal College for Women, Virudhunagar
Workshop on "Introduction to LaTeX" Organized by Department of Mathematics	UGC Autonomy Fund	22.01.2010	V.V.Vanniaperumal College for Women, Virudhunagar

One day seminar on “Recent Trends in Modern Topology”	UGC	16.02.2010	V.V.Vanniaperumal College for Women, Virudhunagar
Re-training of Teachers Programme	IQAC	03.12.2010 - 04.12.2010	V.V.Vanniaperumal College for Women, Virudhunagar
International Conference on “Emerging Trends in Mathematics and computer Applications”	-----	16.12.2010 - 18.12.2010	MEPCO Schlenk Engineering College, Sivakasi.
e-content Development Seminar	ICT Academy of Tamilnadu	21.01.2011	V.V.Vanniaperumal College for Women, Virudhunagar
State Level Seminar on “Computer Mathematics”	UGC Autonomy Fund	16.09.2011	V.V.Vanniaperumal College for Women, Virudhunagar
Workshop on SCILAB	UGC Autonomy Fund	28.11.2011 - 29.11.2011	V.V.Vanniaperumal College for Women, Virudhunagar
Re-training of Teacher’s programme	Organized by IQAC	31.10.2011 - 01.11.2011	V.V.Vanniaperumal College for Women, Virudhunagar
National conference on “Theoretical computer science and Discrete mathematics”	NBHM, CSIR, DST	09.01.2012 - 11.01.2012	Kalasalingam University, Krishnankovil
National level Pre-Conference workshop on “Algebraic Graph Theory” organized by the department of Mathematics, VVVC & ADMA	CSIR	04.06.2012 - 07.06.2012	V.V.Vanniaperumal College for Women, Virudhunagar
National level Eighth Annual Conference of Academy of Discrete Mathematics and Applications and Graph Theory Day-VIII organized by the department of Mathematics, VVVC & ADMA	CSIR & DST	08.06.2012 - 10.06.2012	V.V.Vanniaperumal College for Women, Virudhunagar
Department workshop on ‘ Alacrity Through Mathematics’	UGC Autonomy Fund	27.07.2013	V.V.Vanniaperumal College for Women, Virudhunagar
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
One day Seminar on “Steering Mathematical Brains Towards Research”	UGC Autonomy Fund	29.01.2014	V.V.Vanniaperumal College for Women, Virudhunagar

State Level Seminar on “Recent Research Developments In Mathematics”	UGC Autonomy Fund	11.02.2014	S.R.N.M.College, Sattur.
National Level Workshop on “Analytical Tools for Researchers in Commerce and Computer Science” jointly organized by the Departments of Mathematics, Commerce and Computer Science	UGC	03.07.2014 - 05.07.2014	V.V.Vanniaperumal College for Women, Virudhunagar
Graph Decomposition	State Level Workshop	22.09.2015	V.V.Vanniaperumal College for Women, Virudhunagar.
One day Workshop on “Set – Net Preparation”	Under UGC Autonomy Grant	06.10.2016	V.V.Vanniaperumal College for Women, Virudhunagar

VI 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

VII Role in Academic Bodies :

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

X Student - oriented Service :
Staff - in - charge of various
activities in the i.

Institution

2010 – 11	Equal Opportunity Centre
2011 – 12	Equal Opportunity Centre
2012 – 13	Academic Audit, WUS
2013 – 14	-----
2014 – 15	NAAC Steering Committee, NAAC Criterion 1
2015-16	IQAC Co-ordinator

ii. **Department**

2010 – 11	U.G Quiz Club
2011 – 12	P.G. Association , Department Minutes Note
2012 – 13	P.G Quiz Club
2013 – 14	Creativity Club, MathLab, Department Magazine.
2014 – 15	P.G. Quiz Club, Department Library, Autonomy fund meeting, Department computers and OHP Maintenance Student Marks- Internal Marks, Semester Marks, Rank, Best Student Award, Proficiency Prizes, Controller Office Circulars, Semester Exam Time Table.
2015-16	Extension activity, Ramanujan Birthday Celebration Competitions for school children

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Virudhunagar – 626 001.