

BIO DATA



Name : R. SUBASREE

Designation : Associate Professor

Department : Mathematics

Address for Communication : 251 A, 4th Street,
Ayyappan Colony,
Sivakasi – 626 123.

Email : subasree@ritrjpm.ac.in

Google Scholar link :

<https://scholar.google.com/citations?user=nFpVODgAAAAI&hl=en&oi=sra>

1. Educational Qualification

Degree	Branch / Specialization	Institute/University	Year of Passing
B.Sc.,	Mathematics	A.P.C. Mahalaxmi College for Women, Manonmaniam Sundaranar University	2005
M.Sc.,	Mathematics	A.P.C. Mahalaxmi College for Women, Manonmaniam Sundaranar University	2007
M.Phil	Mathematics	A.P.C. Mahalaxmi College for Women, Manonmaniam Sundaranar University	2008
Ph.D	Mathematics	Manonmaniam Sundaranar University	2017
SET	Mathematics	Mother Teresa Women's University	2017

2. Professional/ Industry Experience

: (in chronological order)

S.No	Designation	Institution/ Organization	Period	
			From	To
1	Assistant Professor	Grace College of Engineering	19.06.2009	20.01.2014
2	Assistant Professor	PSR Rengasamy College of Engineering for Women	03.06.2015	30.04.2016
3	Assistant Professor	Ramco Institute of Technology	01.06.2016	31.05.2018
4	Assistant Professor	Ramco Institute of Technology	01.06.2018	31.01.2024
5	Associate Professor	Ramco Institute of Technology	01.02.2024	Till date

3. Research Interest: Fuzzy and Neutrosophic Topology

Updated as on 21.06.2024

4 Publications

4.1 JOURNAL PUBLICATIONS: 11

1. **Subasree R** and Maria Singam M (July 2013), "*On $b\hat{g}$ – Closed sets in Topological Spaces*", International Journal of Mathematical Archive, Vol 4, Issue 7, pages 168 to 173.
2. **Subasree R** and Maria Singam M (Oct 2013) "*On $b\hat{g}$ – Continuous maps and $b\hat{g}$ – Open maps in Topological Spaces*", International Journal of Engineering Research and Technology, Vol 2, Issue 10, pages 3443 to 3451.
3. **Subasree R** and Maria Singam M (December 2014), "*On Contra $b\hat{g}$ – Continuous functions in Topological Spaces*", International Journal of Mathematical Archive, Vol 5, Issue 12, pages 66-74.
4. **Subasree R** and Maria Singam M (June 2015) "*On (τ_i, τ_j) – $b\hat{g}$ – Closed Sets in Bitopological Spaces*", International Journal for Scientific research and development, Vol 3, Issue 6, pages 1269-1276.
5. **Subasree R** (July 2016), "*On $b\hat{g}$ – Quotient Mappings in Topological Spaces*", International Journal of Innovative Research in Science, Engineering and Technology, Vol 5, Issue 7, pages 13647 to 13654.
6. **Subasree R** (May 2018), "*A New Class Of Minimal And Maximal Sets Via $b\hat{g}$ – Closed Set*", International Research Journal of Mathematics, Engineering and IT, Vol 5, Issue 5, pages 1 to 11.
7. Basari Kodi K, **Subasree R**, Sathikala L (April 2021), "*Scope for application of Topological spaces in Data Granulation through a new class of nearly open set Semi* Regular*-Open sets*", Turkish Journal of Computer and Mathematics Education Vol.12 No.2(2021), 2176–2179.
8. **Subasree R**, Basari Kodi K (June 2022), "*On $N\beta^*$ -Closed sets in Neutrosophic Topological spaces*", Neutrosophic Sets and Systems, Vol. 50, pp.372-378.
DOI: 10.5281/zenodo.6774847.
9. **Subasree R**, Basari Kodi K, (March 2023), "*A Study on $N\psi\beta$ and $N\beta\psi$ - Closed sets in Neutrosophic Topological spaces*" in Baghdad Science Journal, 2023, 20(1 Special Issue) ICAAM: 283-287.
10. **Subasree R**, Basari Kodi K, Sathikala L, Subramanian K.(April 2023), "*A Study on various Pentapartitioned Neutrosophic generalized closed sets*", in International Journal of Neutrosophic Science, Vol. 20, No. 4, 235-240.
11. **Subasree R**, Basari Kodi K (May 2024), "*On Heptagonal Neutrosophic Semi-open Sets in Heptagonal Neutrosophic Topological Spaces: Testing Proofs by Examples*", Neutrosophic Systems with Applications, 17, 59-67.
<https://doi.org/10.61356/j.nswa.2024.17247>

4.2 CONFERENCE PUBLICATIONS: 6

1. **Subasree R**, Basari Kodi K, "*On $b\omega$ - Closed sets in Intuitionistic Fuzzy Topological Spaces*" in Proceedings of International Web Conference on Smart Engineering Technologies – 2020 (IWCSET'20), organized by RIT on 26-27, June 2020.
2. Jackson S, Gnanapoo Denosha T and **Subasree R**, "*On Fuzzy JD-Open sets in Fuzzy Topological Spaces*" in Proceedings of National Web Conference on Challenges and Innovation in Engineering and Technology-2021 (NWCCIET'21), organized by RIT on 26-27, 19-20, March 2021.
3. **Subasree R**, "*On Generalized $b\omega$ -Closed Sets in Ideal Topological Spaces*", Proceedings of Virtual International Conference on Multidisciplinary Research-2022 [VICMR-2022], May 2022, pp. 526-537.
4. **Subasree R**, Vigneshwaran A.E, "*On $N\beta^*$ -Irresolute mappings in Neutrosophic Topological spaces*" in International Conference on Sustainable Technology in Civil Engineering and Applied Sciences, (ICSTCA'23), organized by RIT on 24 – 25 March 2023.
5. **Subasree R**, "*Heptagonal Neutrosophic Quotient Mappings*" in the National Conference on Mathematical Modelling and Computation (NCMMC-24), organized by PSGR Krishnammal college for Women, Coimbatore on 14th and 15th March 2024.
6. **Subasree R**, BasariKodi K, Subramanian K, presented a paper entitled, "*A Note on Generalized Heptagonal Neutrosophic Set*" in the International Conference on Mathematical Challenges and Novel Applications (ICOMACNA-24), organized by ANJAC, RIT and SFRC on 21st and 22nd March 2024.

4.3 Book/Book chapter publications: 4

S.No	Name of the Book	Authors	Publisher	ISBN Number
1.	Matrices and Calculus	Dr. K. Basari Kodi Dr. T. Manimaran Mr. K. Subramanian Dr. R. Subasree Dr. G. Selvaraj	Pearson	978-81-198-4774-7
2.	Statistics and Numerical Methods	Dr. K. Basari Kodi Dr. L. Sathikala Dr. T. Manimaran Mr. K. Subramanian Dr. R. Subasree Dr. G. Selvaraj	V.R.B Publishers Pvt. Ltd	978-93-95018-56-2
3.	Discrete Mathematics	Dr. K. Basari Kodi Dr. L. Sathikala Dr. T. Manimaran Mr. K. Subramanian Dr. R. Subasree Mr. T. Selvaganesh	Vishnu Prints Media	978-81-19432-48-6
4.	Statistics and Numerical Methods	Dr. K. Basari Kodi Dr. L. Sathikala Dr. T. Manimaran Mr. K. Subramanian Dr. R. Subasree Dr. G. Selvaraj	Pearson	978-93-615-9771-8

5 Funded Projects: Nil

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/Conference Attended: 14

Sl.No	Title of the event	Organized by	Date	
			From	To
1	AUFDP On Transforms and Partial Differential Equations	Department of Mathematics, Ramco Institute of Technology	12.06.2017	18.06.2017
2	Two Days Workshop on Linear Algebra	Department of Mathematics, Ramco Institute of Technology	27.06.2018	28.06.2018
3	A Two day Workshop on Writing Research papers, Citation analysis, Plagiarism, Getting Patent & Copyright (PCPPC – 2018)	Department of Library, Ramco Institute of Technology	29.06.2018	30.06.2018
4	Course on “MATLAB onramp”	Department of EEE, Ramco Institute of Technology	22.11.2018	22.11.2018
5	Five days Online FDP on “Exposure to Latex and Scilab”	DKM college for Women, Vellore	30.04.2020	04.05.2020
6	FDP on “Real Life applications of Fuzzy Mathematics”	St. Peter’s Institute of Higher Education and Research, Chennai-54	22.05.2020	22.05.2020
7	Two day Online FDP on “MA8551 Algebra and Number Theory”	RIT, Rajapalayam	26.05.2020	27.05.2020
8	3-Day National Level Workshop on “MATLAB for Beginners”	SrimadAndavan Arts and Science College, Trichy	28.07.2021	30.07.2021

9	Online Six-Day FDTP on "MA8351- Discrete Mathematics"	Ramco Institute of Technology, Rajapalayam	28.06.2021	03.07.2021
10	Six Days International Virtual FDP on "Recent Research Advances in Mathematics"	St. Joseph's College of Arts & Science, Chennai	04.10.2021	09.10.2021
11	UGC-AICTE Incorporating Universal Human Values in Education	AICTE	11.07.2022	15.07.2022
12	Five day online FDP on "Applications of Mathematics in Applied Sciences and Engineering"	GMR Institute of Technology- Rajam & NIT- Warangal	30.01.2023	03.02.2023
13	Five Day Online Faculty Development Program on Recent Advances in Mathematics	Sri Manakula Vinayagar Engineering College, Puducherry	04.09.2023	08. 09. 2023
14	7 days Professional enrichment programme for faculties on, "Strategic Management Practices for NAAC Accreditation"	Dhanraj Baid Jain College, Chennai	12.02.2024	21.02.2024

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

Sl.No	Title of the event	Organized by	Date	
			From	To
-	-	-	-	-

9. Online Courses: 16

S.No	Course Title	University	Date
1.	Introduction to Complex Analysis	Wesleyan University	15.06.2017
2.	Calculus1A: Differentiation	Massachusetts Institute of Technology, USA.	13.09.2017
3.	Differential Equations 2x2 systems	Massachusetts Institute of Technology, USA.	16.12.2017
4.	Calculus 1B: Integration	Massachusetts Institute of Technology, USA.	08.03.2018
5.	Differential Equations: Fourier Series and Partial Differential Equations	Massachusetts Institute of Technology, USA.	20.12.2018
6.	Calculus 1C: Coordinate Systems and Infinite Series	Massachusetts Institute of Technology, USA	11.05.2019
7.	Introduction to Graph Theory	University of California San Deigo, National Research University Higher School of Economics	23.12.2019
8.	Mathematics for Machine Learning: Multivariate Calculus	Imperial College London	12.05.2020
9.	Mathematics for machine learning : Linear Algebra	Imperial College London	13.05.2020
10.	Differential Equations for Engineers	The Hongkong university of Science and Technology	19.06.2020
11.	Introduction to Programming with MATLAB	Vanderbilt University	13.09.2021
12.	Introduction to Statistical Methods with MATLAB	MathWorks Training Services	23.06.2022

Updated as on 21.06.2024

13.	Optimization Onramp	MathWorks Training Services	30.12.2022
14.	Introduction to Statistics	Stanford University	18.05.2023
15.	Data Science Math skills	Duke University	31.01.2024
16.	Introduction to Statistics, Probability and Estimation	The London school of Economics and Political science	23.02.2024

10. Patents filed/awarded : Nil

11. Membership in Professional societies: Nil

12. Awards, Recognition & Achievements:

Any others (Board of studies/Governing Council/Staff Selection/ Reviewer/other duties)

- Received Best class advisor award for the academic year 2019-2020 (I ECE–B)

Other duties

- Department Meeting Minutes incharge (2017-2022)
- Special class circular incharge (2017-2022)
- Faculty coordinator for college Academic Prizes (2019 onwards)
- Coordinating NBA Criteria 8 (8.4) (2019 onwards)
- Coordinator for Tamil Mandram club (2020 onwards)
- Admission in charge for Thoothukudi District (2020 onwards)
- Department RC member (2022 onwards)
- Domain coordinator for MA3354 (2022-23)
- Domain coordinator for MA3151 (2023-24)
- Mentor