



Sri Ramakrishna Institute of Technology

(An Autonomous Institution)

(Accredited by NAAC with "A" Grade)

Pachapalayam, Perur Chettipalayam, Coimbatore – 641 010

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Faculty Profile

Full name with Qualification, Designation and

Department:

Dr. S.Parvatham, M.Sc., M.Phil., Ph.D. PGDCA.

Assistant Professor,

Science and Humanities (Mathematics)



Date of birth	:	06.06.1987	Gender	:	Female
Nationality	:	Indian	Marital status	:	Married
Address for correspondence	:	57/54, Chithiraisavadi, Pooluvapatti (PO), Alandurai (VIA), Coimbatore - 641101	Permanent address	:	57/54, Chithiraisavadi, Pooluvapatti (PO), Alandurai (VIA), Coimbatore - 641101
Mobile no	:	9944767504	e-mail (official)	:	parvatham.sh@srit.org
Landline	:	-	e-mail (personal)	:	parvathasathish@gmail.com
Date of joining	:	02.07.2018	Post of joining	:	Assistant Professor
No of promotions since D.O.J	:	NIL	Present post	:	Assistant Professor
Present pay scale	:	15900-39100	Gross pay	:	Rs. 30240
Employee ID	:	TE367	Bank account No. (Salary credited)	:	500101011524341
P.F. No	:	TN/CBE/56764/10857	Group Insurance No	:	AG00059675000103
PAN Number	:	CLBPP7811G	Aadhar Number	:	258615407836
AICTE ID	:	14144682222	AICTE Institution ID	:	1-7841521

Educational Qualification

Degree	Specialization	Year of Passing	Name of the College	Name of the University	Class Obtained
UG	Mathematics	2007	Kovai Kalaimagal College of Arts and Science, Coimbatore.	Kovai Kalaimagal College of Arts and Science, Coimbatore.	First class with Distinction
PG	Mathematics	2009	Government Arts College, Coimbatore.	Bharathiar University, Coimbatore	First class
M.Phil.	Mathematics	2012	Government Arts College, Coimbatore.	Bharathiar University, Coimbatore	NA
Ph.D	Operator Theory	2019 (18.12.2019)	Government Arts College, Coimbatore.	Bharathiar University, Coimbatore	NA
Post Graduate Diploma in Computer Applications	Computer Applications	2013	Kovai Kalaimagal College of Arts and Science, Coimbatore.	Bharathiar University, Coimbatore	First class with Distinction

Registration for Ph.D. with area of interest: July 2016 (Operator Theory)

Year of Ph.D. Registration: 2016

Year of Ph.D. Completed: 2019

Thesis Title: (n,k) quasi class Q and (n,k) quasi class Q^* operators

Supervisor Recognition Number: NA

Ph.D. Scholar Details

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

Academic Experience

Name of the College	Designation	Joining Date	Relieving Date	Experience		
				Years	Months	Days
SRI RAMAKRISHNA INSTITUTE OF TECHNOLOGY	ASSISTANT PROFESSOR	02.07.2018	Till date	5	4	25
KOVAI KALAIMAGAL COLLEGE OF ARTS AND SCIENCE	ASSISTANT PROFESSOR	08.06.2015	18.07.2016	1	1	11
KOVAI KALAIMAGAL COLLEGE OF ARTS AND SCIENCE	ASSISTANT PROFESSOR	02.02.2012	31.05.2014	2	3	28
Total				8	10	4

Industrial Experience

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

Courses Handled

Academic Year	Semester	Course Code	Course Name	Type of Course (T / L)	Pass Percentage
2022-23	Even	20MHG04	Discrete Mathematics	Theory	85
2022-23	Even	20MHG02	Differential equations and Complex variables	Theory	85
2022-23	Odd	20MHG01	Calculus and linear Algebra	Theory	82
2022-23	Odd	20MHG03	Transforms and Partial differential equations	Theory	80
2021-22	Even	20MHG05	Discrete Mathematics	Theory	94
2021-22	Odd	20MHG06	Probability and Statistics	Theory	100
2021-22	Odd	20MHG06	Probability and Statistics	Theory	100
2021-22	Odd	PICM003	Advanced mathematics for computing	Theory	100
2020-21	Even	UICM006	Probability and Random Process	Theory	95
2020-21	Even	20MHG02	Differential equations and	Theory	100

			Complex variables		
2020-21	Odd	20MHG01	Calculus and linear Algebra	Theory	79
2020-21	Odd	UICM006	Probability and Random Process	Theory	95
2020-21	Odd	UICM003	Transforms and Partial differential equations	Theory	93
2020-21	Odd	PICM003	Advanced mathematics for computing	Theory	100
2019-20	Even	UICM002	Engineering Mathematics II	Theory	100
2019-20	Even	UICM006	Probability and Random Process	Theory	90
2019-20	Odd	UICM001	Engineering Mathematics I	Theory	83
2019-20	Odd	UICM003	Transforms and Partial differential equations	Theory	52
2019-20	Odd	PICM002	Applied Mathematics for Electrical Engineers	Theory	100
2018-19	Even	UICM0002	Engineering Mathematics II	Theory	55
2018-19	Even	UICM004	Numerical Methods	Theory	85
2018-19	Odd	UICM001	Engineering Mathematics - I	Theory	74
2018-19	Odd	UICM003	Transforms & Partial Differential Equations	Theory	79
2018-19	Odd	PICM005	Statistics for Business Research	Theory	80

Projects Guided

Academic Year	Semester	Project Title	UG / PG
NIL			

Publications

Publications	SCI / Scopus / Web of Sciences	Others
Journal	2	4
Conferences	-	6

Journal Publications (IEEE format)

1. D.Senthilkumar, S.Parvatham, Aluthge transformation of quasi - n - class Q and quasi - n class Q^* operators, European Journal of Pure and Applied Mathematics, Vol.11, No. 4(2018), 1108-1129.(scopus and ESCI) (oct 2018)
2. S.Parvatham, D.Senthilkumar, Weyl's Theorem for Class Q and k - Quasi Class Q Operators, Australian journal of Mathematical Analysis and Applications, Vol.16, Issue 2, No. 17(2019), 1-11. (scopus)
3. S.Parvatham, D.Senthilkumar, Aluthge transformation of n - class Q and n class Q^* operators, Journal of Emerging Technologies and Innovative Research, Vol.6, No. 6(2019), 467-478.(Thomson routers)
4. S.Parvatham, D.Senthilkumar, Aluthge transformation of (n,k) quasi class Q and (n,k) quasi class Q^* operators, International Journal of Engineering Development And Research, Vol.7, No. 3(2019), 647-662. .(Thomson routers)
5. S.Parvatham, D.Senthilkumar, Spectral Properties of k -Quasi-Parahyponormal Operators Operators, International Journal of Mathematics Trends and Technology, Vol.66, No. 7(2020), 73-76. .(Thomson routers)
6. S.Parvatham, D.Senthilkumar, Tensor Sum, International Journal of All Research Education and Scientific Methods (IJARESM), Vol.9, No. 9(sep-2021), 1369-1376.

Conference Publications (IEEE format)

1. D.Senthilkumar, S.Parvatham, Aluthge Transformation of class $Q(N)$ and class $Q^*(N)$ operators, National Conference on Recent Developments in mathematics NCRDM-2019, 21.02.2019 to 22.02.2019, Government Arts College, Coimbatore.
2. S.Kalyani, S.Parvatham, A solution proposal to indefinite Quadratic Interval Transposition Problem, National Conference on contributions of Mathematics in Science & Technology COMIST -19, 15.02.2019 to 16.02.2019, Bannari Amman Institute of Technology, Sathyamangalam.
3. D.Senthilkumar, S.Parvatham, Aluthge transformation of (n,k) quasi class Q and (n,k) quasi Q^* operators, National Conference on Advances in Science, Humanities and Technology NCASHT-2019, 11.07.2019 to 12.07.2019, Saveetha School of Engineering, SIMATS, Chennai.
4. D.Senthilkumar, S.Parvatham, Weyl's and generalized Weyl's theorem for tensor sum, National Conference on Advances in Science, Humanities and Technology NCASHT-2019, 11.07.2019 to 12.07.2019, Saveetha School of Engineering, SIMATS, Chennai.
5. S.Parvatham, D.Senthilkumar, Spectral properties of k -quasi-parahyponormal operators, National Conference on Contributions of Mathematics in Science and Technology "COMIST 2020", 14.03.2020, Bannari Amman Institute of Technology, Sathyamangalam.
6. S.Parvatham, D.Senthilkumar, K quasi parahyponormal composition operators, International Web Conference on Mathematics for Materials Science, Signals, Images and Structured Data, 23.07.2020 and 24.07.2020, Bannari Amman Institute of Technology, Sathyamangalam.
7. S.Parvatham, D.Senthilkumar, Weyl-type theorem for n -class Q Operators, International Virtual Conference on Bridging Innovative Trends in Mathematics, Engineering, and Technology - BITMET'20", 18.12.2020 and 19.12.2020, Bannari Amman Institute of Technology, Sathyamangalam

Books / Book Chapters (IEEE format)

1. Rajesh S, Kokila B and Dr. S. Parvatham, IoT Based Photoelectric Animal Motion Detection, "Research Trends in Multidisciplinary Research (Volume - 46)", ISBN 978-93-5570-751-2, P.No.131-144.

Sponsored Research

Project Title	Funding Agency	Amount Rs.	Duration
Nil			

Consultancy

S. No.	Organization/ Agency	Nature of Work	Amount in Rs.	Year
Nil				

Workshops / Seminars attended

1. Participated in Virtual Lecture Workshop on "Mathematical Biology" organized by Department of Mathematics, School of Foundational Sciences, Kumaraguru College of Technology (Autonomous), Coimbatore 641049 during 25.02.2022 to 26.02.2022.
2. Participated in the National Level Workshop on "Data Analytics Using R" organized by Department of Data Analytics (PG), PSGR Krishnammal College for Women, Coimbatore – 6410004 during 12.10.2021.
3. Participated in the webinar on "Statistics Using R-Programming" organized by Department of Mathematics, KPRIET, Coimbatore during 22.05.2021.
4. Participated in the webinar on "Women in IT Industry" organized by Sri Ramakrishna Institute of Technology, Coimbatore during 29.04.2021.
5. Participated in the webinar on " Applications of Optimization Techniques in Performance Analysis " organized by Department of mathematics, PSG Itech, during 23.04.2021.
6. Participated in online workshop on "Inculcating Universal Human Values in Technical Education" organized by AICTE during 21.09.2020 to 25.09.2020.
7. Participated in the webinar on "Online Teaching and Learning" organized by the Department of Computer science, computer application and information Technology, GTN Arts College, Dindigul during 09.05.2020.
8. Participated in online Lecture series on "Mathematics of Industry 4.0" organized by Department of Mathematics, SRM Institute of Science and Technology, Chennai during 27.04.2020 to 29.04.2020.

9. Participated in the Webinar on "Methods and Tools for Qualitative Research Writing" organized by the Department of Science and Humanities, Karpagam College of Engineering, Coimbatore, during 16.05.2020.
10. Participated in Two days National Webinar on "Mathematical Modelling and Its Applications" organized by department of Science and Humanities (mathematics), RMK College of Engineering and Technology during 27.07.2020 to 28.07.2020.
11. Participated in an International Webinar on "Numerical and Scientific Computing" organized by the department of Mathematics and Statistics, School of Basic Sciences, Manipal University, Jaipur during 28.07.2020.
12. Participated in the webinar on "Emerging Global Careers in the Manufacturing Industry" organized by Alpha College of Engineering, Chennai during 01.05.2020.
13. Participated in the webinar on "Remove Your Inhibitions to Be Innovative" organized by Tamilnadu College of Engineering, Coimbatore, during 29.05.2020.
14. Participated in the webinar on " Global Opportunities in Space Exploration and Research " organized by Sri Venkateswaraa College of Technology, during 29.05.2020.
15. Participated in the webinar on " Start Where You Are " organized by Sri Venkateswaraa College of Technology, during 26.05.2020.
16. Participated in the webinar on " Engineering Real World Applications " organized by Sri Venkateswaraa College of Technology, during 15.05.2020.
17. Participated in the webinar on " How to Fast Track Your Operations in the Time of Social Distancing" organized by Sri Venkateswaraa College of Technology, during 14.05.2020.
18. Participated in the webinar on " Industrial Applications of Artificial Intelligence " organized by Sri Venkateswaraa College of Technology, during 13.05.2020.
19. Participated in the webinar on " Skills Acquired During the Transition " organized by Sri Venkateswaraa College of Technology, during 12.05.2020.
20. Participated in the webinar on " Lean for Leaner Days " organized by Sri Venkateswaraa College of Technology, during 11.05.2020.
21. Participated in the webinar on "The Four Indispensable Soft Skills You Need to Master" organized by Sri Venkateswaraa College of Technology, during 02.05.2020.
22. Participated in the webinar on "Learn the Fundamentals of LaTeX" organized by the Department of Science and Humanities, Karpagam College of Engineering, Coimbatore during 02.05.2020 to 03.05.2020.
23. Participated in the online workshop on "Mathematical Sciences for CSIR-UGC NET Aspirants" organized by PG and Research Department of Mathematics, St. Mary's College (Autonomous), Thoothukudi 628001 during 19.05.2020 to 23.05.2020.

24. Participated in One-Day Hands-On Workshop on "AERIAL ROBOTICS" organized by Sri Ramakrishna Institute of Technology during 01.02.2019 to 02.02.2019.

Faculty Development Program attended (from recent)

1. Participated in NPTEL – AICTE, 4 week Online FDP Course on “Geometry of Vision” during Aug – Sep 2023.
2. Participated in Two week online International FDP on “Current Trends in Applications of Mathematics” organized by Department of Mathematics, School of Sciences and Humanities, Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science and Technology, Avadi, Chennai 62, during 21-09-2022 to 04-10-2022.
3. Participated in National level FDP on “Mathematical Modelling For Business Analytics” organized by Department of Mathematics and Faculty Development centre, Suguna College of Arts and Science, Coimbatore 641014 during 21.05.2022.
4. Participated in three day national FDP on “Effective Teaching and Learning Methodologies for Differential Equations” organized by Department of Mathematics PG, PSGR Krishnammal College for Women, Coimbatore from 25.04.2022 to 27.04.2022.
5. Participated in AICTE sponsored Six Day Faculty Development Training Programme on “MA 8351 – Discrete Mathematics” organized by the Department of mathematics, RAMCO Institute of Technology, Rajapalayam during 28.06.2021 to 03.07.2021.
6. Participated in NPTEL – AICTE, 8 week Online FDP Course on “Introduction to Abstract and Linear Algebra” during Aug – Oct 2019.
7. Participated in AICTE sponsored Six Day Faculty Development Training Programme on “MA 8151 – Engineering Mathematics I” organized by the Department of mathematics, University College of Engineering, Dindigul during 17.06.2019 to 22.06.2019.
8. Participated in one day FDP on “Linear Algebra and its Applications” organized by Department of Science and Humanities, Dr.N.G.P Institute of Technology, Coimbatore on 28.07.2018.
9. Participated in NPTEL – AICTE, 8 week Online FDP Course on “Introduction to Operations Research” during Aug – Sep 2018.
10. Participated in AICTE recognized Short term course on “Optimization Techniques with Engineering Applications through ICT” organized by Applied Science Department, National Institute of Technical Teachers Training & Research (NITTTR), Chandigarh through ICT at Sri Ramakrishna Institute of Technology, Coimbatore.

Events Organized (from recent)**Conference** : Nil**FDP** : Nil**Workshops** : 2

Particulars	Title	Date	Venue
Organized	NPTEL Awareness Workshop	21.06.2022 & 22.06.2022	Sri Ramakrishna Institute of Technology
Organized	Work shop on “Learning Mathematics With Scientific Calculator”	29.10.2019	Sri Ramakrishna Institute of Technology

Seminars : 5

Particulars	Title	Date	Venue
Organized	Webinar on “Fundamentals of Engineering Mathematics”	10.02.2022	Sri Ramakrishna Institute of Technology
Organized	Webinar on “ Mathematics in Engineering ”	30.04.2021	Sri Ramakrishna Institute of Technology
Organized	Webinar on “ Applications of Vector Calculus”	26.04.2021	Sri Ramakrishna Institute of Technology
Organized	Webinar on “ Applications of Laplace Transforms”	19.06.2020	Sri Ramakrishna Institute of Technology
Organized	Seminar on “ linear Programming”	21.08.2019	Sri Ramakrishna Institute of Technology

Online Courses Completed

Sl. No.	Title	Platform
1	Introduction to Operations Research	NPTEL
2	Introduction to Abstract and Linear Algebra	NPTEL
3	Numerical Methods	NPTEL
4	Geometry of vision	NPTEL
5	Excel skills for business Essentials	Coursera
6	Introduction to google docs	Coursera
7	Create Informative Presentations with Google Slides	Coursera
8	Introduction to Ordinary Differential Equations	Coursera
9	Gmail: the foundation to Accessing Google apps	Coursera
10	Spreadsheets for beginners using google sheets	Coursera
11	Getting started with Google Sheets	Coursera

12	Matrix Algebra for Engineers	Coursera
13	Vector Calculus for Engineers	Coursera
14	Create a resume and cover letter with Google docs	Coursera
15	Getting started in Google Analytics	Coursera
16	Internet History Technology and Security	Coursera
17	Food and beverage management	Coursera
18	Excel skill for beginners intermediate I	Coursera
19	Welcome to Game theory	Coursera
20	Introduction to Microsoft excel	Coursera
21	How to use Lookup Reference Math and Text Functions in Excel	Coursera
22	Introduction to Probability	edx

Awards and Recognitions Secured : Nil

Self-appraisal

Major Strengths : Problem-Solving Skills, Result-Oriented and Adaptability.

Major Weakness : Overcommitting, Delegating Tasks and Boundary Setting.



Signature