PROFILE

Name	Dr. Preethi S
Position & Affiliation	Professor, HOD, Department of ISE
Areas of Interest	Image Processing, Computer Networks, Crypography
Email	preethi.ise@cambridge.edu.in
LinkedIn ID	https://www.linkedin.com/in/dr-preethi-srinivas-5117b116b/
Google Scholar ID	9XuD4zEAAAAJ
Orchid ID	0000-0002-8079-9865
Vidwan ID	
Scopus ID	-
Professional Webpage (if any)	-

Educational Qualifications:

Ph.D	VTU	India	2023
MTech	BMSCE, VTU	India	2008
BE	SJCIT, VTU	India	2000

Areas of Research:

Medical Image Processing

Brief Profile:

Dr. Preethi S is a Professor and HOD in the Department of ISE. Her academic interests include Analog and Digital Electronics, Microcontroller and Embedded Systems, Computer Networks, Microprocessors, Machine Learning, Cryptography and Network Security.

She holds her Doctorate from Visvesvaraya Technological University, M.Tech degree in Computer Network Engineering from the Visvesvaraya Technological University and Bachelor of Engineering in Computer Science and Engineering from Bangalore University. She has participated in many faculty development

programs, workshops and seminars held in CiTech and various other colleges.

She has around 22 years of teaching experience. She had worked as lecturer in SJCIT, Chikkballapur, Alpha College of Engineering, Brindavan College of Engineering and is associated with Cambridge Institute of Technology from July 2009.

Guiding students at various levels (BE, MTech and PhD)

Guided 160 students for final year projects.

Awards/Achievements/Others:

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Courses Taught:

- Computer Networks
- Analog and Digital Electronics
- Digital Design and Computer Organization
- Micro Processor and Micro Controller
- Cryptography
- C-Programming
- System Modeling and Communication
- Data Communication

Publications/Patents:

Publications	1. Region Classification using Clustering Based Approach for Forest Fire Disaster Management, Gradiva Review Journal, 2024. 2. A Novel Swift and Intelligent Approach for revamping shopping experience, International Journal of Computer Applications, July-2024 3. Qualitative and Quantitative data analysis using Classification and Ensemble techniques to optimize and predict the performance of reviews, EEE Conference on Advances in Electrical, Electronics and Computational Intelligence, 2023. 4. Heart Disease Prediction Using Effective Machine Learning Techniques NCETETM- 2023. 5. An Efficient Hybridization Approach for Tissue Segmentation and Classification in Brain MRI Images IJNRD © 2023 IJNRD | Volume 8, Issue 3 March 2023 | ISSN: 2456-4184 | IJNRD.ORG. 6. Eggplant leaf disease detection and segmentation using adaptively regularized multi Kernel-Based Fuzzy$C$-Means and Optimal PNN classifier

	IJCSE e-ISSN : 0976-5166 p-ISSN : 2231-3850 DOI : 10.21817/indjcse/2022/v13i5/221305073 Vol. 13 No. 4 Sep-Oct 2022 7. Brain Tumor Detection by Modified Particle Swarm Optimization Algorithm and Multi-Support Vector Machine Classifier International Journal of Intelligent Engineering & Systems Vol.15, No.6, 2022 DOI: 10.22266/ijies2022.1231.10 8. An efficient framework for secured data migration in hybrid cloud computing environment IJCRT, 7.97 impact factor Volume 9, issue 7 9. An efficient wavelet-based image fusion for brain tumor detection and segmentation over PET and MRI image Multimedia Tools and Applications e-ISSN 1573-7721 p-ISSN1380-7501 10. Combining Wavelet Texture Features and Deep Neural Network for Tumor Detection and Segmentation Over MRI Journal of Intelligent Systems Status: published De Gruyter 11. Detection of Neovascularization on Optic Disk Region based on Kernalized Fuzzy C- Means and ANN Classifier" IJIRCCE vol5, issue5xx, May 2017 12. Survey of Neo-vascularization on optic disk region IJIRCCE, Volume 5, Issue 3, March 2017 13. Performing an Efficient auditing and deduplication data process of the cloud systems IJETCSE 14. Combining left and right palm print images for more accurate personal identification IJIRCCE, Volume 4, Issue 4, April 2016
Patents	Title: AI & ML based plant leaf disease Classification for crop yield enhancement Application Number: TEMP/E-1/10177/2022-CHE, 202241008818
Book/Book Chapters	-