

BIO DATA



Name :L.SATHIKALA

Designation : Associate Professor

Department : Mathematics

Address for Communication :

266,U/3,Mullai Nagar

R.R.Nagar East

Rajapalayam-626117

Virudhunagar District

Email : sathikala@ritrjpm.ac.in

Mobile Number : 09788158853

Google Scholar link

1. Educational Qualification:

Degree	Branch / Specialization	Institute/University	Year of Passing
B.Sc	Mathematics	A.K.D.D.Women's college,Rajapalayam/ M.K.University	1993
M.Sc	Mathematics	S.F.R.College,Sivakasi/ M.K.University	1995
M.Phil	Mathematics	M.K.University	2002
Ph.D	Mathematics	Kalasalingam University	2016

2. Professional/ Industry Experience

: (in chronological order)

S.No	Designation	Institution/ Organization	Period	
			From	To
1.	Lecturer	A.K.D.D. Women's college,Rajapalayam	17.07.1996	20.10.2001
2.	Principal in-charge &HOD	A.K.D.D. Women's college,Rajapalayam	21.10.2001	17.05.2006
3.	Assistant Professor-I	Kalasalingam University	10.07.2006	08.05.2013
4.	Assistant Professor	Ramco Institute of Technology	30.05.2013	31.05.2016
5.	Assistant Professor(Sr.Gr)	Ramco Institute of Technology	01.06.2016	31.05.2018
6.	Associate Professor	Ramco Institute of Technology	01.06.2018	Till date

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3. Research Interest :Graph theory

4 Publications

4.1 JOURNAL PUBLICATIONS

1. L.Sathikala,S.Arumugam,S.M.Hedetneimi, S.H.Hedetneimi, S.Sudha”The Covering Chain of a Graph”,Utilitas Mathematica 98 and 2015, pp. 183 - 196 , 2015 (96183-1962015)
2. L.Sathikala,S.Arumugam, Karam Ebadi “Applicable analysis And Discrete Mathematics 7 and 2013,pp. 275 - 284. , 2013 (7275-2842013)
3. L.Sathikala,S.Arumugam,Kiran Bhutani “On (r,s)fuzzy domination in fuzzy graphs”New Mathematics and Natural Computation (121433742016)

4.2 CONFERENCE PUBLICATIONS

1. L.Sathikala,2015, ” Enclaveless set in Fuzzygraphs , National Conference on Innovations in Engineering ,Science and Technology 2015,RIT during 06.03.2015-07.03.2015
2. L.Sathikala,2017, ”On Edge covering chain of a Graph” National Conference on Innovations in Engineering ,Science and Technology 2015,RIT during 24.03.2017-25.03.2017

4.3 Book/Book chapter publications

5. Funded Projects

S.No.	Title of the project	Funding Agency	Duration	Amount	Status

6 Ph.D. guidance

Sl.No	Scholar name	University	Topic	Status

7 Short term Courses / Seminars /FDP/Workshop/ConferenceAttended:

Sl.No	Title of the event	Organized by	Date	
			From	To
1.	Teachers Enrichment Workshop on “Linear Algebra and Multivariable Calculus”	National Centre for Mathematics (A Joint centre of IIT Bombay and TIFR, Mumbai)	13.05.2019	18.05.2019
2.	Workshop on MATLAB	Maths Department/RIT	18.06.2018	-
3.	Awareness programme on SAR Preparation for NBA Accreditation	RIT	02-12-2017	02-12-2017

4.	Awareness & Internal Auditor Training on ISO 9001-2015	RIT	18.12.2015	19.12.2015
5.	AUFDP On MATHEMATICS-I	RIT	09.06.2014	15.06.2014
6.	National conference on Theoretical computer science and Discrete Mathematics	Kalasalingam University	09.01.2012	11.01.2012
7.	International workshop on Combinatorial Algorithms	Kalasalingam University	19.07.2012	21.07.2012
8.	Work shop on MATLAB	Kalasalingam University	10.02.2012	-
9.	Seminar on Research and Consultancy services	Kalasalingam University	30.12.2011	-
10.	Work shop on LATEX	Kalasalingam University	20.08.2011	-
11.	International workshop on Mathematical modelling and Simulation	Kalasalingam University	07.07.2010	14.07.2010
12.	International workshop on Introduction to Graph Algorithms	Kalasalingam University	03.01.2010	06.01.2010
13.	International workshop on Graph Algorithms	Kalasalingam University	17.02.2010	24.02.2010
14.	International workshop on Graph Labelling	Kalasalingam University	07.07.2009	10.07.2009
15.	Fifth Annual Instructional conference of ADMA and Graph Theory day V	Periyar University	08.06.2009	10.06.2009
16.	Annual conference of Indian Mathematical Society	Kalasalingam University	27.12.2009	30.12.2009
17.	International conference on Discrete Mathematics	University of Mysore	06.06.2008	10.06.2008
18.	International conference on Recent developments in Combinatorics and Graph Theory	Kalasalingam University	10.06.2007	14.06.2007

8. Short term Courses / Seminars /FDP/Workshop/Conference organized:

Sl.No	Title of the event	Organized by	Date	
			From	To
1	AUFDP On Transforms and Partial Differential Equations	RIT	12.06.2017	18.06.2017
2	Workshop on LINEAR ALGEBRA	RIT	27.06.2018	28.06.2018

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9. Online Courses

sno	Course title	University	Date
1.	Introduction to Differential Equations	Boston University	2015-16 Even Semester
2.	Calculus IC Coordinate systems and infinite series	Massachusetts Institute of Technology, USA	2015-16 Even Semester
3.	Linear Differential Equations	Boston University	2015-16 Even Semester
4.	Combinatorial Mathematics	Tsinghua X	2015-16 Even Semester
5.	Linear algebra: Foundation to frontiers	The University of Texas, Austin	2016-17 Odd Semester
6.	Introduction to Complex Analysis	Wesleyan University	2016-17 Even Semester
7.	Calculus IA:Differentiation	Massachusetts Institute of Technology, USA	2017-18 Odd Semester
8.	Differential Equations: 2x2 systems	Massachusetts Institute of Technology, USA	2017-18 Even Semester
9.	Calculus IB:Integration	Massachusetts Institute of Technology, USA	2017-18 Even Semester
10.	Differential Equations:Fourier Series and Partial Differential Equations	Massachusetts Institute of Technology, USA	2018-19 Odd Semester
11.	Mathematics for Machine Learning:Multivariate calculus	Imperial college,London	2018-19 Even Semester
12.	Introduction to Differential Equations	Massachusetts Institute of Technology, USA	2019-20 Odd Semester (on going)

10. Patents filed/awarded -NIL

11. Membership in Professional societies:ISTE

12. Awards, Recognition & Achievements- Any others

Updated as on 12.11.2019

(i) Department Level:

- (a) Department library in charge
- (b) Department expenditure in charge
- (c) Department Anna university question paper file in charge
- (d) Department Minutes of other Committee in charge

(ii) Institute Level:

- (a) Member of IQAC
- (b) Deputy Warden(Girls Hostel for I years)
- (c) Member of Campus monitoring flying squad
- (d) Class committee chairperson
- (e) Internal ISO Auditor
- (f) Examinations Squad member
- (g) Member of Anti Ragging Committee
- (h) Co-ordinator of Fine Arts and cultural club