



1. NAME AND ACADEMIC RANK: Dr. P. DHIVYA,
Assistant Professor

2. EDUCATION:

Ph.D Computer Science and Engineering, Anna University, Chennai, 2021.

M.E Computer Science and Engineering, Meenakshi College of Engineering,
Chennai, 2012.

B.Tech Computer Science and Engineering, Arulmigu Kalasalingam College of
Engineering, Sriviliputhur, 2010.

3. ACADEMIC EXPERIENCE:

2022 - Present Assistant Professor, Computer Science and Engineering,
Dr.M.G.R. Educational and Research Institute, Chennai

2015 - 2016 Assistant Professor, M.S. Engineering College, Bangalore.

2013 - 2015 Assistant Professor, Computer Science and Engineering,
Ultra College of Engineering & Technology, Madurai.

2012 - 2013 Assistant Professor, Computer Science and Engineering, SIT, Madurai.

4. NON-ACADEMIC EXPERIENCE:

NIL

5. CERTIFICATIONS OR PROFESSIONAL REGISTRATIONS:

- Sun Certified Java Programmer by TIFAC-CORE, 2008.

6. CURRENT MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS:

NIL

7. HONORS AND AWARDS:

NIL

8. SERVICE ACTIVITIES:

- Worked as Organizing Secretary for National Conference (NCICT'23-REBOrN).
- Carried all documentation work related to AICTE Inspection.
- Acted as coordinator of IRCC.
- Acted as Examination Cell Coordinator.
- Acted as person in-charge for Placement Cell.
- Acted as Association In-charge for the Dept. of CSE to organize seminars and guestlectures.
- Acted as Class In-charge to monitor student's performance and counseling.

- Acted as person in-charge of Dept. Library and Laboratory.

9. PRINCIPAL PUBLICATIONS OF LAST FIVE YEARS (2019-2024)

- Published a book chapter titled “AI at the Womb’s edge: Transformative Technologies in Fetal Monitoring”, in the source titled Modernizing maternal care with digital technologies, pp. 127-158, 2024.
- Published a paper titled, “Machine Learning Approaches for Adaptive Signal Processing in 6G Networks”, in IEEE International Conference on Computing, Power and Communication Technologies (IC2PCT). Vol. 5, pp. 772-776, IEEE, 2024.
- Published a paper titled, “Face recognition model for a mobile device based on neural architecture”, in International Conference on Recent Trends in Computing and Communication Engineering (ICRTCCE 2024).
- Published a paper titled, “Image forgery detection using MD5 and OpenCV”, in Journal of Interdisciplinary cycle research, ISSN 0022-1945 Volume 15, Issue: 3, pp. 673-681, March 2023.
- Published a paper titled, “An Ensemble approach for Classification of Breast Histopathology Images”, in IETE Journal of Research (Annexure-I) on July 25th, 2019. <https://doi.org/10.1080/03772063.2019.1644974>
- Published a paper titled, “An Ensemble of Deep CNNs for Classification of Breast Histopathology Images”, in International Journal of Applied Engineering Research, ISSN 0973-4562 Volume 14, Number 8 (2019) pp. 1997-2001.
- Published a paper titled, “GLCM and BoF Based Texture Representations for MRI Image Classification”, in International Journal of Information & Computation Technology, ISSN 0974-2239 Volume 9, Number 1 (2019), pp. 11-20.

10. PROFESSIONAL DEVELOPMENT ACTIVITIES IN THE LAST FIVE YEARS:

- Participated in the one week “Faculty Development Program Research Methodology” organized by The Internal Quality Assurance Cell and Academic Staff College, Dr.M.G.R. Educational and Research Institute from 26/09/2023 to 04/10/2023.
- Participated in international webinar series (3) on “Recent trends in AI and Data Science”, SRM institute of science & technology, Chennai, 1st December 2022.
- Attended a two week FTDP on “Deep learning and IoT” conducted by

Department of electronics and communication engineering, Velammal College of Engineering and Technology, Madurai, Nov-2019.

- Participated in one day national level seminar on “Recent trends in communication technologies” organized by VCET, Madurai, March-2018.
- Participated in the ICMR sponsored seminar and hands-on training on “Deep Learning Techniques & Tools for Medical Applications” organized by MEPCO Schlenk Engineering College, Sivakasi, Jan-2018.
- Attended Technical Workshop on “Green Computing for Evergreen World”, Dept. of Computer Science & Engineering, KLN College of Engineering, Madurai, January 2014.