

**Name :** **A. Dhanalakshmi**  
**Designation :** **Assistant Professor**  
**Department :** **Post Graduate Department of DataScience**  
**Date of Joining:** **26.09.2022**  
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#### **Educational Qualification:**

- Pursuing Doctor of Philosophy in Kalasalingam Academy of Research and Education, Krishnankoil
- **Qualified in TNSET 2018**

Degree	Subject	College / University& Place	Year Completed
B.Sc	Information Technology	N.M.S.Sermathai Vasan College for Women.	2010
M.Sc	Information Technology	Lady Doak College	2013
M.Phil	Computer Science	Mother Teresa University	2015

**Specialisation in Teaching:** DBMS, Data Analytics, Data Mining, Artificial Intelligence

**Specialisation in Research:** Deep Learning, Machine Learning.

#### **Other Work Experience:**

Designation	Institution / Company	Year - From (month/year) To (month/year)
Assistant Professor	N.M.S.Sermathai Vasan College for Women	17.06.2013 to 18.4.2014
Assistant Professor	N.M.S.Sermathai Vasan College for Women	18.12.2014 to 23.09.2022
Assistant Professor	The American College	26.09.2022 to Till Date

#### **Publications:**

##### **Book Publications:**

- Ms. A. Dhanalakshmi has published a Book in the Editorial Board of Scientific International Publishing House entitled “Machine Learning and Deep Learning in Real Time Applications – Advances” ISBN No. 978-93-5757-859-2 Year : 2023

### **Conference Presentations:**

- Ms. A. Dhanalakshmi has presented a paper “ Deep Learning Based Framework for Air Pollution Prediction in the International Conference on Recent Trends and Advances in Communciation and Data Science 2k24(ICRTACTDS – 2k24) organized by Department of Computer Science & BCA Mangayarkarasi College of Arts and Science for Women on 24<sup>th</sup> and 25<sup>th</sup> January 2024.
- Presented a paper titled “ Empirical Study on Identification and Classification of Rice leaf Disease using Deep Learning Techniques” in International Conference on Data Transformation 2023 organized during 20<sup>th</sup> April and 21<sup>st</sup> April by School of Computer Science, The American College, Madurai.
- Presented a paper titled “A General approach of Plant Disease identification and Detection from the images using Convolutional Neural Network” in International Conference on Computational Methods and Data Engineering 2021 organized during 25<sup>th</sup> & 26<sup>th</sup> November 2021 by School of Computer Science and Engineering, Vellore Institute of Technology, Vellore, TamilNadu, India.
- Presented a paper on “ADHOC NETWORK FOR EFFECTIVE COMMUNICATION” in International Conference and published in SHANLAX International Journal of Arts, Science and Humanities on “DATA ANALYTICS AND VISUALIZATION” conducted by the Department of Computer Science, Mangayarkarasi College of Arts and Science for Women, Madurai, on 15 Feb 2018.
- Presented a paper on “CRYPTOGRAPHIC TECHNIQUE USING RECENT BIOMETRICS” in the National Conference on “Future Research Perspectives in computer Science and Information Technology” held on 21<sup>st</sup> and 22<sup>nd</sup> February 2K17.
- Presented a paper entitled “AUTHENTICATION ROTOCOLS IN NETWORK SECURITY” in the National Conference conducted by the Department of Computer Science, Mangayarkarasi College of Arts and Science for Women, Madurai, on 27<sup>th</sup> August 2016.
- Presented a paper on “ VERSIONS OF WIRELESS NETWORK 1G-7G” in the National Conference on Innovations in Big Data Search, Mining and Management organized by the Department of Information Technology and Management, Arul Anandar College, Karumathur held on 26<sup>th</sup> February 2016.

- Participated in the UGC Sponsored National Workshop on MATLAB organized by the Department of ComputerScience, M.V.Muthiah Government Arts College for Women, Dindugul on 25<sup>th</sup> feb 2016.
- Presented a paper entitled “AN EVOLUTION OF MOBILE NETWORK 1G-7G” in the National Conference conducted by the Department of Computer Science, Mangayarkarasi College of Arts and Science for Women, Madurai, on 30<sup>th</sup> Jan 2016.
- Participated in the Event “INTERNATIONAL SEMINAR ON ROBOTICS AND BIGDATA” conducted by N.M.S.S.Vellaichamy Nadar College, Madurai, on 3<sup>rd</sup> September 2015.
- Participated in International Colloquium on “Research Orientation and Quality Publications” Organized by Department of Computerscience, Mother Terasa Women’s University, Madurai Centre on 6<sup>th</sup> and 7<sup>th</sup> August 2014.

#### **Faculty Development Programme:**

- Participated in Five days Faculty Development Programme on “Research – The Journey from Inception to Publishing” from 05<sup>th</sup> February 2024 to 9<sup>th</sup> February 2024 organized by the IQAC in association with PG & Research Department of Computer Science at Dhanraj Baid Jain College, Chennai.
- Participated in Three Days Faculty Development Programme on “Deep Learning Techniques for Image Retrieval Applications” from 18.01.2024 to 20.1.2024 organizied by SRM MADURAI College for Engineering and Technology, Chennai.
- Participated in One day TANSHE Sponsored Workshop on “Case Study Data Science and AI Applications”, Organised by Department of Computer Applications on 30<sup>th</sup> August 2023 at Sri Meenakshi Government Arts College for Women, Madurai
- Participated in Five days Faculty Development Programme on “Full Stack Development” from 11.07.2023 to 15.07.2023 organized by the Department of Computer Science and Engineering, Kamaraj College for Engineering and Technology, Virudhunagar.
- Participated in a Six Day International Faculty Development Programme “Quality Enhancement to Facilitate Academic Excellance and Well Being” organized by Internal Quality Assessment Cell Jyoti Nivas College(Autonomous), Karnataka from 16<sup>th</sup> to 21<sup>st</sup> January 2024.
- Participated in Five Day Faculty Development Programme on “Python Programming” conducted by ICT Academy on 22 May 2023 to 26 May 2023 at St. Michael College of Engineering and Technology.

- Completed 7 Day National Level Online Faculty Development Program on Outcome Based Education(OBE) in Computer Science Discipline organized by Marian College, Kutikkanam(Autonomous) in association with The Kerala State Higher Education Council (KSHEC) from 08 December to 15 December 2022
- Participated in one week online Faculty Development Program on “ Machine Learning Algorithms, Applications and Advantages from 25<sup>th</sup> to 30<sup>th</sup> May 2020, organized by Department of Computer Science and Engineering, Kamala Institute of Technology and Science, Singapur in association with Computer Society of India, Hyderabad Chapter and Sponsored by TRY LOGIC Soft Solutions AP Private Limited.
- Participated in 5 day Online National FDP on “ Artificial Intelligence” organized by Department of Information Technology, Anil Neerukonda Institute of Technology & Sciences in collaboration with BrainOVision & National Youth Council of India from 22-05-2020 to 26-05-2020.
- Participated in one week online faculty development program on “Recent Trends in Information Technology organized by Department of Information Technology, Kalasalingam Academy of Research and Education from 18.05.2020 to 24.05.2020
- Participated in One Week TEQIP-Online Faculty Development Program on “Machine Learning and Deep Learning Applications in Engineering and Science (MLDLAES - 2020)” from 16th May-20th May 2020 (Sponsored by Technical Education Quality Improvement Program -III) Organized by Civil Engineering Department, Government College of Engineering, Karad.
- Participation in Faculty Development Programme - Webinar on Outcome Based Curriculum Design organized by the Internal Quality Assurance Cell, V. V. Vanniaperumal College for Women, Virudhunagar on 14th and 15th May 2020

### **Workshop and Training Program:**

- Participated in online workshop on ‘Academic Book Writing and Related Topics’ organized by SPRINGER NATURE on 13<sup>th</sup> May 2020.
- Participated in online National Workshop on “Fine Tuning Research Planning using Elsevier Tools: Science Direct, Scopus and Mendeley conducted by K.J. Somaiya College of Science and Commerce in Collaboration with Elsevier on 25<sup>th</sup> April 2020.
- Participated in Workshop on “AI, Deep Learning & Machine Learning Concepts” organized by Fatima College on 24<sup>th</sup> & 25<sup>th</sup> July 2019.

- Participated in the TEQIP-II Sponsored Workshop on “RESEARCH PAPER WRITING” organized by the Academic Research Section of Thiagarajar College of Engineering on December 23,2016.

**National & International Seminar and Webinar :**

- Attended National Webinar on “Cyber Security Threats in the Current Era of COVID 19” organized by Department of Computer Engineering, Poornima Institute of Engineering and Technology, Jaipur in association with CyberCure Technologies Pvt. Ltd on 4<sup>th</sup> June 2020
- Participated in the One Day International Webinar on “DEEP LEARNING IN CLOUD COMPUTING ENVIRONMENT”, organized by the Department of Computer Science and Applications of Adhiparasakthi College of Arts and Science (Autonomous), Kalavai, on 29th May 2020.
- Participated in the webinar on “RECENT TRENDS IN DIGITAL IMAGE PROCESSING” organized by Shri Krishnaswamy College for Women held on 20th May, 2020
- Participated in the Webinar on “AI APPLICATIONS AND ITS TRENDS IN TRANSFORMING BUSINESS” ON 14th MAY 2020, organized by the Department of Computer Science, RBVRR Women’s College (Autonomous) Affiliated to Osmania University.
- Participated in the webinar on “The Art of Writing Research Papers” Organized by Chennai Institute of Technology on 29<sup>th</sup> April, 2020
- Participated in the Live Webinar: How To Publish a High Quality Technical Journal Paper conducted by IEEE on 24<sup>th</sup> April 2020
- Participated in the National Seminar on Trends in teaching and research to improve higher education held at N.M.S.Sermathai Vasan College for Women, Madurai, on 8<sup>th</sup> October 2016.

**Resource Person:**

- Acted as a Resource Person in National Level Seminar “Artificial Intelligence in Industry 4.0” on 15.04.2023, organized by Saiva Bhanu Kshatriya College, Aruppukottai.

