

Name : Ms. S. Sahana
Designation : Lecturer
Department : Mathematics
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Qualifications:

Degree	Subject	College/ University	Year Completed
Ph.D.,	Mathematics	The American College, Madurai	Thesis Submitted on 12.04.2023
M.Sc.,	Mathematics	Bishop Heber College, Trichy	2016
B.Sc.,	Mathematics	Bishop Heber College, Trichy	2014

Specialisation of Research : Topology

Thesis Topic : Investigation on Emerging Trends in Modern Topology.

Subjects Handling :

- Operations Research
- Business Mathematics
- Business Statistics
- Mathematical Reasoning
- Developing Quantitative Aptitude

Awards / Fellowship :

- Received a scholarship as a full time scholar from the Department of Collegiate Education, Government of Tamilnadu as Rs.60000/- per year from 2018 to 2021.
- Received a Gold medal from Bharathidhasan University, Trichy for secured University First Rank for the academic year 2011-2014 UG.

Academic Credentials :**Publications:**

- Davamani Christofer. M, Sahana. S, “On new structure of Extended N-Topology”, *Journal of Applied Science and Computations*, ISSN NO: 1076-5131.Pg.No
- Sahana. S, Davamani Christofer. M, “A note on Soft order sets in Topological spaces”, *International Journal of Advanced Research in Engineering and Technology*, ISSN NO: 0976-6499, Volume 11, Issue 6, June 2020, Pg.No . 1300-1307.
- Sahana. S, Davamani Christofer. M, “A note on Generalized rough sets induced by Bitopological structure” *International Journal of Advanced Research in Engineering and Technology*, ISSN NO: 0976-6499, Volume 11, Issue 12, December 2020, Pg. No. 3589-3595.

Proceedings:

- Davamani Christofer. M, Sahana. S , “On new structure of Extended N-Topology ” in the proceedings of International Conference on Computing Sciences organized by the Department of Mathematics and Computer Science, Loyola College, Chennai on 16-17th November 2018.
- Sahana. S, Davamani Christofer. M, “A note on Generalized rough sets induced by Bitopological structure” in the proceedings of “International Conference on Mathematical, Computational intelligence and Engineering Approaches for Healthcare, Business and Tourism Analytics 2020 (22nd FAI-ICMCIE 2020(Webinar)) on 20-22nd December2020

Presentations in Conferences:

- Presented a paper entitled “On new structure of Extended N-Topology ” in the International Conference on Computing Sciences organized by the Department of Mathematics and Computer Science, Loyola College, Chennai on 16-17th November 2018.
- Presented a paper entitled “A note on Soft order sets in Topological spaces” in the International Conference on Algebra and Discrete Mathematics ICADM 2020 (Webinar)” organized by Madurai Kamaraj University(DDE) on 24-26th June 2020.

- Presented a paper entitled ““A note on Generalized rough sets induced by Bitopological structure” in the International Conference on Mathematical, Computational intelligence and Engineering Approaches for Healthcare, Business and Tourism Analytics 2020 (FAI-ICMCIE2020(Webinar)) on 20-22nd December2020.

Additional Proficiency :

- Completed three months certificate course in **LaTeX** offered by the Department of Mathematics, Bishop Heber College, Trichy in the year 2015.