

Profile

Name : S. Daniel
Designation : Assistant Professor
Date of Birth : 20-11-1994
Address (Residential) :
Email : smdani1994@gmail.com, daniel.s@cpacollege.org
Mobile No. : 7010072324
Department : Mathematics
Area of Specialization : Mathematical Modelling, Non Linear Dynamics, Analytical Solutions

Academic Details

S.No.	Program	Branch	University/ College	Month & Year	CGPA/ %/ Class
1	M.Phil.	Mathematics	J. J. College of Arts and Science	May 2019	9.0
2	SET	Mathematics	Mother Teresa Women's University	Sep 2017	Cleared
3	M.Sc.	Mathematics	Madras Christian College	May 2017	7.2
4	B.Sc.	Mathematics	Madras Christian College	May 2015	7.6
5	HSC		Muthiah Alagappa Matriculation Higher Secondary School	Mat 2012	7.6
6	SSLC		Muthiah Alagappa Matriculation Higher Secondary School	Mat 2010	7.9

Massive Open Online Course (MOOC)

S.No.	Course Provider	Course Name	Pass Percentage / Grade	Exam Month & Year
1	SWAYAM	Descriptive Statistics	78	October 2023

Career Profile

S.No.	College	Designation	Type	From	To	Experien
1	C.P.A. College, Bodinayakanur — Arts & Science College	Assistant Professor	Permanent	17-08-2022	Present	4 Years 1 M Days
2	St. Joseph's College (Arts and Sci- ence)	Assistant Professor	Temporary	12-12-2018	21-12-2020	2 Years 10

Faculty Development Programmes

1. Faculty Development Programme on “Challenges of Research in Higher Education”, 25/09/2026 - 26/09/2026, Institutional Biotech Hub, Namrup College (sponsored by the Department of Biotechnology, Government of India) in collaboration with the Internal Quality Assurance Cell (IQAC), Namrup College.
2. Faculty Development Programme on “EMERGING TRENDS IN QUANTUM AI & NEXT GENERATION COMPUTING”, 21/09/2026 - 25/09/2026, St. JOSEPH'S COLLEGE (ARTS & SCIENCE).
3. Faculty Development Programme on “Advancing Teaching Excellence Through Artificial Intelligence and Cybersecurity”, 17/08/2026 - 21/08/2026, St. Joseph's College Arts and Science.
4. Refresher Course on “Transforming Higher Education in the Digital Age: Innovation, Research and Academic Excellence”, 23/06/2026 - 07/07/2026, Malaviya Mission Teacher Training Programme (MM-TTP) of University Grants Commission (UGC) Organized by “MM-TTC : Ramanujan College, Delhi” In collaboration with Govt. College Alewa (Jind).

5. Faculty Development Programme on “AI Driven Innovations in Allied Health Through Computer Technologies”, 08/04/2026 - 15/04/2026, St. Joseph’s College Arts and Science.
6. Faculty Development Programme on “Research Ethics and data Analysis Using AI Tools”, 17/02/2026 - 23/02/2026, St. Joseph’s College Arts and Science.
7. Faculty Development Programme on “Interdisciplinary Research Collaborations & Innovative Teaching Methods”, 24/12/2025 - 30/12/2025, DIGI SKILL DEVELOPMENT CENTRE & TRAINING INSTITUTE.
8. Faculty Development Programme on “Innovation in Pure Mathematics and their Pedagogical Implications”, 22/12/2025 - 27/12/2025, V.O. Chidambaram College.
9. Faculty Development Programme on “Mathematics for Sustainable Development in Research”, 24/09/2025 - 29/09/2025, St. Joseph’s College Arts and Science.
10. Faculty Development Programme on “Network Creation and its Application View in Graph Theoretical Approach”, 22/09/2025 - 29/09/2025, V. V. VANNIPERUMAL COLLEGE FOR WOMEN.
11. Faculty Development Programme on “Emerging Trends and Challenges in Cyber Security”, 25/08/2025 - 30/08/2025, KKr & KSR Institute of Technology and ScienceGu.
12. Faculty Development Programme on “Indian Knowledge System Integration in Curriculum & Research: Prospects and Possibilities”, 24/07/2025 - 31/07/2025, Research & Development Cell, Arul Anandar College (Autonomous), & A.C.T Academy, Kerala.
13. Faculty Development Programme on “Integrating AI Tools for Innovative Teaching and Research”, 21/07/2025 - 26/07/2025, Bharath Institute of Education and Research.
14. Faculty Development Programme on “The Digital Pulse: Exploring the Core of Emerging Technologies”, 14/07/2025 - 18/07/2025, Shri Ramswaroop Memorial University.
15. Faculty Development Programme on “Microsoft Digital Skills”, 23/06/2025 - 28/06/2025, Tamil Nadu Skill Development Corporation through Naan Muthalvan faculty training scheme conducted by Madurai Kamaraj University.
16. Orientation Programme on “UGC-Sponsored Eighteenth Faculty Induction Programme”, 07/05/2025 - 03/06/2025, UGC-MMTTC, Bharathidasan University.
17. Faculty Development Programme on “Exploring new Frontiers in Pure and Applied Mathematics : Unveiling Complexity”, 24/02/2025 - 03/03/2025, PSGR Krishnammal College for Women.
18. Faculty Development Programme on “Elevating Education through Faculty Development”, 17/02/2025 - 22/02/2025, Sri G. V. G. Visalakshi College for Women.
19. Faculty Development Programme on “Mathematical Foundation of Artificial Intelligence and Machine Learning”, 03/02/2025 - 07/02/2025, Department of Mathematics, Sacred Heart College (Autonomous) in collaboration with maths Division, Department of Science and Humanities, Jerusalem College of Engineering (Autonomous), Chennai.
20. Faculty Development Programme on “Mathematical Foundation of Artificial Intelligence and Machine Learning”, 03/02/2025 - 07/02/2025, Sacred Heart College (Autonomous).
21. Faculty Development Programme on “Beyond Boundaries: Driving Innovation in Research”, 26/12/2024 - 30/12/2024, Committee for Research Ethics, Publication & IPR, Auxilium College (Autonomous), Gandhi Nagar, Vellore in Collaboration with North East Institute of Social Sciences & Research, Dimapur, Nagaland.
22. Faculty Development Programme on “Chalkboard to Chatbot – An Impact of AI Tools in Teaching and Learning”, 23/12/2024 - 27/12/2024, KS Rangasamy College of Arts and Science (Autonomous).
23. Faculty Development Programme on “Data driven Decision Making: Applied Algebra, Integrating Statistical Methods and Data Science in Research”, 23/09/2024 - 27/09/2024, St. Joseph’s College Arts and Science.
24. Faculty Development Programme on “Exploring Artificial Intelligence in Trading technologies”, 09/09/2024 - 13/09/2024, DMI College of Engineering.

25. Faculty Development Programme on “Exploring New Horizons in Mathematical Research”, 19/08/2024 - 24/08/2024, V.O. CHIDAMBARAM COLLEGE.
26. Faculty Development Programme on “FOUNDATIONAL SCIENCES : THE CORNERSTONES OF ENGINEERING”, 08/08/2024 - 10/08/2024, SPHOORTHY ENGINEERING COLLEGE.
27. Faculty Development Programme on “Exploring Innovation in Mathematical Modeling and Applications”, 04/03/2024 - 08/03/2024, SRM Institute of Science and Technology.
28. Faculty Development Programme on “Data Driven Mathematical and Statistical Models”, 27/02/2024 - 03/03/2024, St. Joseph’s College Arts and Science.
29. Faculty Development Programme on “Recent Trends in Mathematical Modelling and its Applications”, 26/02/2024, SRM Madurai College of Engineering and Technology.
30. Faculty Development Programme on “INNOVATION & ENTREPRENEURSHIP”, 11/09/2023 - 15/09/2023, Cauvery College for Women (Autonomous).
31. Faculty Development Programme on “RECENT ADVANCES IN APPLIED MATHEMATICS”, 04/09/2023 - 08/09/2023, Sri Manakula Vinayagar Engineering College.
32. Faculty Development Programme on “Recent Trends in Graph Theory and Mathematical Modeling”, 12/06/2023 - 16/06/2023, Mohamed Sathak A.J. College of Engineering.
33. Faculty Development Programme on “Quality Enhancement of Research in HEI’s”, 23/09/2021 - 27/09/2021, PSGR Krishnammal College for Women.

Award / Fellowship

S.No.	Award / Fellowship Name	Provider	Date
1	BHARAT RATNA ICONIC EXCELLENCE AWARD 2026	JIVRAN FOUNDATION	04/09/2026

Achievements

1. Completed the HP LIFE online course Critical Thinking in the AI Era.
2. Completed a course “AI for All” offered by Intel Technology India Private Limited through Skill India Digital Hub.
3. Completed C Programming for Beginners: Complete C Programming Fundamentals Course conducted by GUVI in collaboration with HCL and Google for Education.
4. Completed ChatGPT for Everyone: Complete Generative AI & Prompt Engineering Course conducted by GUVI in collaboration with HCL and Google for Education.
5. Completed Introduction to Generative AI organised by Simpli Learn in collaboration Google Cloud.
6. Completed SOAR - AI for Educators certification offered by Skill India programme and the National Council for Vocational Education and Training (NCVET).
7. Completed Unlocking AI for Everyone (Beginner) certification offered by the Skill India programme and the National Council for Vocational Education and Training (NCVET).
8. Completed a course “AI-Data Engineering Analyst” offered by NATIONAL ASSOCIATION OF SOFTWARE AND SERVICE COMPANIES through Skill India Digital Hub.
9. Editorial Board Member of Global Journal of Mathematical Sciences: Theory and Practical (GJMS) ISSN: 0974-3200.

Subjects Handled

- Abstract Algebra
- Advanced Algebra
- Automata Theory
- Basic of Analysis
- Data Science using SPSS
- Fundamentals of Statistics
- Programming in C
- Python Programming

Project Guided

S.No.	Name	No. of Students
1	M.Sc. Mathematics	03
2	B. Sc. Mathematics	03

Publication in Journal

1. S. Daniel, “Mathematical Analysis of Non-Steady-State Immobilized Glucose Dehydrogenase Glucose and Oxygen-Driven Reactions in Spherical Microreactors”, *Mathematical and Computational Applications*, Volume 31, Issue 3, June 2026.
2. S. Daniel, “Mathematical Modeling and Analysis of Immobilized Glucose Dehydrogenase Glucose and Oxygen-Driven Reactions in Spherical Micro-reactors”, *EUROPEAN JOURNAL OF PURE AND APPLIED MATHEMATICS*, Volume 18, Issue 3, August 2025, ISSN: 1307-5543.
3. S. Daniel, “Approximate analytical expression of facilitated propylenepropane by homotopy perturbation method”, *AIP Conference Proceedings 2852*, 110004 (2023), 2023/August, Page No. 110004-1 to 110004-7.
4. S. Daniel, “Fuzzy Weakly Compact Continuous Functions”, *Global Journal of Mathematical Sciences: Theory and Practical.*, Volume 10, Issue 1(2018), 2018/November, ISSN: 0974-3200, Page No. 31-35.

Research Network Links

S.No.	Name	ID	URL
1	Scopus	59077042000	https://www.scopus.com/authid/detail.uri?authorId=59077042000
2	ORCID	0009-0001-9248-1205	https://orcid.org/0009-0001-9248-1205

Position held

1. Member, Fine Arts Club, 09/12/2025 to Present, C.P.A. College, Bodinayakanur — Arts & Science College.
2. Assistant Coordinator, Career Guidance & Placement Cell, 01/08/2025 to Present, C.P.A. College, Bodinayakanur — Arts & Science College.
3. Member, E-content Development Cell, 01/12/2024 to Present, C.P.A. College, Bodinayakanur — Arts & Science College.
4. Member, NAAC, 01/11/2024 to Present, C.P.A. College, Bodinayakanur — Arts & Science College.
5. Member, Magazine Committee, 01/07/2024 to Present, C.P.A. College, Bodinayakanur — Arts & Science College.

Resource Person

1. State Level Workshop on, “Scilab and its application in Applied mathematics”, 30/09/2025, Department of Mathematics, Marry Matha College, Periyakulam, Theni. On the theme “Scilab and its application in Applied mathematics”.

Paper Presentation

1. International Conference on, “International Conference on Computing Technologies, Innovations & Real World Applications”, 18/12/2025 - 19/12/2025, Theni Kammavar Sangam College of Arts and Science College, Koduvilarpatti, Theni on the topic “Mathematical Modelling of chemically induced Micro reactors and Biosensors”.
2. International Conference on, “DISCRETE MATHEMATICS AND COMPUTATIONAL TECHNIQUES”, 14/08/2024, HAJEE KARUTHA ROWTHER HOWDIA COLLEGE, UTHAMAPALAYAM, THENI, TAMIL NADU on the topic “ANALYTICAL SOLUTIONS TO CHEMICALLY INDUCED MICRO REACTOR MODELS”.
3. Webinar on, “Dr. Parivender Research Colloquium”, 26/03/2024 - 28/06/2024, SRM Institute of Science and Technology, Kattankulathur, Chennai on the topic “Analytical Solution for carbohydrates oxidation by oxygen catalyzed by bienzyme glucose dehydrogenase/laccase system immobilized into microreactor with carbon nanotubes Model”.
4. International Conference on, “INCMPCA-24”, 08/02/2024 - 09/02/2024, Sri Bharathi Arts and Science College for Women, Kaikkurichi, Pudukottai on the topic “ANALYTICAL SOLUTION FOR MATHEMATICAL MODELLING OF HIGHLY SENSITIVE ENZYME BIO SENSOR KINETICS”.
5. State Level Conference on, “Application of Mathematics in Digital Era”, 06/10/2023, Hajeer Karutha Rawther Howdia College, Uthamapalayam on the topic “Outbreak of disease using Analytical Solutions”.
6. International Conference on, “e-ICMTA-2022”, 23/03/2022 - 25/03/2022, SRM Institute of Science and Technology, Kattankulathur, Chennai on the topic “Approximate analytical expression of facilitated propylene-propane by Homotopy Perturbation Method”.

Participations

1. National Workshop on, “NATIONAL-LEVEL ONLINE HANDS-ON WORKSHOP ON MATLAB & SCILAB”, 15/12/2025 - 17/12/2025, IQAC, Department of Mathematics, Sonari College, Assam, Indian Mathematics Professors Association and Infinity Research & Development Institute, Coimbatore, Coimbatore.
2. National Workshop on, “National Level online Hands on workshop on Mastering LaTeX & Scientific Sketching”, 12/11/2025 - 14/11/2025, INDIAN MATHEMATICS PROFESSORS ASSOCIATION & INFINITY RESEARCH & DEVELOPMENT INSTITUTE, Coimbatore.
3. State Level Seminar on, “The role of Graph theory in Various Fields”, 18/06/2025, Department of Mathematics, Dr. M.G.R. Educational and Research Institute, Maduravoyal, Chennai.
4. State Level Workshop on, “Basic Statistics”, 16/06/2025 - 20/06/2025, Center for Statistics, SRM Institute of Science and Technology, Kattankulathur, Chennai.
5. International Seminar on, “Indian Knowledge System”, 12/03/2025 - 13/03/2025, B.M.S. College for Women (Autonomous), Bengaluru.
6. State Level Webinar on, “NATIONAL INTELLECTUAL PROPERTY AWARENESS MISSION”, 06/08/2024, INTELLECTUAL PROPERTY OFFICE, Tamil Nadu.
7. State Level Webinar on, “Recent Progress in Mathematical Sciences”, 14/03/2024, Government Engineering College, Bhojpur, Bihar.
8. State Level Webinar on, “PERFECTING THE ART OF WRITING RESEARCH PAPER”, 22/09/2023, SRM Institute of Science and Technology, Vadapalani City Campus, Vadapalani, Chennai.

Question Paper Settings

S.No.	College / University details	Program	Subject / Paper Name	Exam D
1	NANDHA ARTS AND SCIENCE COLLEGE (AUTONOMOUS)	B.Sc. COMPUTER SCIENCE	MATHEMATICAL STRUCTURES FOR COMPUTER SCIENCE	November
2	NANDHA ARTS AND SCIENCE COLLEGE (AUTONOMOUS), ERODE	B.Sc. COMPUTER SCIENCE (AI & DATA SCIENCE)	LINEAR ALGEBRA AND NEURAL NETWORKS	November
3	Nadar Saraswathi College of Arts and Science (Autonomous)	B.Sc. Maths	Industry Module – Industrial Statistics	April- 202
4	Nadar Saraswathi College of Arts and Science (Autonomous)	M.Sc. Mathematics	Algebra II and Real Analysis II	April 202
5	AVS COLLEGE OF ARTS & SCIENCE (Autonomous)	B.Sc. Mathematics	DIFFERENTIAL CALCULUS and BRIDGE MATHEMATICS	Nov/Dec

Evaluation of Exam Papers

1. External Practical Examiner, Hajee Karutha Rowther Howdia College, March 2026.
2. Naan Muthalvan, Theni Arts and Science College, April 2026.
3. B.Sc., Mathematics, Madurai Kamaraj University, June 2025.
4. B.Sc. Mathematics, Madurai Kamaraj University, April 2024.