

Basic Details:

- **Name: Dr.S.Poongothai**
- **Designation: Assistant Professor**
- **PhoneNumber: 9080360835**
- **EmailID: poongots@srmist.edu.in**
- **AreaorSubject: Mathematics**
- **Affiliation: SRM Institute of Science and Technology, Department of Mathematics, Ramapuram Campus, Chennai-600 089**

Educational Details:

- **Degree, University, Awarded Year**
 - **B.Sc –Queen Mary’s College, University of Madras, Chennai, 2003**
 - **M.Sc- Queen Mary’s College, University of Madras, Chennai, 2005**
 - **M.Phil – Queen Mary’s College, University of Madras, Chennai, 2011**
 - **Ph.D – SRM Institute of Science and Technology, Department of Mathematics, Ramapuram, 2021**

Research Interests: Fuzzy Evolutionary Algorithms

Publications:

[1] Poongothai, S., Dharuman, C., Venkatesan, P., (2016), Fuzzy Evolutionary Computing in Biological Data Mining, Global Journal of Pure and Applied Mathematics, 12(1) 306–309 (Scopus).

[2] Poongothai, S., Dharuman, C., Venkatesan, P., (2017), A Comparison of Fuzzy Genetic and Neuro Genetic Hybrid Algorithm for the Classification of Diabetes Disease, International Journal of Pure and Applied Mathematics, 113(11) 208–216 (Scopus).

[3] Poongothai, S., Dharuman, C., Venkatesan, P., (2017), Hybrid Evolutionary based Algorithms for classification of Biomedical Databases, International Journal of Pure and Applied Mathematics, 114(5), 201–209 (Scopus).

[4] Poongothai, S., Dharuman, C., Venkatesan, P., (2019), Application of Fuzzy Differential Evolutionary Algorithms in Biological Data Mining, International Journal of Scientific & Engineering Research, 10(1), 1379–1382 (WOS).

[5] Poongothai, S., Dharuman, C., Venkatesan, P., (2019), A Comparison of Fuzzy Rough sets and Fuzzy Evolutionary Classifiers using Medical Databases, International Journal of Innovative Technology and Exploring Engineering, 8(10), 4301–4304 (Scopus).

[6] Poongothai, S., Dharuman, C., Venkatesan, P., (2019), A Comparative Study of Hybrid Evolutionary based Algorithms with Machine Learning Classifiers for the Prediction of Medical Database, Journal of Physics:Conference Series, 1377,1–6. (Scopus)

[7] Poongothai, S., Leoni Sharmila, S., (2022), A Comparison of Fuzzy and ACO-Based Fuzzy for Classification of Bio-Medical Database, Proceedings of 2nd International Conference on Mathematical Modeling and Computational Science, 105-114 (Springer).

[8] Leoni Sharmila, S., **Poongothai, S.**, Disease Classification Using Particle Swarm Optimization with Fuzzy Neural Network, Proceedings of 2nd International Conference on Mathematical Modeling and Computational Science, 105-114 (Springer).

[9] Poongothai, S., Leoni Sharmila, S., (2022), Fuzzy Hybridization for Classification - A Comparative Study using Clinical Data Set, Indian Journal of Natural Sciences, Vol.13, Issue 75, 50028-33 (WOS).

Book Chapter Publication

Poongothai, S., Leoni Sharmila, S., (2022), Fundamental Concepts of Soft Computing, *Fundamentals of Applied Mathematics and Soft Computing* ISBN: 978-81-953432-5-6, 47-76.

Academic Experience:

- SRM Institute of Science and Technology, Assistant Professor (OG) Jul 2012 – till date
- Jaya College, Assistant Professor Jun 2011 – Jun 2012

Other Professional Experience:

Scientific Publishing Services Pvt. Ltd. (Elsevier Journals)

Faculty and Quality Controller (2005-2010)

Other Details:

Achievements and Awards:

- Received Award for University First Rank in B.Sc Mathematics.
- Received Award for University First Rank in M.Phil Mathematics.

Memberships:

- Indian Science Congress

➤ International Association of Engineers

Please send in your latest PASSPORT SIZE photograph.



Some examples of standard faculty profiles from other institutions:

- <http://isb.edu/faculty/facultydir.aspx?ddIFaculty=246>
- <http://engineering.stanford.edu/research/layout.php?sunetid=cfarhat>
- <http://public.tepper.cmu.edu/facultydirectory/FacultyDirectoryProfile.aspx?id=95>