




Faculty Name	Dr. Pallavi H B	
Academic Designation	Associate Professor	
Educational Qualification	BE, M.Tech , PhD.	
Experience in Years	11 Years	
Area of Interest	Artificial Intelligence & Machine Learning, Computer Networks	
Date of Birth	07/01/1991	
Email ID	dr.pallavi-ise@dsatm.edu.in	

Educational Details

- PhD in Computer Science & Engineering, Presidency University , Bangalore
- M.Tech in Computer Science & Engineering, SIT, VTU, Belagavi
- B.E in Computer Science & Engineering, STJIT, VTU, Belagavi

Personal Details

- Hobbies: Trekking, Gardening, Reading Books
- Language known: English, Hindi, Kannada

Professional Experience

- Working as Associate professor in department of Information Science and Engineering at Dayananda Sagar Academy of Technology and Management.
- Worked as Associate professor in APS College of Engineering, Bangalore from December 2022 to January 2023.
- Worked as Assistant professor in APS College of Engineering, Bangalore from February 2017 to November 2022.
- Worked as Assistant professor in S T J Institute of Technology, Ranebennur May 2014 to November 2016.

Publications

1. **“A Framework for Brain Tumor Image Analysis using Convolution with RELU”** International Journal of Computer Networks and Applications (IJCNA) Volume 2, Issue 4, April– May 2023 , ISSN: 2395-0455. Scopus Indexed Journal.
2. **“An Ensemble-Of-Deep Learning Model with Optimally Selected Features for Osteoporosis Detection from Bone X-Ray Images”** International Journal of Intelligent Engineering Systems, ISSN:2185-310X E-ISSN:2185-3118 ,August 2022- **Scopus Indexed Journal.**
3. **“Superlative Augmented Densely Connected Convolutional Neural Network for Osteoporosis Diseases Detection “**International Journal of Science and Technology, ISSN: 1006-3080, June 2022- **Scopus Indexed Journal.**

4. **“Weighted DenseNet-121 for Osteoporosis Disease Detection using X-ray Images** **“International Journal of Engineering Trends and Technology, ISSN: 2231-5381, March 2021- Scopus Indexed Journal.**
5. **“Design of Mobile Relay in Data-Rigorous Wireless Sensor Networks”** In IJERA Journal, Volume 4, Issue 4, April 2014.

International Conferences:

1. **“Video To Text Summarization Using Neural Network”**, International Conference on Frontiers in Engineering, Management and Science on May 27th and 28th 2022 at APSCE, Bangalore. ISBN: 978-93-92105-59-3.
2. **“Bitcoin – The Digital Currency”**, International Conference on Frontiers in Engineering, Management and Science on May 27th and 28th 2022 at APSCE, Bangalore . ISBN : 978-93-92105-59-3.
3. **“Survey of Osteoporotic bone detection using Texture analysis“** at Fourth International Conference on Information and Communication Technology for Competitive Strategies (ICTCS), Udaipur, Nov 2019

National Conferences:

1. **“LIFI Technology”**, National Conference on Convergence of Science, Technology and Management (NCCSTM-2017) on May 19th 2018 at Dayananda Sagar Academy of Technology & Management.
2. Presented Technical paper entitled **“Human Age Estimation”** in National Conference on “VLSI, Communication and Signal Processing”(NCVCS-2017) on 16th and 17th May 2017 .
3. Presented Technical paper entitled **“Usage of Mobile Relay to Enhance the lifetime of Wireless Sensor Networks”** in National Conference on Research in Science, Engineering and Management, May-2 2015 held at PES College, Shimoga.

Funds

AICTE ATAL FDP

Fund 3.5 Lakh rupees sanctioned for FDP title **“Deep Dive into Teaching : Unleashing Deep Learning for Educators “** scheduled from December 4th to December 9th 2023.

KSCS T (KARNATAKA S TATE COUNCIL FOR SCIENCE AND TECHNOLOGY)

Project funded from KSCST: 39th Series of Student Project Programme: 2021-2022: Project Proposal Reference No.: 45S_BE_2200: Video to text summarization using Neural Networks: Rs. 8000.

Awards / Recognition

1. Completed online NPTEL certification course on “Foundation of Cloud IoT Edge ML Secured 81% **Elite Silver Certificate** during Feb- April, 2023
2. Received certificate of reviewing in recognition of the review contributed to the **Elsevier Materials today proceedings** during April and May 2023.
3. Won **Best Project Award** at 45th series of **KSCST funded student Projects Exhibition and Seminar** held at VTU, Belagavi on 12th and 13th August 2022.
4. Received **Meritorious Award** by APS Educational Trust in the year 2018.
5. Won Best paper Award for Paper entitled **“Design of Mobile Relay in Data-Rigorous Wireless Sensor Networks”** and Won **Second Prize in National Level**
6. **Paper Presentation Competition** conducted by Department of Computer Applications St. Joseph Eng. College, Mangalore, March 2014.

7. **International Certified Yoga Instructor** recognized by **Ministry of Ayush, Government of India** in the year 2022 and **Active Yoga Teacher** since 2018.
8. Featured in the **Deccan herald** newspaper and **Jana Spandana** news channel as yoga teacher on occasion of international yoga day, June 21 2021.
9. Performed Bharatanatyam during **International Children Assembly** held at **National Bal Bhavan**, Delhi in the year 2006

Academic Activity

- Member of the Board of Reviewer for the Scopus indexed journal “Bulletin of Electrical Engineering and Informatics” (<https://beei.org/>)
- Coordinated the NAAC accreditation process(Criteria 2) and NBA (Criteria 3)
- As international certified yoga instructor actively hosting various events under **APSCE Yoga Club**
- AICTE Activity points coordinator and Internal Assessment test coordinator
- Department Activity coordinator and Department Magazine editor
- Worked as VTU Exam External DCS(DSATM) for the Academic Year 2023
- Organized one-day workshop ON “**TABLEAU**” data Analytical tool on 28-05-2022
- Organized **Tech Spark** IS&E forum activity intra college technical fest ” **Sparkathon – 2022**” on 16/6/2022
- Organized webinar on “Block Chain and its Application” on 26th June 2021
- Organized webinar on “Network Design and Implementation “on 10th July 2020

Faculty Development Activity/Workshops

1. Attended one week ATAL Sponsored national level FDP on Cloud Infrastructure(AWS) organized by Dept. of CSE, JNTUK university college of Engineering , Andrapradesh from 21st to 15th August 2023.
2. Attended two days workshop on “ Quantum Computing” organized by the school of Computer Science and Engineering , Presidency University on 30 and 31st January 2023
3. Attended Microsoft India & SAP India Led Faculty Development Program on “ Artificial Intelligence” under TechSaksham Program from 18th December to 23rd December 2022.
4. Attended 5 days VTU sponsored workshop titled “Data Science and Applications” conducted by department of E&C, APS college of engineering from 5th to 9th December 2022
5. Attended two days NAAC sponsored State Level seminar on “Teaching and Assessment process in line with NEP 2020” conducted by Sahyadri college of Engineering and Management, Mangalore on 2nd and 3rd October 2022.
6. Participated in FDP on One Day Hands-on Training Session on "Network Concepts Using CISCO Packet Tracer Tool” on 13th February 2021.
7. Attended FDP on Machine learning and Deep Learning from 15th July to 20th July 2019 at SJBIT, Bangalore
8. Attended five days FDP on Machine Learning Techniques and Tools from 17th to 21st December 2018 at JSSACT, Bangalore
9. Attended two days FDP on Web Technology and its Applications from 23rd and 24th July 2018 at RNSIT, Bangalore
10. Participated in an ISTE sponsored one day faculty development program on “Choice Based Credit system(CBCS) and its implication” conducted by ISTE chapter of APSCE, Bangalore on 16th February 2018

11. Attended three days FDP on “Network Simulator(NS-2 & NS-3) 22nd to 24th Jan 2018 at Vemana Institute of technology, Bangalore
12. Attended one day FDP on “Plagiarism Issues and Essentials Tools for Research Write-ups” organized by Department of E &C, JIT, Davangere on 18th April 2015
13. Participated in the two days workshop on “Hands on Bigdata and Apache Hadoop”held on 5th & 6th May 2015 organized by FCOS, University B.D.T College of Engineering, Davangere
14. Participated in the “LATEX” workshop conducted on 1st June 2013, SIT , Mangalore.

Contact Details

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