



# Sri Ramakrishna Institute of Technology

(An Autonomous Institution)

(Accredited by NAAC with "A" Grade)

Pachapalayam, Perur Chettipalayam, Coimbatore – 641 010

[www.srit.org](http://www.srit.org) :: Phone – 0422-2605577



## Faculty Profile

**Full name with Qualification, Designation and**

**Department:**

**Ms. L Maragatham, M.Sc., M.Phil,**

Assistant Professor,

Science and Humanities



<b>Date of birth</b>	:	10.06.1982	<b>Gender</b>	:	Female
<b>Nationality</b>	:	Indian	<b>Marital status</b>	:	Married
<b>Address for correspondence</b>	:	1/79, Water tank Opp, Achipatti Post, Pollachi T.K - 641002	<b>Permanent address</b>	:	1/79, Water tank Opp, Achipatti Post, Pollachi T.K - 641002
<b>Mobile no</b>	:	8825481536	<b>e-mail (official)</b>	:	maragatham.sh@srit.org
<b>Landline</b>	:	-	<b>e-mail (personal)</b>	:	l.maragathamsrit@gmail.com
<b>Date of joining</b>	:	16.06.2010	<b>Post of joining</b>	:	Lecturer
<b>No of promotions since D.O.J</b>	:	I	<b>Present post</b>	:	Assistant Professor
<b>Present pay scale</b>	:	Rs. 15600 - 39100	<b>Gross pay</b>	:	Rs. 39740
<b>Employee ID</b>	:	TE120	<b>Bank account No. (Salary credited)</b>	:	500101010584082
<b>P.F. No</b>	:	TN/CBE/56764/466	<b>Group Insurance No</b>	:	1701100/48/13/42/00001717
<b>PAN Number</b>	:	BDDPM3021L	<b>Aadhar Number</b>	:	364838035304
<b>AICTE ID</b>	:	1-7841521	<b>AICTE Institution ID</b>	:	1-466294127

**Educational Qualification**

Degree	Specialization	Year of Passing	Name of the College	Name of the University	Class Obtained
UG	Mathematics	2002	Nallamuthu Gounder Mahalingam College, Pollachi.	Bharathiar University	First
PG	Mathematics	2004	Nallamuthu Gounder Mahalingam College, Pollachi.	Bharathiar University	First
Ph.D	-	-	-	-	-
Others (M.Phil.)	Topology	2006	Nallamuthu Gounder Mahalingam College, Pollachi.	Bharathiar University	First

Registration for Ph.D. with area of interest: Differential Equations

Year of Ph.D. Registration: 2019

Year of Ph.D. Completed: -

Thesis Title: -

Supervisor Recognition Number: -

Ph.D. Scholar Details

S.No.	Name of the scholar	Registration details	College	Status
-	-	-	-	-

**Academic Experience**

Name of the College	Designation	Joining Date	Relieving Date	Experience		
				Years	Months	Days
Sri Ramakrishna Institute of Technology	Assistant Professor	16.06.2010	-	13	5	8
Total				13	5	8

**Industrial Experience**

Name of the Organisation	Designation	Nature of Work	Joining Date	Relieving Date	Experience		
					Years	Months	Days
-	-	-	-	-	-	-	-
Total							

**Courses Handled**

Academic Year	Semester	Course Code	Course Name	Type of Course (T / L)	Pass Percentage
2023-2024	I	20MHG03	Transforms and Partial Differential Equations	T	
	III	20MHG01	Calculus and Linear Algebra	T	
	I	PICM002	Applied Mathematics for Electrical Engineers	T	
2022 -2023	III	20MHG03	Transforms And Partial Differential Equations	T	84.91
	I	20MHG01	Calculus And Linear Algebra	T	93
	II	20MHG02	Differential Equations and Complex Variables	T	89
2021 - 2022	I	20MHG01	Calculus And Linear Algebra	T	94
	III	20MHG03	Transforms and Partial Differential Equations	T	100
	II	20MHG02	Differential Equations and Complex Variables	T	87
	IV	20MHG04	Discrete Mathematics	T	90
2020-2021	I	20MHG01	Calculus And Linear Algebra	T	100
	III	UICM003	Transforms and Partial Differential Equations	T	100
	I	PICM001	Statistical Methods For Engineers	T	94
	IV	UICM004	Numerical Methods	T	100

2019-2020	I	UICM001	Engineering Mathematics I	T	68
	III	UICM003	Transforms And Partial Differential Equations	T	80
	II	PICM106	Applied Operations Research	T	100
	II	UICM002	Engineering Mathematics II	T	100
2018-2019	I	UICM001	Engineering Mathematics I	T	
	III	UICM003	Transforms And Partial Differential Equations	T	80
	II	PICM106	Applied Operations Research	T	100
	II	UICM002	Engineering Mathematics II	T	100
2017-2018	I	UICM001	Engineering Mathematics I	T	84
	V	UICM008	Discrete Mathematics	T	82
	II	UICM002	Engineering Mathematics II	T	91
	IV	UICM006	Probability And Random Processes	T	68
2016-2017	I	MA6151	Mathematics I	T	81
	III	MA6351	Transforms And Partial Differential Equations	T	69
	III	MA6351	Transforms And Partial Differential Equations	T	74
	V	MA6566	Discrete Mathematics	T	94
	I	MA6251	Mathematics II	T	63
	IV	MA8451	Probability And Random Processes	T	84
	IV	MA8451	Probability and Random Processes	T	87
2015-2016	III	MA6351	Transforms and Partial Differential Equations	T	93
	III	MA6351	Transforms and Partial Differential Equations	T	95
	IV	MA6452	Statistics and Numerical Methods	T	89
	IV	MA8451	Probability And Random Processes	T	91

2014- 2015	III	MA6351	Transforms And Partial Differential Equations	T	68
	III	MA6351	Transforms And Partial Differential Equations	T	78
	III	MA6351	Transforms And Partial Differential Equations	T	80
	IV	MA6453	Probability And Queuing Theory	T	57
	IV	MA6459	Numerical Methods	T	75
	IV	MA6452	Statistics And Numerical Methods	T	82
2013-2014	III	MA6351	Transforms and Partial Differential Equations	T	98
	I	MA6151	Mathematics – I	T	82
	IV	MA6459	Numerical Methods	T	86
	II	MA6251	Mathematics – II	T	90
2012-2013	I	MA6151	Mathematics – I	T	98.4
	III	MA6351	Transforms and Partial Differential Equations	T	60
	II	MA6251	Mathematics – II	T	97
	IV	MA6452	Statistics and Numerical Methods	T	84
2011-2012	III	MA6351	Transforms and Partial Differential Equations	T	60
	V	MA6459	Numerical Methods	T	89.4
	II	BA7206	Applied Operations Research	T	84
2010-2011	I	MA6151	Mathematics – I	T	86
	III	MA6351	Transforms and Partial Differential Equations	T	61.54
	II	MA6251	Mathematics – II	T	88
	IV	MA6452	Statistics and Numerical Methods	T	85.07

#### Projects Guided

Academic Year	Semester	Project Title	UG / PG
-	-	-	-

## Publications

Publications	SCI / Scopus / Web of Sciences	Others
Journal	1	3
Conferences		1

### Journal Publications (IEEE format)

L. Maragatham, Dr. S. Nagarani, Dr. A. Eswari and Sivasundaram Seenith, “Mathematical analysis of nonlinear reaction-diffusion processes in immobilized glucoamylase kinetic in flow calorimetric at all electrodes using asymptotic method”, Mathematics in Engineering, Science & Aerospace” (MESA), 2023, Vol. 14 Issue 3, p835-855. 21p.

Dr. S. Saravanakumar, L. Maragatham and Dr. A. Eswari, “Analysis for Malaria Transmission Dynamic Between Human and Mosquito Population. Part II: Effective Infection Rate using New Techniques” Matrix Science Pharma, 2021, Vol. 5 Issue 1, pp. 7-13.

Dr. S. Kalyani, Dr. S. Nagarani, L. Maragatham, N. Devendra Kumar, “Multi Criteria Decision Making for selecting the Best Laptop”, International Journal of Control theory and its Applications (IJCTA), 9(36), 2016. pp. 437 – 441.

Dr. S. Kalyani, L. Maragatham, Dr. S. Nagarani, An Algorithm for Linear Fuzzy Fractional Transportation Problem, International Journal of Engineering Technology, Management and Applied Sciences (IJETMAS), 2016, Volume 4, Issue 10, ISSN 2349 – 4476.

### Conference Publications (IEEE format)

L. Maragatham, “Reliable Passive Control Design for Uncertain system with Time - varying Delays in the Conference on Proceedings of Global summit on Science, Technology, Engineering and Management, 2018, ISBN 978-1717587268.

### Books / Book Chapters (IEEE format)

Dr. A. Eswari, L. Maragatham and Dr. S. Saravanakumar, Nonlinear analysis for Malaria transmission dynamic between human and mosquito population. Part I: Effective infection rate using new technique in Analysis of Mathematical Science and it's Applications, 2021, ISBN : 978-81-947154-8-1

### Sponsored Research

Project Title	Funding Agency	Amount Rs.	Duration
-	-	-	-

### Consultancy

S. No.	Organization/ Agency	Nature of Work	Amount in Rs.	Year
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### **Workshops / Seminars attended**

Participated international workshop on Geometry of Continued Fractions: Ramanujan and his Successors organized by Department of Mathematics at Central University of Himachal Pradesh during 14.09.2020 & 15.09.2020. (Online)

Participated in the workshop on MATLAB organized by Department of Science and Humanities of Hindusthan College of Engineering, Coimbatore from 02.09.2020 to 04.09.2020. (Online)

### **Faculty Development Program attended (from recent)**

NPTEL – AICTE FDP on Geometry of Vision during Aug-Sep 2023.

Participated in One Week ATAL ONLINE FDP on “Blended Learning and Flipped Classroom” from 31.08.2020 to 04.09.2020 at National Institute of Technical Teachers Training and Research, Chandigarh.

Participated in One Week ATAL ONLINE FDP on “Blended Learning and Flipped Classroom” from 24.08.2020 to 28.08.2020 at JIS College of Engineering.

NPTEL – AICTE FDP on Matrix Analysis with Applications during Aug-Oct 2019

### **Events Organized (from recent)**

**Conference -**

**FDP -**

**Workshops -**

**Seminars -**

### **Online Courses Completed**

Sl. No.	Title	Platform
1	Numerical Linear Algebra	NPTEL
2	Matrix Analysis with Applications	NPTEL
3	Mathematics for Machine Learning: Linear Algebra	COURSERA
4	Matrix Algebra for Engineers	COURSERA
5	Mathematics for Machine Learning: Multivariate Calculus II	COURSERA
6	Introduction to Calculus	COURSERA

7	Differential Equations for Engineers	COURSERA
8	Developing the SIR Model	COURSERA
9	Vector Calculus for Engineers	COURSERA
10	Linear Algebra II: Square Matrices, Calculation Methods and applications	COURSERA
11	Algebra Basica	COURSERA
12	Geometry of Vision	NPTEL

### **Awards and Recognitions Secured**

Received Dr. S. Radhakrishnan Award from SRIT Alumni Association for contribution and Excellence in Academics in the year 2022.

### **Self-appraisal**

#### **Major Strengths**

Patience, Problem solving, Interact with students.

#### **Major Weakness**

Sympathy, Overthinking, Expecting perfection from all students.

*L. Manogatham*  
Signature