

STAFF PROFILE

- 1) Name : Dr. Sr. Selvi. A
2) Department : Mathematics
3) Designation : Assistant Professor
4) Address

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7) Academic Qualifications:

Qualification	Programme	University	Year
Ph.D.	Mathematics	Bharathiar University	2017
M. Phil.	Mathematics	Bharathiar University	2011
PG	Mathematics	Bharathiar University	2010
UG	Mathematics	Bharathiar University	2006

8) Career profile:

Organization	Designation	Duration
Providence College for Women	Assistant Professor	2011-2024 (SF) 2024 onwards (Aided)

9) Participation in Orientation Programme / Refresher Course / Short term course / FDP

S.No.	Participation	Organization	Date	Days
1	Faculty Development Programme on R- Programming	Sri Krishna Arts and Science College, Coimbatore	19.4.2020 to 24.4.2020	6
2	Faculty Development Programme on Fuzzy Sets and Fuzzy Systems	Patrician College of Arts and Science College, Chennai	16.5.2020	1
3	Faculty Development Programme on Graph Theory- Research View	Nirmala College for Women, Coimbatore	26.5.2020	1
4	Faculty Development Programme on A Paradigm Shift for Strategic Enhancement of Higher Education in India	Rajapalayam Rajus' College, Rajapalayam	08.06.2020 to 15.06.2020	7
5	Faculty Development Programme on Mathematics using Python	St.Joseph's College of Arts and Science for Women, Hosur	17.6.2020 & 18.6.2020	2
6	Faculty Development Programme on “Software tools for Mathematical Education”	Department of Mathematics, Bannari Amman Institute of Technology, Sathyamangalam and Providence College for Women, Coonoor	30.8. 2021 to 5.9.2021	7
7	Faculty orientation on “OBE - Exploring New Frontiers in Education”	Providence College for Women, Coonoor	8.10.2021	1
8	Five days Faculty	PG & Research Department of	18-08-2025 to 22-08-2025	5

Development Programme on “Theoretical Foundations and Emerging Horizons in Quantum Computing”	Mathematics and Department of Computer Science, Sacred Heart College (Autonomous), Tirupattur		
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10) Research Publications:

- A. Selvi. Normality and Regularity in Soft Ideal Spaces, Mathematics and Computer Science: Contemporary Developments, BP International 4 (8), 978-93-48006-00-4(2024).121-136.
- Selvi. A, Jenita Nancy .C and Arokia Lancy. A , Semi Star Generalized Closed Sets In Vague Bitopological Space, 2nd International Conference on Mathematical Techniques and Applications, AIP Conference Proceedings 2516, 190007 (2022), 1–12.
- A.Selvi and A. ArokiaLancy, New Types of Compact Modulo an Ideal, The International Journal of Analytical and Experimental Model Analysis, 1(3), (2020), 2457-2465.
- A.Selvi, C.Jenita Nancy and A.ArokiaLancy, Vague $\tau_1\tau_2$ -semi- α -open sets and Vague $\tau_1\tau_2$ -semi- α -compactness in vague bitopological spaces, 11(1) (2020), 320-331.
- I. Arockiarani and A. Selvi, New type of connectedness in ideal topological spaces, Asian Journal of Science and Technology 7(4) (2016),2797-2805.
- I. Arockiarani and A. Selvi, π -closure Local Functions in Ideal Topological Spaces, Elixir Appl. Math. 90 (2016) 37403-37409.
- A. Selvi and I. Arockiarani, On Soft Intg - Normality and Soft Intg – Regularity, Asian Journal of Applied Sciences, 04(01) (2016), 203-211.
- A. Selvi and I. Arockiarani, Soft Alexandroff Spaces in Soft Ideal Topological Spaces, International Journal of Applied Research, 6(3) (2016), 233-243.
- I. Arockiarani and A. Selvi, A note on π -continuous functions, Bulletin of Mathematics and Statistics Research, 4(2) (2015), 37- 44.
- I. Arockiarani and A. Selvi, On Soft Contra Intg -continuous Functions in soft topological Spaces, International Journal of Mathematics Trends and Technology,19 (1) (2015), 80-90

- I. Arockiarani and A. Selvi, On Soft slightly πg -continuous functions, Journal of Progressive Research in Mathematics, 3(2) (2015), 168-174.
- A. Selvi and I. Arockiarani, On Soft Almost πg -continuous functions, International Journal of Mathematics Research, 7(2) (2015), 109-123.
- I. Arockiarani and A. Selvi, Local functions on π -open sets in ideal topological spaces, Global Journal of Advanced Research, 2(11) (2015), 1757-1764.
- A. Selvi and I. Arockiarani, π -compatibility of τ with I in ideal topological spaces, International Journal of Applied Engineering Research, 10(24) (2015), 44206-44210.
- I. Arockiarani and A. Selvi, Soft πg -operators in soft topological spaces, International Journal of Mathematical Archive, 5(4) (2014), 37-43.
- I. Arockiarani and A. Selvi, Soft πg -continuous Functions and irresolute functions, International Journal of Innovation and Applied studies, 7 (2) (2014), 440-446.
- I. Arockiarani and A. Selvi, Pairwise- ψ^* -Open Sets in Bitopological Spaces, Antarctica Journal of Mathematics, 8(6), 469-479, 2011.
- I. Arockiarani and A. Selvi, Pairwise- ψ -Open Sets in Bitopological Spaces, International Journal of Mathematical Archive, 2(7), 1070–1076, 2011.

11) Conference / Seminar / Symposium / workshop organized

Year	Name of the Conference / Seminar / Symposium /workshop	Date From – To
2025	Talk on Self Awareness	30 th July
2024	Talk on Application of Mathematics and Exhibition on MATHPHYCHEM	21 st December
2020	National Level Online Webinar	30 th December
2020	Fluid Dynamics and Its Applications	6 th January
2019	Graph Theory	2nd September
2014	International Conference on Mathematics	4 th -5 th August

12) Presentation in Conference / Seminar / Symposium

International Level

- Department of Data Science and PG & Research Department of Computer Science, Providence College for Women (Autonomous), Coonoor, National Level Conference on Latest innovation in Science and Technology, 22.08.2025
- PG & Research Department of Mathematics, Nirmala College for Women (Autonomous), Coimbatore, International Level Conference on Modelling strategies in Mathematics (ICMCM-2025), 31.07.2025-01.08.2025
- Rajagiri School of Engineering &Technology, Kochi, Kerala, 79th Annual conference of Indian Mathematical Society, 28th -31st Dec, 2013.

National Level

- Madurai Kamarajar University, Madurai, “National conference on Ramanujan’s contributions and recent trends in mathematics sponsored by DST-New Delhi and NBHM-Mumbai”, 21st - 23rd Dec, 2015.
- Erode Arts and Science College, Erode, “UGC Sponsored National Conference on Computational and Applied Mathematics”, 6th Feb, 2015
- Nirmala College for Women, Coimbatore, “UGC Sponsored National Seminar on “Recent Advances in Fuzzy Mathematics and its Applications”, 5th & 6th July 2011.

13) Participation in Conference / Seminar / Symposium/Workshop

International Level

- Providence College for women, Coonoor, International Conference on Mathematics 2017, 4th -5th August 2017.
- Rajagiri School of Engineering &Technology, Kochi, Kerala, 79th Annual conference of Indian Mathematical Society, 28th -31st December, 2013.
- Loyola College, Chennai, International Conference on Artificial Neural Networks and e-Mathematical Learning, 23rd – 25th July 2012.

National Level

- PG & Research Department of Mathematics, Providence College for Women, Coonoor, Active learning using mathematical Software tools, 6.12.24 & 7.12.24
- PG & Research Department of Computer Science and Department of Data Science, Providence College for Women, Coonoor, National level workshop on MongoDB Database and Security,

9.082024

- Xavier Board of Higher Education in India, 24th Triennial Conference on Journeying with the Synodal Spirit through Networking and Academic Collaborations-Together in Communion, Participation and Mission, October 22-24, 2022.
- Maulana Azad National Urdu University, Hyderabad, UGC orientation workshop on Adoption, promotion and Production of MOOCS for SWAYAM platform, 31st Aug 2018.
- Christ University, Bangalore, Workshop on Aspects of Curriculum Development, 11th & 12th, July, 2018.
- Madurai Kamarajar University, Madurai, National conference on Ramanujan's contributions and recent trends in mathematics sponsored by DST-New Delhi and NBHM-Mumbai, 21st - 23rd Dec, 2015.
- Erode arts and Science College, Erode, UGC Sponsored National Conference on Computational and Applied Mathematics, Feb 6th, 2015
- Providence College for Women, Coonoor, TANCHE sponsored National seminar on Graph Theory and its Applications, 17th December 2012.
- Providence College for Women, Coonoor, NAAC sponsored two days National level seminar on Ethics and Morals - Need of the Hour in Quality Higher Education, 12th and 13th, July 2012.
- Nirmala College for Women, Coimbatore, UGC Sponsored National Seminar on Recent Advances in Fuzzy Mathematics and its Applications, 5th& 6th July 2011.

State Level

- Providence College for Women (Autonomous) Coonoor , Seminar on The role of IQAC in higher educational institutions: Issues & challenges on 03.01.2024
- Jyoti Nivas College Autonomous, Bengaluru, Karnataka, State level seminar on Mathematics is the Backbone of Artificial Intelligence on 25.09.2023
- Providence College for women, Coonoor, State level seminar on Cyber Security & Crypto Crime, 25th January 2023.
- Providence College for women, Coonoor, Orientation Programme organized by the IQAC cell on 5th & 6th January, 2023.
- Providence College for women, Coonoor, Organizational Resurgence workshop “ BLOSSOM 2022”, 16.11.2022 to 18.11.2022.
- Providence College for women, Coonoor, Seminar on Mindset Based Walk-through for Intellectual Property, 18.11.2021

- Kathir College of Arts & Science, Coimbatore, One day Workshop on Revised Assessment & Accreditation Framework of NAAC, 5th Jan 2019.
- Bharathiar University, Coimbatore, Workshop on NAAC revised Assessment & Accreditation(A&A) Framework, 3rd Feb2018.
- Nirmala College for Women, Coimbatore, Science Academies Lecture Workshop on New Vistas on Mathematical Modelling, 13rd& 14th August 2012

14) Resource person / Invited Speaker/Session Chair – Conference/Seminar/Workshop

- Went as resource person to deliver a lecture on "Methods' of effective and motivational Teaching" for the teachers held on the 26 of May 2022 at Sister Alphonsa CBSE school, Kundah.

15) Member of Board of studies

- Member of BOS, Providence College for Women, Coonoor. (2021onwards)

16) Institutional responsibilities

Academic Year	Name of the Committee/Activity	Co-ordinator/Member
2024 onwards	Admission Committee	Co-ordinator
2021 onwards	Governing Body Council	Member
2021 -2024	Controller of Examinations	Assistant Controller
2017-2021	IQAC	Member
2016- 2021	Student's Grievance Cell and Discipline Committee	Member
2015-2017	Golden Jubilee Committee	Member
2012 onwards	Management Committee	Member
2011- 2017	AICUF	Member
2011-2015	Library Committee	Member
2011-2015	Student Welfare Committee	Member

17) Other Highlights

- Attended 25 Webinars
- Attended 3 online workshop