

M.MeenaKrithika

Assistant Professor

Department of Computer Science

NGM College, Pollachi

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Educational Qualification:

Ph.D	2019	Nallamuthu Gounder Mahalingam College, Pollachi
M.Phil (CS)	2012	Nallamuthu Gounder Mahalingam College, Pollachi
M.SC (CS)	2011	Bharathiar University, Coimbatore
B.Sc(CS)	2009	Bharathiar University, Coimbatore.
HSC	1995	MPL Girls Higher Secondary School, Pollachi.
SSLC	1993	MPL Girls Higher Secondary School, Pollachi.

Total Teaching Experience : 14 years (From 2013 to till date)

Nallamuthu Gounder mahalingam College, Pollachi

Research:

Ph.D (Pursuing)

University : Bharathiar University

Research Supervisor : Dr. E. RamaDevi

Associate Professor,

Department of Computer Science

NGM College, Pollachi.

Year of Completion : 2024

Thesis Title : Malware Detection and Classification using
Enhanced machine learning

MPhil

University : Bharathiar University
 Research Supervisor : Dr.AntonySelvadossThanamani,
 Associate Professor and Head,
 NGM College, Pollachi.
 Year of Completion : October 2012
 Thesis Title : Text Clustering with Seeds Affinity Propagation

Area of Interest

Data Mining & Warehousing
 Big Data Analytics
 Machine Learning
 Artificial Intelligence
 Python Programming

Seminar, Conference, Symposium and workshops attended

Seminar		Conference		Workshops		Symposium		Webinars		FDP	
National	International	National	International	National	International	National	International	National	International	National	International
8	9	8	2	6	1	4	1	17	10	12	9

Papers Presented

- Presented a paper on “Graded Permission based feature set for Malicious Android Applications” at an International Conference on Emerging Trends in Science and Technology (ETIST – 2021) organized by Department of Biological Science, Physical Science and Computational Science on 27.10.2021
- Presented a paper entitled “ Analysis and Performance of various Data Mining Techniques used for Malware Detection and Classification” at International Conference on “Innovation in Computer Networks, Computational Intelligence and IOT” on 25th and 26th June 2021, organized by St. Martin’s Engineering College, Dhulapally, Secunderabad, Telungana
- Presented a paper entitled “ Comparison of various malware detection techniques using data mining”, International Conference on Artificial Intelligence and its impact

on Transforming Business Processes organised by Rathinam College of Arts and Science in collaboration with Malaysia University on 21st and 22nd May 2021

- Presented a paper entitled “A novel portable executable malware detection using random forest with feature set generation algorithm (RF-FSGA), International Conference on Finance & Business Analytics (ICFBA 2021) on 21.05.2021 at Christ University, Lavasa Campus, Pune
- Presented a paper entitled as “Analysis & Survey On Machine Learning Algorithms in Different Data Mining Process”, Proceedings in National Conference on Advanced Computing Department of Computer Science, Bharathiar University, Coimbatore, 23rd and 24th Jan 2020
- Presented a paper entitled as “An analysis of machine learning models with deep learning techniques for malware investigation procedures and tools: a comparative assessment” in DLCIS’ 24 Conference, NGM college 10th and 11th January 2024.

Papers Published in the Journal

- Published a paper on topic Entitled as “Analysis and Performance of various Data Mining Techniques used for malware detection and classification”, Journal of Education: Rabindrabharathi University, ISSN 0972-7175, Vol-XXIII, No:112021, Oct 2021, Pg:265-270
- Published a paper on topic Entitled as “A Novel Portable Executable malware Detection using Random Forest with feature set generation algorithm (RF-FSGA), Design Engineering, Vol:2021, Issue 6, Sep 2021, Pg:7749-7766
- Published a paper on topic Entitled as “Identification of malware using enhanced malware detection pre-processing techniques”, International Journal of advanced science and Technology, Issue 29, Vol 7, 2020, Pg:14405-14419
- Published a paper on topic Entitled as “Review on Machine Learning Algorithms”, The International Journal for Research in Science Engineering and Technology, ISSN 2394-739X, Vol 7, Issue 1, Jan 2020, Pg: 1- 13
- Published a paper on topic Entitled as “A Survey on Machine Learning Algorithms”, The International Journal of Analytical and Experimental Modal Analysis, UGC-CARE Approved Group – A Journal, An ISO:7021-2008 Certified Journal, ISSN No.0886-9367, Vol XI, Issue XII, Dec 2019, Pg: 40 -56

- Published a paper on topic Entitled as “Risk Factor Prediction Of Cardiovascular Problems For Diabetic Mellitus Patients Using rule based classification “ in international journal of Creative research thoughts (IJCRT) with ISSN:2320-2882 Volume 10, issue 6,june 2022
- Published a paper on topic entitled as “Cyber security “ in Journal of maharaja sayajirao university of baroda ,volume no 57,ISSN No.0025 0422, 2023 UGC care group 1 journal.

Personal Information

Date of Birth : 29-11-1977
Nationality : Indian
LanguagesKnown : English,Tamil
Residential Address : 36,Rathina vinayakar KoilStreet,Venkatasa Colony,
Pollachi.

Declaration

I declare that the information furnished above is correct and true to the best of my knowledge and belief.

Yours Sincerely

(Dr.M.Meena Krithika)