

PROFILE

Name	Prof Priyadarshini M
Position & Affiliation	Associate Professor, Department of CSE
Areas of Interest	Computer Graphics, Unix System Programming, Unix Shell Programming, Database Management systems and System Software, Artificial Intelligence, Machine Learning, Image Processing, Operating System.
Email	priyadarshini.cse@cambridge.edu.in
LinkedIn ID	www.linkedin.com/in/priya-darshini-2859b89b
Google Scholar ID	YNDy03YAAAAJ
Orchid ID	0009-0004-5585-3809
Vidwan ID	566213
Scopus ID	NA
Professional Webpage (if any)	NA

Educational Qualifications:

Ph.D	Presidency University, Bengaluru	India	Pursuing
MTech	PESCE, Mandya, VTU	India	2008
BE	RLJIT, Doddaballapura, VTU	India	2006

Areas of Research:

Image processing, Deep Learning

Brief Profile: (write about yourself)

Completed BE, MTech and currently pursuing PhD in the field of Deep Learning. I have around 15 years of teaching experience and is associated with Cambridge Institute of Technology from 2013.

Participated in various workshops and faculty development programs held by various colleges and is a member of ISTE and CSI technical bodies.

Slightly contributed towards research by publishing 4 papers in Conference/Journals and having 5 patents currently

Guiding BE, MTech students projects on various fields.

Awards/Recognition/Others:	
1) Best Paper Award in 2 Day National Conference on Advances in Computing, Communication and Recent Trends in Technology (ACCRT-2024) for the paper titled “Brain Tumor Detection using Convolutional neural network”	
Leadership Role	
1) Central Time Table Officer from JAN 2025 till date 2) Department Level NAAC coordinator from 2020- till date. 3) College Level cultural coordinator for the year 20-21, and cultural core team for CHIGURU-22. 4) College Level Fashion Show Team in-charge from 2015 till 2022	
Courses Taught: Image processing, Machine Learning, Deep Learning, Database Management System, Computer Graphics, Unix Systems, Operating Systems.	
Publications/Patents:	
Publications	1) Published Scopus Indexed paper entitled “Improving Liver Tumor Segmentation Robustness with Physics -Informed Regularization of a ResNet50 Network” in 6th International Conference of Emerging Technology (INCET 2025) 2) Published Scopus Indexed paper entitled “Brain Tumor Classification and Detection with VGG-16 using MRI Images” in 6th International Conference of Emerging Technology (INCET 2025) 3) Published paper in Scopus Indexed International Journal of Intelligent Engineering Systems titled (Scopus Indexed Journal) “Skin Multi Class Cancer Classification Using ResXceptNet with Layer Wise Integration”. 4) Published paper in Scopus Indexed International IEEE conference (ICIPCN-2024, Nepal) titled “Brain Tumor Detection and Classification With One-Hot Encoding and EfficientNetB0 Using MRI Images” 5) Published Paper in Gradiva Review Journal titled “An Efficient Technique for Skin Cancer classification using Deep Learning algorithm – A Survey” 6) Published paper in IEEE conference titled “Classification of Multi-Class Skin Cancer using Deep Learning Algorithm” 7) Published a paper titled “Musical Therapy using Facial Emotion Detection” in JETIR April 2023, Volume 10, Issue 4. 8) Presented a paper titled “Agro Guide- A Complete Cultivation solution for Farming” in Two Day National Conference on “Recent Trends in Engineering and Technology”-2022. 9) Published a paper titled “Social Distancing and Monitoring Robot” in “IJSREM Journal Volume 5 Issue 06 June 2021.

Patents	1) Published Design Patent titled “Internet Of Things based Podium”. Design No: 39556-001. Application Date: 21/9/2023. 2) Published Design Patent titled “Surveillance Camera”. Design No: 395525-001. Application Date: 21/9/2023. 3) Published Design Patent titled “Toy Car”. Design No: 395523-001. Application Date: 20/9/2023. 4) Published Patent titled “System and Method of Citrus Fruits and Leaves Disease Detection Using Densenet”. Publication Date: 16/06/2023. Application Number: 202341034160. 5) Published Patent titled “System and Method of Musical Therapy using Facial Emotion detection”. Publication Date: 05/05/2023. Application Number: 202341028707.
Book/Book Chapters	NIL

Research and Consultancy: NIL