

PROFILE

Name	Dr. Jayanti MG
Position & Affiliation	Professor, Department of CSE
Areas of Interest	DBMS, , C++, Java SE Programming I and II, Application development in J2EE, Python Programming, Python application in Machine Learning.
Email	jayanthi.cse@cambridge.edu.in
LinkedIn ID	
Google Scholar ID	https://scholar.google.com/citations?user=GTj63k0AAAAJ&hl=en&oi=sra
Orchid ID	https://orcid.org/0009-0005-9832-5560
Vidwan ID	566179
Scopus ID	
Professional Webpage (if any)	

Educational Qualifications:

Ph.D	Visvesvaraya Technological University	India	2022
MTech	Bangalore University	India	2020
BE	Madras University	India	2014

Areas of Research:

Artificial Intelligence, Machine learning, cloud

Brief Profile: (write about yourself)

I am Dr. Jayanthi M. G, currently working as an Associate Professor in the Department of Computer Science & Engineering at Cambridge Institute of Technology, Bangalore. I hold a Ph.D. in Computer Science and Engineering from VTU, completed in 2022. With over 19 years of teaching experience, I specialize in training UG and PG students in core computer science subjects. I have strong technical skills in Java, Python, Machine Learning, Oracle SQL, and Cloud technologies. I serve as the SPOC for Samsung R&D and Oracle Workforce Development Program. My experience includes collaborations with industry leaders like Wipro, Oracle, and Texas Instruments. I have conducted several FDPs and workshops for faculty on IoT, Python, and Machine Learning. My research focuses on Image Processing, Deep Learning, and Disease Detection in Agriculture and Healthcare.

Awards/Achievements/Others:

- Completed course on cybercrime by ISAC and CCIO (Cybercrime Intervention Officer) certified.
- Completed NPTEL course on “Computer Vision” in Dec 2019.
- Completed NPTEL course on “ Introduction to data science for engineers in Sep 2019.
- Completed NPTEL course on “ Machine learning” in March 2019.
- Oracle Certified Professional
- Completed Python programming in Course Era.
- Got best project award in KSCST funding agency SPP 39.
- Involved in Samsung Research India Bangalore – Research Project.
- Completed NPTEL course on “Introduction to Soft Computing” in April 2020.

Courses Taught:

- **UG Courses** (25+): Machine Learning, IoT, Python, Java/J2EE, DAA, DBMS, OS, Embedded Systems, Software Engineering, Mobile App Dev, etc.
- **PG Courses:** Advanced OS, Probability & Queuing Theory, Computer System Performance, Advanced DBMS, etc.

Publications/Patents:

Publications	[1] Muniram Gajendra Singh Jayanthi and Dandinashivara Revanna Shashikumar “ Leaf Disease Segmentation From Agricultural Images via Hybridization of Active Contour Model and OFA” J. Intell. Syst. 2017; aop https://doi.org/10.1515/ (SCImago Q4 ranking). [2]. Muniram Gajendra Singh Jayanthi and Dandinashivara Revanna Shashikumar “Cucumber disease detection using Adaptively Regularized Kernel-Based Fuzzy C-Means and Probabilistic Neural Network”. Refereeing Process: Editor comments IJCVR-239374(International Journal of Computational Vision and Robotics Inderscience Publishers) (SCImago Listing) [3]. Survey on Image Segmentation algorithms – ASAT.
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	[4] Image Processing System for Fertilization Management of Crops, IJER , Volume no 5 Issue: Special 4. [5]. An Efficient Hybridization Approach for Tissue Segmentation and Classification in Brain MRI. © 20XX IJNRD Volume X, Issue X Month 20XX ISSN: 2456-4184 IJNRD.ORG [7] Eggplant leaf disease detection and segmentation using adaptively regularized multi Kernel-Based FuzzyC-Means and Optimal PNN classifier , Dr. Jayanthi M.G et al. / Indian Journal of Computer Science and Engineering (IJCSE).(2022) [8] Captioning and Classification of Brain Tumor from MRI Images using Deep Learning Methods, Journal of Coastal Life Medicine(JCLMM Volume 11 Issue 1 (2023) xx-yy). [9] Deep Learning Techniques for Image In-painting Applications 1.Yashaswini S, 2.Jayanthi M G,3.Jenitha Subhash 1,2Department of CSE,3 Department of ECE, Cambridge Institute of Technology, GRADIVA REVIEW JOURNAL,ISSN NO : 0363-8057 [10]A model for early detection of paddy leaf disease using optimized fuzzy inference system ,IEEE conference, International Conference on Smart Systems and Inventive Technology (ICSSIT 2020) [11]Tomato Leaf disease detection using SVM classifier RTIMET- 2019
Patents	<i>Kindly add the details about the patents granted and published</i>
Book/Book Chapters	
Research and Consultancy:	

- Trained at/for: Oracle, Samsung, Wipro, Texas Instruments
- Topics Covered: Java, PL/SQL, IOT, ML with Python, Software Architecture, Infrastructure Management, Unix/Linux
- Adjunct Faculty – Wipro & BITS Pilani MS Program
- Corporate Training and Bootcamps with Amstar and Oracle India