

Name : Prabha K R

Designation : Assistant Professor

Department : Computer Science

Qualification : M.Sc-IT (Ph.D)

Experience : Teaching: 1 year Industry: 1 Year

Area of Specialization(s) : Advanced Networking

Email (Official ID) :prabha.kr@drngpasc.ac.in



Academic Qualifications

Degree	Branch	Institution / University Name	Year of Graduation
Ph.D.	Computer Science	Gobi Arts & Science College	Pursuing
M Sc	Information Technology	Kongu Engineering College	2009
B Sc	Information Technology	Kongu Engineering College	2006

Research Publications

International

1. Mrs. K. R. Prabha, Dr. B. Srinivasan, **“TNDRM: Data Normalization Using Uncovering Complex Data Structures With Topological Nonlinear Dimensionality Reduction Using Manifold Learning”**. Tuijin Jishu/Journal of Propulsion Technology ISSN: 1001-4055 Vol. 44 No. 3 (December 2023), (Published in Scopus)
2. Mrs. K. R. Prabha, Dr. B. Srinivasan, **“Regularized Feature Selection for Improved DDos Attack Detection a Recursive Variable Elimination Approach Using Least Absolute Shrinkage and Selection”**, Journal of Basic Science and Engineering, ISSN: 1005-0930, Vol. 21, No. 1, (2024), (Published in Scopus).
Mrs. K. R. Prabha, Dr. B. Srinivasan, **“CI-IDS: Crowd Intellect-based Approach for Intrusion Detection in Wireless Sensor Networks”**, Indian Journal of Natural Science, ISSN: 0976 – 0997, Vol.14 / Issue 77 /April / 2023. (Published in UGC).

Other Publications: International / National Journals

1. Mrs. K. R. Prabha, Dr. B. Srinivasan, “**A Comprehensive Analysis of Intrusion Detection Systems in Wireless Sensor Networks**”, ISSN: 2455-930X, Volume: 05 Issue: 2 | October- 2022.
2. Mrs. K. R. Prabha, Dr. B. Srinivasan, “**Hybrid Machine Learning Techniques For Detecting Intrusion Detection Systems and Analyzing The Trust- Based WS**”, ISSN [ONLINE]: 2395-1052, IJSART - Volume 9 Issue 3 – MARCH 2023.
3. Mrs. K. R. Prabha, Dr. B. Srinivasan, “**Deep Learning For Enhanced DDos Attack Detection Utilizing Improved Resnet Algorithm For Robust Network Security**”. ISSN 2582-7421, Vol (5), Issue (3), March (2024), Page – 5752-5757.
4. Mrs. K. R. Prabha, Dr. B. Srinivasan, “**Enhanced DDos Attack Detection using Improved Deep Learning Convolutional Neural Networks**”. E-ISSN: 2583-1062, Vol. 04, Issue 03, March 2024, pp: 718-724.
5. Mrs. K. R. Prabha, Dr. B. Srinivasan, “**Shielding Networks Robust Support Vector Machine -Based Approach for Detecting and Mitigating DDos Attacks**”. E-ISSN: 2582-5208, Volume: 06/Issue: 03/March-2024.

Presentations in Conference

1. Survey on Vulnerability of 4G/LTE Network Security and Enhancement, Nallamuthu Gounder Mahalingam College, Pollachi, 27/10/2021.
2. Security in SDN-Based IoT Networks, Sree Saraswathi Thyagaraja College, National Conference on Advanced Computing and Recent Trends, Coimbatore, 17/12/2022.