

## Profile

Name : S. Daniel  
Date of Birth : 20-11-1994  
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Mobile No. : 7010072324  
Designation : Assistant Professor  
Department : Mathematics  
Area of Specialization : Mathematical Modelling , Solution for Non-Linear Differential Models



### Academic details:

S.No.	Degree	University/ College	Branch	Month & year of Completion	CGPA/ Percentage/ Class
1	Ph.D.	SRM University	Mathematics	Pursuing	
2	M.Phil.,	J.J. College of Arts and Science, Bharathidasan University	Mathematics	May 2018	9.0
3	TNSET-2017	Mother Teresa University	Mathematics	September 2017	CLEARED
4	M.Sc.,	Madras Christian College, University of Madras	Mathematics	May 2017	7.0
5	B.Sc.,	Madras Christian College, University of Madras	Mathematics	May 2015	7.5

### Experience:

S.No.	College	From	To	Duration
1	CPA College	17-08-2022	Till	2 Years 3 Days
2	St. Joseph's College (Arts and Science)	12-12-2018	21-12-2020	2 Years 10 Days

### Details of the Orientation and Refresher Courses attended:

S.No.	Course	Academic Staff College	Period
1	Other	Swayam - Online Course by (CEC)	12 weeks
2	Short Term Course	Hindustan Institute of Technology, Coimbatore	One week

### List of Publications:

1. S. Daniel, " Approximate Analytical Expression of Facilitated Propylene- Propane by Homotopy Perturbation Method", AIP Conference Proceedings, 3rd International Conference on Mathematical Techniques and Applications (e-ICMTA-2022) AIP Conf. Proc. 2852,, 31/08/2023 - 02/09/2023, page no. 8.
2. S. Daniel and M. Jayaraman, " Fuzzy Weakly Compact Continuous Functions", Global Journal of Mathematical Sciences: Theory and Practical, Volume 10, Number 1 (2018), ISSN 0974-3200, page no. 31-35.

## Participation:

1. National level Faculty Development Programme on " FOUNDATIONAL SCIENCES : THE CORNERSTONES OF ENGINEERING ", August 8-9, 2024, SPHOORTHY ENGINEERING COLLEGE, HYDERABAD..
2. National level Webinar on " NATIONAL INTELLECTUAL PROPERTY AWARENESS MISSION ", August 6, 2024, INTELLECTUAL PROPERTY OFFICE, Tamil Nadu.
3. International level Webinar on " Recent Progress in Mathematical Sciences ", March 14, 2024, Government Engineering College, Bhojpur, Bihar.
4. International level Faculty Development Programme on " Exploring Innovation in Mathematical Modeling and Applications ", March 4-8, 2024, SRM Institute of Science and Technology, Thrichirapalli.
5. National level Online Faculty Development Programme on " Data Driven Mathematical and Statistical Models ", 27/02/2024 - 02/03/2024, St. Joseph's College Arts and Science , Chennai.
6. National level Faculty Development Programme on " Recent Trends in Mathematical Modelling and its Applications ", 26/02/2024 - 01/03/2024, SRM Madurai College of Engineering and Technology, Madurai.
7. National level Faculty Development Programme on " E- CONTENT DEVELOPMENT ", February 12-16, 2024, SRI G.V.G.VISALAKSHI COLLEGE FOR WOMEN, , UDUMALPET..
8. International level Workshop on "Recent Trends in Mathematics and Technology ", October 9-14, 2023, OP JINDAL UNIVERSITY,, RAIGARH, CHHATTISGARH.
9. University level Webinar on " PERFECTING THE ART OF WRITING RESEARCH PAPER ", September 22, 2023, SRM Institute of Science and Technology, Vadapalani City Campus, Vadapalani, Chennai .
10. International level Faculty Development Programme on " INNOVATION & ENTREPRENEURSHIP ", September 11-15, 2023, Cauvery College for Women (Autonomous), Trichy - 620018.
11. State level Faculty Development Programme on " RECENT ADVANCES IN APPLIED MATHEMATICS ", September 4-8, 2023, Sri Manakula Vinayagar Engineering College, Madagaipet, Puducherry.
12. International level Faculty Development Programme on " Recent Trends in Graph Theory and Mathematical Modeling ", June 12-16, 2023, Mohamed Sathak A.J. College of Engineering, Keelakarai.
13. State level Workshop on " Intellectual Property Right ", February 22, 2023, Technology Information Forecasting and Assessment Council, Cardamom Planters' Association College.
14. National level Webinar on " ", October 27, 2022, Jayaraj Annapakiyam College for Women (Autonomous), Madurai.
15. International level Webinar on "EMERGING TRENDS IN MATHEMATICS ", September 13, 2022, Jayaraj Annapakiam College for Women (Autonomous), Periyakulam, Theni - 625601, Tamil Nadu, India.
16. National level E-Quizzes on " Low Cost Access to High Quality Education ", February 20, 2022, V. H. N. SENTHIKUMARA NADAR COLLEGE, VIRUDHUNAGAR.
17. International level Workshop on " Numerical and Analytical Techniques in Engineering Problems ", January 19-21, 2022, SRM Institute of Science and Technology, Katankulathur, Chennai.
18. National level Workshop on " Recent Development in Mathematical Modelling in Engineering Sciences ", 27/12/2021 - 01/01/2022, National Institute of Technology, Uttarakhand.
19. University level Online Workshop on " Algebra and Analysis ", December 13-18, 2021, SRM Institute of Science and Technology, Katankulathur, Chennai.
20. National level Online Faculty Development Programme on " Quality Enhancement of Research in HEI's ", September 23-25, 2021, PSGR Krishnammal College for Women, Coimbatore.
21. University level Research Day on " Analytical Solutions to Mathematical Models ", March 1, 2021, SRM Institute of Science and Technology, Katankulathur, Chennai.
22. E-Quizzes on " Graph Theory ", June 27, 2020, St. Joseph's College (Arts and Science), Chennai.
23. National level E-Quizzes on " Linear Algebra ", February 26, 2020, St. Joseph's College (Arts and Science), Chennai.

## Presentation:

1. International level Conference on "DISCRETE MATHEMATICS AND COMPUTATIONAL TECHNIQUES ", August 14, 2024, HAJEE KARUTHA ROWTHER HOWDIA COLLEGE, , UTHAMAPALAYAM, THENI, TAMIL NA., presented title as " ANALYTICAL SOLUTIONS TO CHEMICALLY INDUCED MICRO REACTOR MODELS".
2. Symposium on "Dr. Parivender Research Colloquium ", March 26-28, 2024, SRM Institute of Science and Technology, Kattankulathur, Chennai., presented title as " Analytical Solution for carbohydrates oxidation by oxygen catalyzed by bienzyme glucose dehydrogenase/laccase system immobilized into microreactor with carbon nanotubes Model".
3. National level Conference on "INCMPCA - 2024 ", February 8-9, 2024, Sri Bharathi Arts and Science College for Women, Pudukkottai., presented title as " Analytical Approximation Solution for mathematical modelling of highly sensitive enzyme biosensor kinetics".
4. National level Conference on "Application of Mathematics in Digital Era ", October 6, 2023, Hajeer Karutha Rawrher Howdia College, , Uthamapalayam., presented title as " Outbreak of disease using Analytical Solutions".
5. International level Conference on "e-ICMTA-2022 ", March 23-25, 2022, SRM Institute of Science and Technology, Katankulathur, Chennai., presented title as " Approximate analytical expression of facilitated propylene- propane by Homotpy Perturbation Method".

## Membership :

1. External Examiner - Exam paper valuation, 2024-07-22 (ONE YEAR), Madurai Kamaraj University
2. External Examiner - Exam paper valuation, 2023-07-25 (ONE YEAR), Madurai Kamaraj University
3. Member - Board of Question Settings, 2023-10-28 (ONE YEAR), AVS College of Arts & Science (Autonomous), Attur Main Road, Ramalingapuram, Salem-636 106,