Dr. Arivazhagan.N

Assistant Professor, CINTEL,

School of Computing

SRM Institute of science and Technology

Kattankulathur, Chengalpattu (DT)

Tamilnadu, India.

Mail Id: arivazhn@srmist.edu.in,

n.azhagu@gmail.com

Pin code – 602303.   **Mobile No:** +91 9841276616,8667003100

Career Objective:

- Highly energetic and committed professional teacher with strong academic background and practical experience in modern and innovative teaching techniques seeks to provide top quality knowledge to students.

Key strength:

- Good motivator and Team builder
- Set challenging goals and achieved those goals through persistence, dedication, and commitment.

Employment History:

Teaching	31 Year & 6 months
September 2014 to till date.	Asst Professor (selection Grade) Department of IT. Now in Computational Intelligence, School of Computing.
June 2012 to August 2014	Deputy controller of examination. COE Office. Kattankulathur.

January 2008 to May 2012	Asst Professor (Selection Grade) in Department of IT.
August 2005 to December 2005. **January 2006 to January 2008**	Asst Professor (CSE) HOD /IT in Ramapuram campus. Developed new labs for IT.
July 2004 to August 2005	Project Director, Department of virtual education, Ramapuram campus. (Promoted as Asst. Professor on 23-4-05)
June 2003 to June 2004	Senior Lecturer. Department of computer science, SRM University.
June1999 to May 2003	Senior Lecturer Govt. College of fine Arts, Chennai.
July1996 to June1999	Senior Lecturer, Department of Computer science engineering, SRM Engineering College, Kattankulathur.
June 1990to July1996	Asst.Lecturer and HOD, Valliammai Polytechnic, Kattankulathur.
June 1989 to May1990	Production Engineer, Telematics system, Chennai

Educational Qualification:

Examination	Discipline/ Specialization	School/college	Board / University	Year of Passing	%
Ph.D	Computer Science Engineering	SRM institute of science and Technology	SRM University	2020	-
MBA	Marketing and Advertising	Madurai Kamaraj University	MKU	2000	60%
M.S	Computer Science Engineering	Birla Institute of science and Technology	BITS, PILANI	1995	7.5 cgpa
B.E	Electronics and Communications Engineering	Adhiparasakthi Engg college	Madras University	1989	66.66%
HSC	Biology + Maths Stream	GOVT. Hr. Sec. School	State Board	1985	69%
SSLC	10th	GOVT. Hr. Sec. School	State Board	1983	75%

Workshop Attended:

- Attended 10 days Staff Development Programme on "Exploring the various Engineering tools in Linux" organized by AICTE
- Attended ATAL 5 Days workshop on "Artificial Intelligence", organized by Anna University, Chennai,
- Attended 10 days Staff Development Programme on "OOAD and CASE Tools" organized by AICTE
- Attended 4 days workshop in C# DOTNET organized by ICT – Govt. of India
- Attended 5 days Campus Connect Program at Infosys, Chennai
- Attended 5 days SDP on "Object oriented Analysis and design Using UML" at IBM

International Journals:

[1] Arivazhagan, N., Somasundaram, K., Vijendra Babu, D., Gomathy Nayagam, M., Bommi, R.M., Mohammad, G.B., Kumar, P.R., Natarajan, Y., Arulkarthick, V.J., Shanmuganathan, V.K. and Srihari, K., 2022. Cloud-internet of health things (IOHT) task scheduling using hybrid moth flame optimization with deep neural network algorithm for E healthcare systems. *Scientific Programming*, *2022*.

[2] Suman, S.K., Arivazhagan, N., Bhagyalakshmi, L., Shekhar, H., Shanmuga Priya, P., Helan Vidhya, T., Jagtap, S.S., Mohammad, G.B., Chikte, S.D., Chandragandhi, S. and Yeshitla, A., 2022. Detection and Prediction of HMS from Drinking Water by Analysing the Adsorbents from Residuals Using Deep Learning. *Adsorption Science & Technology*, *2022*.

[3] Kanagasabapathy, P.M.K., Kedalu Poornachary, V., Murugan, S., **Arivazhagan Natesan**, A. and Ponnusamy, V., 2022. Rapid jamming detection approach based on fuzzy in WSN. *International Journal of Communication Systems*, *35*(2), p.e4205.

[4] Maheshwari, vikash,v **N.Arivazhagan**, "Nanotechnology-Based Sensitive Biosensors for COVID-19 Prediction Using Fuzzy Logic Control" Journal of Nanomaterials, 2021.

[5] Naveen Chandar, B., **Arivazhagan, N.**, Venkatesh, K., "Software-defined networking's traffic engineering benefits the improvement of network performance"Journal of Computational and Theoretical Nanoscience, 17(1), pp. 27–31,2020.

[6] Kottilingam,**N.Arivazhagan,** "Remote Diagnosis Decision Support System for Breast Cancer Screen" International Journal of Advanced Trends in Computer Science and Engineering ,volume 9 ,issue 5,2020.

[7] BVRS Teja, **N.Arivazhagan**, "Inventory Prediction Using Market Basket Analysis and Text Segmentation—A Review Lecture Notes in Networks and Systems",volume 130,2020.

[8] Vijayakumar Ponnusamy **N.Arivazhagan**, "A Review on Block Chain Technology Applications with an Emphasis on Health Care" ,International Journal of Advanced Science and Technology volume 29,issue 7, pp. 4835 – 4839,2020.

[9] Naveen Chandar, B., **Arivazhagan,N.,** Venkatesh, K.,"Improving the network performance using mp-olsr protocol for wireless ad hoc network (MANET)"International Journal of Recent Technology and Engineering, , 8(3), pp. 5700–5707,2019.

[10] **N. Arivazhagan** and S. Govindarajan, "Impulsive Diagnosis of Cancer Cells in Mammogram Images using NFe and Ensemble Classifier," Jour of Adv Research in Dynamical & Control Systems, Vol. 11, 03-Special Issue, 2019.

[11] Pradeep Mohan Kumar Kanagasabapathy, Saravanan Murugan, **Arivazhagan Natesan**, Vijayakumar Ponnusamy, "Rapid jamming detection

approach based on fuzzy in WSN" International Journal of Communication Systems,2019.

[12] Anand, L., Senthilkumar, K., **Arivazhagan, N.,** Sivakumar, V., "Analysis for guaranteeing performance in map reduce systems with hadoop and R"International Journal of Engineering and Technology(UAE), 7(2.33 Special Issue 33), pp. 445–447,2018.

[13] **N. Arivazhagan** and S. Govindarajan, "An Improved Decision Tree based Mammogram Image Classification of Breast Cancer for Decision Support Systems," Int. J. Recent Technol. Eng., vol. 7, no. 4, pp. 129–131, 2018.

[14] **N. Arivazhagan** and S. Govindarajan, "Qualitative Study on Data Mining Algorithms for classification of Mammogram Images," Int. Conf. Comput. Vis. Bio Inspired Computing, 2018.

[15] **N. Arivazhagan** ,sai balaji , "An Outlier Detection of a Medical Image using SVM Technique" International Journal of Control Theory and Applications ,volume 9,issue 40,2016.

[16] **Arivazhagan.N** Siva Kumar Reddy Gaddam, "Ascertaining Illegitimate Medical Insurance Claims", International Journal of Advances in Electronics and Computer Science, Volume 2, issue 8,2015.

[17] Atira anil and **N.Arivazhagan** , "Performance Optimization of Parallel Programming", International Journal of Linguistics and Computational Applications (IJLCA) ISSN 2394-6385 (Print) Volume 2, Issue 1, January - March 2015.

[18] S Sruthi, **N Arivazhagan** ,"A Framework for Solving Linear Systems of Equations using Openmp and Cuda" International Journal of Linguistics and Computational Applications (IJLCA) ISSN 2394-6385 (Print) Volume 2, Issue 1, January - March 2015.

International Conference:

[1] Mithinti, S., Kumar, A., Bokadia, S.,Malhotra, I., **Arivazhagan, N.,** "IoT based smart bin for smart city application"2019 International Conference on Intelligent Computing and Control Systems, pp. 1468–1472, 9065869 ,2019.

[2] **N.Arivazhagan** , "Ascertaining Illegitimate Medical Insurance Claims" International conference on Advanced Computer Science and Information Technology, March 2015.

Current Membership in Professional Organizations
IRED, IAENG, ISTE, CST A, INDIAN SCIENCE CONGRESS, ISC,ACM

ONLINE COURSE COMPLETION CERTIFICATE

[1] Successfully completed the requirements to be organized as Microsoft Technology Associate for DATABASE FUNDAMENTALS.

[2] Successfully completed, received a passing grade, and was awarded a Cognitive Class Certificate of Completion in DATA SCIENCE 101.

[3] Successfully completed, received a passing grade, and was awarded a Cognitive Class Certificate of Completion in DATA PRIVACY FUNDAMENTALS.

[4] Successfully Completed the course "LEARNER CENTRIC MOOCS" in MAY 2018.IITBX

[5] Successfully completed the course NPTEL "OUTCOME BASED PEDAGOGIC PRINCIPLES FOR EFFECTIVE TEACHING" AUG 2018

[6] Successfully completed the course NPTEL"INTRODUCTION TO MACHINE LEARNING" AUG 2018

[7] Successfully completed the course NPTEL"INTRODUCTION TO INTERNET OF THINGS" DEC 2018

AREAS OF SPECIAL   INTERESTS

1. Artificial Intelligence and Machine Learning
2. Medical Image Processing
3. Big data Analytics

Personal Details:

Name	**:**	**Arivazhagan.N**
Date of Birth	**:**	**04^h September, 1967**
Linguistic Ability	**:**	**Tamil, English**
Address	**:**	**H 203, Akshaya Metropolis, GST Road, Maraimalai Nagar. 603209.**

Declaration:

I hereby declare the details furnished above are true to my knowledge.

Place: Chennai   **N.Arivazhagan.**

Date: 13/06/2022