

STAFF PROFILE

Name : Dr. S. Suresh Kumar
Designation : Assistant Professor (SS)
Department : PG and Research Department of Mathematics
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1. Academic Qualification

Degree	Year	Subject	Institution	University
Ph.D.	2021	Mathematics	Ramanujan Institute for Advanced study in Mathematics	University of Madras
M.Phil.	2005	Mathematics	Ramanujan Institute for Advanced study in Mathematics	University of Madras
PG	2004	Mathematics	Ramanujan Institute for Advanced study in Mathematics	University of Madras
UG	2002	Mathematics	Voorhees College, Vellore	University of Madras

1.1 Jrf/Net/Set/Slet/Slst

CSIR JRF-NET	2005	Mathematical Sciences	CSIR
SET	2006	Mathematical Sciences	Bharathiyar University

2. Work Experience

S.No.	Positions Held	Name of the Institute	From	To
1.	Assistant Professor (SS)	C. Abdul Hakeem College, Melvisharam	03.12.2018	Till date
2.	Assistant Professor	C. Abdul Hakeem College, Melvisharam	03.12.2013	02.12.2018
3.	Assistant Professor	KMG College of Arts and Science, Gudiyatham	02.07.2009	02.12.2013
4.	Lecturer	Sri Sankara Arts and Science College, Kanchipuram	02.03.2009	30.04.2009
5.	Guest lecturer	Government Thirumagal Mills College, Gudiyatham	21.07.2005	31.10.2008

3. Professional Recognition/Award/Prize/Certificate/Fellowship received

S.No.	Name of the Award	Awarding Agency	Year
1.	NPTEL DISCIPLINE STAR	NPTEL	2023

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4. Professional Development Programme Attended (FDP/FIP/RC/OP/PDP – More than 3 Days)

S.No.	Name of the Programme	Name of the Organizer	Duration With Date
1.	Refresher Course in Mathematics (Theme: Python & Vedic Mathematics)	Teaching Learning Centre, Ramanujan College, New Delhi	14 Days 13.07.2023 to 26.07.2023
2.	Refresher Course in Mathematics	Teaching Learning Centre, Ramanujan College, New Delhi	15 Days 31.08.2021 to 14.09.2021
3.	Winter School Refresher Course on Mathematics	UGC HRDC, University of Madras, Chennai	21 Days 07.11.2017 to 27.11.2017
4.	Orientation Programme	UGC HRDC, University of Madras, Chennai	28 Days 14.05.2015 to 10.06.2015

4.1 Membership of Professional Bodies

Name of the Professional Body	Member Type	Year
Indian Mathematical Society	Life Member	2020

5. Research & Development

5.1 List of Papers published (Name, Title, Journal Name, Volume, Year, Page No) (Link if any)

Year	Name of the Authors	Title of the Paper	Vol., Year, Page No	Link if any
2023	S.Suresh Kumar	The deformed modified Korteweg–de Vries equation: Multi-soliton solutions and their interactions	97, 2023 Pramana - J Phys, Springer	https://doi.org/10.1007/s12043-023-02581-6
2020	S.Suresh Kumar and R.Sahadevan	Integrability and exact solutions of deformed fifth-order Korteweg–de Vries equation	94,2020 Pramana - J Phys, Springer	https://doi.org/10.1007/s12043-020-02005-9
2020	S.Suresh Kumar and R.Sahadevan	Conservation Laws of Deformed N-Coupled Nonlinear Schrödinger Equations and Deformed N-Coupled Hirota Equations.	6,2020 Int. J. Appl. Comput. Math, Springer	https://doi.org/10.1007/s40819-019-0766-0
2020	S Balakrishnan, S.Suresh Kumar	Integrability and Similarity Analysis of deformed Kundu-Eckhaus Equation	XII 1, 410-415 Int. J. Analy. Exp. modal Anal.	

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2020	S Balakrishnan, S.Suresh Kumar	Soliton Solutions of deformed Kundu-Eckhaus Equation using Darboux Transformation	11,1,2020 J. Engg, Sci.	
2019	S.Suresh Kumar and R.Sahadevan	Integrability and Group Theoretical Aspects of Deformed N-Coupled Hirota Equations	5, 22 (2019) Int. J. Appl. Comput. Math., Springer	https://doi.org/10.1007/s40819-019-0607-1
2017	S.Suresh Kumar and R.Sahadevan	Integrability and Lie symmetry analysis of deformed N-coupled nonlinear Schrödinger equations	90, 2783–2795 (2017) Nonlinear Dyn., Springer	https://doi.org/10.1007/s11071-017-3837-y

5.2 List of Books/Reports/Chapters/General articles etc. (Author, Chapter Title, Book Title, Publisher, Year, ISBN/ISSN) (Link if any)

Year	Name of the Authors	Title of the Book/Chapter	Publisher	ISBN/ISSN
2020	S.Suresh Kumar	Integrability Aspects of Deformed Fourth-Order Nonlinear Schrödinger Equation. In: Dutta, D., Mahanty, B. (eds) Numerical Optimization in Engineering and Sciences	Springer, Singapore	978-981-15-3217-7, 978-981-15-3215-3/ 2194-5357

5.3 List of Paper Presentations in National/International Seminar/Conference (Paper Title, Seminar/Conference, Place, Date)

Year	Title of the Paper	Name of the Seminar/Conference	Place	Date
2019	Integrability Aspects of Deformed Fourth-Order Nonlinear Schrödinger Equation.	International Conference on Numerical Optimization in Engineering and Sciences (NOIEAS)	National Institute of Technology Warangal, India	June 19-21,2019
2019	Integrability of deformed nonlinear partial differential equations	22 nd Ramanujan Symposium- National Conference on Pure and Applied Mathematics	Ramanujan Institute for Advanced Study in Mathematics, University of Madras, Chennai	March 06-08,2019

5.4 VIDWAN ID: 506264 & <https://vidwan.inflibnet.ac.in/profile/506264>

5.5 Research Identification* (IF ANY)

Orcid ID: 0000-0003-0631-0918	Researcher ID: E-6430-2019
SCOPUS ID: 57195986597	Google Scholar ID: gdq9NfEAAA AJ

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6. MOOC Course Details

S.No.	Name of the Course	Roll No.	Name of the Organizer	Duration
1.	Advanced Linear Algebra	NPTEL23MA17S 64900284	NPTEL,Swayam	12 Weeks Jan-Apr, 2023
2.	Applied Linear Algebra in AI and ML	NPTEL23MA31S 54900767	NPTEL,Swayam	12 Weeks Jan-Apr, 2023
3.	Introduction to Abstract and Linear Algebra	NPTEL21MA44S 24560630	NPTEL,Swayam	8 Weeks Aug-Oct, 2021
4.	Computational Mathematics with SageMath	NPTEL21MA29S 12500176	NPTEL,Swayam	8 Weeks Jan-Mar, 2021
5.	Algebra-II	NPTEL21MA32S 24460017	NPTEL,Swayam	12 Weeks Jan-Apr, 2021