Dr.R.SATHISHKUMAR M.Sc.,M.Phil.,Ph.D
Assistant Professor-I Department of Mathematics
Velammal College of Engineering and Technology (Autonomous), Madurai
e-Mail Id: rsk@vcet.ac.in

Educational Qualification:

Degree or Diploma	Name of the Institution	Name of the University	Year of Passing
Ph.D	--	Anna University	2018
M.Phil (Mathematics)	School of Mathematics	Madurai Kamaraj University	1999
M.Sc (Mathematics)	Thiagarajar Arts College	Madurai Kamaraj University	1998
B.Sc (Mathematics)	Thiagarajar Arts College	Madurai Kamaraj University	1996

Experience in Years: 24 Years 08 Months

Employment History:

Institution	Designation	No.of years	Period From	To
Velammal College of Engineering and Technology	Assistant Professor I	----	02.08.2023	Till Now
Sethu Institute of Technology	Associate Professor	7 Months	01.11.2022	25.05.2023
Sethu Institute of Technology	Assistant Professor (Senior Grade)	03 years 04Months	03.07.2019	31.10.2022
K.L.N.College of Information Technology	Associate Professor	09 years	01.07.2010	28.06.2019
K.L.N.College of Information Technology	Assistant Professor	01 Year 11Months	12.08.2008	30.06.2010
K.L.N.College of Information Technology	Senior Lecturer	01Year 07Months	05.01.2007	11.08.2008
Raja College of Engineering & Technology	Lecturer	01 Year 06Months	01.07.2005	29.12.2006
Pandian Saraswathi Yadav Engineering College	Lecturer	03 Years	27.06.2002	30.06.2005
Raja College of Engineering & Technology	Lecturer	01 Year 09Months	12.07.2000	30.04.2002

Interested Research Areas:

Topology & Graph Theory

Scholarships and Awards received:
- Received **cash award** of Rs.2000 for 100% Result for the Academic year 2008-2009 in K.L.N.College of information Technology.

- Received **cash award** of Rs.2000 for 100% Result for the Academic year 2009-2010 in K.L.N.College of information Technology.

Funded Research Projects: Nil

Funding Agency:

Scheme:

Title:

Sanctioned Amount:

Year:

Principal Investigator(PI):

Co-PI:

Patent rights received: Nil

Publications Details:

1. Patent Journal Publication Details:
Published one Patent in January 2025 titiled " Developing Hybrid Quantum-Classical Models for IOT Applications in Smart Cities".

2. International Journal Publication Details:

S.No	Author	Name of the Journal	Title	ISSN and Volume	Year	Journal Type
1	**R.Sathishkumar** V.Dhanasekaran Brindha S M.Devarajan	Educational Administration: Theory and Practice	Between closed sets and gw-closed sets	ISSN 2148-2403 Volume 30(2),Page 458-466	2024	Scopus
2	V.Dhanasekaran **R.Sathishkumar** M.Devarajan	Migration Letters	πg-Locally Closed Sets and πgl-Continuous Functions	ISSN 1741-8984(Print), ISSN 1741-8992(Online) Volume 21 , No.S6 Page 1597-8992	2024	Scopus
3	**R.Sathishkumar** V.Dhanasekaran D.Lakshmanraj M.Devarajan	Tuijin Jishu/Journal of Propulsion Technology	New Classes of Ideal Topological Quotient Maps	ISSN 1001-4055 Volume 44 , No.5 Page 1749-1755	2023	Scopus
4	**R.Sathishkumar** &V.Dhanasekaran	Advances in Mathematics Scientific Journal	Kernels In Ideal Spaces	ISSN 1857-8365(printed) 1857-8438 (electronic)Volume 9 ,Number 8 Page 5805-5813	2020	Scopus

5	P.Jayagowri **R.Sathishkumar** &V.Dhanasekaran	Alochana Chakra Journal	Solving PERT problem by Fuzzy number using several ranking techniques	ISSN 2231-3990 Volume IX , Issue VI Page 5582-5594	2020	UGC care list
6	**R.Sathishkumar** K.T.Nagalakshmi & O.Ravi	International Journal of Printing Packaging and Allied Sciences	New Weak Structures via Mixed Constructions	ISSN 2320-4387 Volume 5 Number 1 Page 759-767	2017	Anna University Annexure I
7	**R.Sathishkumar** V.Dhanasekaran & K.T.Nagalakshmi	Global Journal of Pure and Applied Mathematics	Direct Permutation Graphs	ISSN 0973-1768 Volume 11 ,Number 3 Page 1351-1362	2015	Scopus (Anna University Annexure II)
8	V.Dhanasekaran **R.Sathishkumar** & K.T.Nagalakshmi	Global Journal of Pure and Applied Mathematics	RC-Graphs and their Fuzzifications	ISSN 0973-1768 Volume 11 ,Number 3 Page 1557-1567	2015	Anna University Annexure II

NPTEL COURSE

Successfully completed the NPTEL online Certificate Course in Constrained and unconstrained optimization (12 week course) in the year April 2025

Successfully completed the NPTEL online Certificate Course in Introduction to Probability Theory and Stochastic Processes (12 week course) in the year October 2024

Successfully completed the NPTEL online Certificate Course in Discrete Mathematics (12 week course) in the year April 2024

Successfully completed the NPTEL online Certificate Course in Differential Equations for Engineers (12 week course) in the year November 2023 with Elite

Successfully completed the NPTEL online Certificate Course in Ordinary and Partial Differential Equations and Applications (12 week course) in the year April 2022

Successfully completed the NPTEL online Certificate Course in Probability and Statistics (12 week course) in the year October 2021

Successfully completed the NPTEL online Certificate Course in Operations Research (8 week course) in the year November 2020

FDP CONDUCTED

As a Faculty Coordinator conducted a Five Days National Level online FDP on "Applied Mathematics in Real Time Problems" from 05.05.2025 to 09.05.2025

CONFERENCE CONDUCTED

As a Coordinator conducted one day National Conference on "Recent Trends in Graph Theory & Mathematical Modeling" on 05.02.2021

CONFERENCE ATTENDED

National Conference on Recent Trends in Mathematics and its applications in association with Dr.V.Swaminathan Endowment at Sethu Institute of Technology Virudhu Nagar District from 21.12.2023 to 22.12.2023

International Conference on Design and Application of Structures, Drives, Communicational and Computing Systems ICDASDC – 2019 at K.L.N.College of Information Technology Sivagangai District from 08.03.2019 to 09.03.2019

National Conference on "FUZZY Mathematics, Graph Theory and Applications" at MEPCO SCHLENK Engineering College Sivakasi from 17-04-2009 to 18-04-2009

National Conference on Mathematics computing and Modeling NCMCM-2007 at Gandhi gram Rural University from 03.03.2007 to 04.03.2007

PAPERS PRESENTED IN CONFERENCE

Presented a paper on BETWEEN CLOSED SETS AND $^{g\omega}$-CLOSED SETS at International conference conducted by K.L.N.College of Information Technology Sivagangai District on 08th and 09th March, 2019

Presented a paper on DECOMPOSITIONS OF TOPOLOGICAL FUNCTIONS at International conference conducted by K.L.N.College of Information Technology Sivagangai District on 08th and 09th March, 2019

WEBINAR CONDUCTED

As a Coordinator conducted a Webinar on "Applications of Mathematics" on 30.12.2020

WEBINAR ATTENDED

More than 20 webinars attended through online.

FACULTY DEVELOPMENT PROGRAM ATTENDED

One week online AICTE Recognized faculty development program on "Fuzzy Optimization Techniques: New Trends" from 17.02.2025 to 21.02.2025 organized by the National institute of Technical Teachers Training and Research , Chandigarh , Ministry of Education, Government of India.

One week online faculty development program on "Recent Trends in Mathematical Modelling and its applications" from 26.02.2024 to 02.03.2024 organized by the Department of Mathematics, SRM Madurai College for Engineering and Technology, Madurai.

One week online faculty development program on "Outcome Based Education" from 04.12.2023 to 08.12.2023 organized by the Department of Electronics and Communication Engineering, Velammal College of Engineering and Technology, Madurai.

More than 7 Faculty Development Program attended through online.

WORKSHOP AND SEMINARS ATTENDED

One Day Training Program on Effective implementation of outcome based education (OBE) in KLN College of Information Technology – 2018

One Day Training Program on A Health and Nutrition Awareness Program in KLN College of Information Technology – 2018

One Day National Level Workshop on Intellectual Property Rights in KLN College of Information Technology- 2017

One Day Training Program on NBA in KLN College of Information Technology- 2017

One Day Training program on Innovative strategies for effective teaching and learning in KLN College of Information Technology- 2017

International seminar on Academic Management of Engineering Programmes to Meet Net Age Challenges in KLN College of Information Technology – 2012

3. Google Scholar Report :

https://scholar.google.com/citations?user=h4A9gUgAAAAJ&hl=en