

Pallavi Rajendra**Mobile:** +91 9741867004**Email ID:** pallavib.jagalur@gmail.com**OBJECTIVE:**

To reach higher levels through hard work and determination by utilizing my skills to the best of my ability and attempting perfection in whatever I do in the Teaching-Learning Process and Research Activities

TEACHING EXPERIENCE:

I am currently working as Asst.Prof for the dept. of ISE, at BMSCE, BANGALORE with 8 years and 6 months of total teaching experience.

SL.NO	DURATION	NAME OF THE INSTITUTE
1	27/10/2020 TO Till DATE	working as Asst.Prof for the dept. of ISE, at BMSCE, BANGALORE
2	AUG 2013-MARCH 2017	working as Asst. Prof Dept. of Computer Science and Engineering, SJMIT, Chitradurga-577528
3	FEB 2011-OCT 2011	Worked as a Lecturer at SJMIT, Chitradurga-577528

INDUSTRY EXPERIENCE:

1	OCTOBER 2009-JULY 2010	Worked as a Software Trainee at Gowdanar Technologies, Bangalore
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EDUCATIONAL CREDENTIALS:

Qualific ation	University	College	Percentage
M.Tech	VTU	SJMIT, Chitradurga	80%
BE	VTU	SJMIT, Chitradurga	64.14%
PUC	Nalanda PU College	Jagalur	72%
SSLC	Govt. Junior College	Jagalur	72%

ACHIEVEMENTS

Patents published: 1

- COVID-19 fake news detection using transformers and Deep learning, Ref. no/Application No.202141030592 Dated: 14/01/2022

KSCST Funding:

- Funding received for the project “**Air quality monitoring, Forecasting and controlling system**” from KSCST
- Best project award received for the titled “Air quality monitoring, Forecasting and controlling system” in the 46th series of KSCST(2022-23)

Publication at BMSCE:

Book chapters:

1. R. Roopa, B. Pallavi, Prognostic Detection of Epilepsy using ML and Deep Learning Algorithms, published in Cognitive Science and Technology, Part of the book series: CSAT, Scopus index, 99-2746-3_66

Journals:

1. Samartha S, Prateek M Gummaraju, Ruchi Agarwal, Pallavi B(2023) , Air quality monitoring and Forecasting using IoT and ML: A Survey on Methodologies and challenges, Journal: IJNRD.ORG,2456-4184
2. Accepted:
Air Pollution Monitoring, Forecasting and Controlling System, Hinweis Science and Engineering (HSE) with ISSN: 2583-9640

Conferences:

“Dementia prediction using robust AI and ML models”, “8th International Conference on Engineering Research and Innovations (ICERI-2023)” Organized by TEC, Nerul, Navi Mumbai in association with Institute For Engineering Research and Publication (IFERP) held on 21st & 22nd September 2023 as Virtual Conference.

MOOC Certification Courses:

		<u>Course Name</u>	<u>Date & Year</u>
<u>1</u>	Google Cloud Training	Architecting with Google Compute Engine	May 31, 2021,
<u>2</u>	Google Cloud Training	From Data to Insights with Google Cloud	April 21, 2022,
<u>3</u>	NPTEL	Machine Learning, ML	April 31, 2022

OUTSIDE INDUSTRY INTERACTION:

- Took the initiative to get the MOU with the GND solutions. The MOU provided internship opportunities for the students.

ORGANIZED WORKSHOP AND SEMINAR:

- Organized “Technovate” workshop for Multi-disciplinary branches for aware of the IOT in healthcare and Industries by using 5G Technology on 7th May 2022
- Organized seminar on “Software Engineering and Object Oriented Modelling Design” to V Sem students on Jan-2023

INVOLVED IN DEPARTMENT ACTIVITIES

1. Mentoring students for MDP and Innovative projects for final-year students.
 - Real-time remote sensing and efficiency
 - Air monitoring system using IOT
 - Identification of COVID -19 Through ensemble learning using ML and Deep learning
 - Detecting and Diagnosing Skin Disease Using Computer Vision
2. Involved in NBA-related works criteria 5: Building of faculty research publication
3. Proctoring the students
4. Syllabus framing

INVOLVED IN COLLEGE ACTIVITIES

1. Guided and coordinated for completing the Google certification course for 20 students which compresses MCA, ISE, and CSE students
2. External examiner at other autonomous colleges
3. Co-ordinator for Valuation Work
 - Makeup Examination, Sep 2021
4. Co-ordinator for Induction program, sep-2023

PARTICIPATION IN SEMINARS/WORKSHOPS/FDP

Sl.No	Short Term Course	Place	From	To
1	21 Days Masterclass on Deep Learning	Pantech e-learning	28/9/23	18/10/23
2	Mathematical Foundation for Data Science	B. M. S. College of Engineering, Bengaluru	15 May 2023	20 th May 2023
3	Artificial Intelligence	TechSaksham Program, Bengaluru	16 th Jan. 2023	20 th Jan. 2023
4	“Machine Learning and Deep Learning with Python”,	BMS College of Engineering	14 th March 2022	18 th March 2022
5	Data Sciences	Sai Ram Institute of Technology	1/2/2021	5/2/2021
6	Blockchain & Decentralized Application Development	B. M. S. College of Engineering, Bengaluru	27 th Jan to 2021	2 nd Feb 2021
7	DevOps Training	B. M. S. College of Engineering, Bengaluru	16 th Aug 2021	20 th Aug 2021
8	Artificial Intelligence in Design and Manufacturing	Shri G.S. Institute of Technology & Science, Indore.	26 th July 2021	30 th July 2021
9	Machine Learning Frontiers in Healthcare	National Institute Of Technology, Delhi.	2021- 7-26	2021-7-30
10	Introductory Data Science and Deep Learning"	International Institute of Information Technology - Naya Raipur	2021-07-16	2021-07-20
11	Hands-on Training on current Computing Tools	SJBIT, Bangalore	27 th Jan 2015	31 th , Jan 2015
12	“Big Data Analytics	SJBIT, Bangalore	24 th Jan 2014	31 th Jan 2014

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