	Prof. Vijay Anappa Sangolgi **Qualification:** **PHD CSE*** **M.E** (Computer Sci & Engg.) **B.E (**Information Technology), **Diploma** (Information Technology), **Email-id:** vijaysangolgi@orchidengg.ac.in **Mobile No:** 9028637585 **Age:** 34 **Total Experience:** 6 **Teaching experience:** 6 **Area of Interests:** Deep Learning, Software testing
Education	1) M.E from ***Nkocet, Solapur .*** 2) B.E from ***AGPIT , Solapur.*** 3) Diploma from ***SPM polytechnic. kumathe, Solapur*** 4) 10th from ***Modern High School ,Solapur***
Subject Taught	1) ***Deep Learning*** ***2) Software Engg. & Testing*** ***3) Data Engineering*** ***4) Mobile Application Development*** ***5) Operating System*** ***6)Java***

Project Guided	***UG-18***
Conferences / STTP /FDP/ Workshops	***STTP 06*** ***FDP 40*** ***Workshops 4*** ***Total : 50****
Major Portfolios handled at College/ Department / University level	**1) NCC coordinator at college Level** **2) NAAC Point Coordinator College level 6.5.1,6.5.2,6.5.3** **3) NBA Department level point coordinator criteria 7 and 9** **4) AI&DS Department HACKTHON coordinator** **5) AI&DS Department career counselling coordinator** **6) AI&DS Department GATE coordinator** **7) AI&DS Department UPSC/MPSC coordinator** **8) AIASA student association coordinator in AI&DS Department** **9) TY Class coordinator in AI& DS Department** **10) Earn And Learn coordinator in AI&DS Department**
Research and Publications (if any)	**1. International Journal Publications: 02** **2. International Conference:30** **Total : 32** **PATENTS** ***Design Patent -4*** ***Utility Patent – 5*** (List Of publications and Patents is attached at the end)

SR NO.	TITLE OF PUBLICATIONS	NAME OF CONFERENCE/JOURNAL	AUTHOR POSITION	DOI
Publications in Scopus and Web of Science Indexed Journals				
1.	Enhancing Cross-Linguistic Image Caption Generation with Indian Multilingual Voice Interfaces using Deep Learning Techniques	Journal of Procedia Computer Science	FIRST	https://doi.org/10.1016/j.procs.2024.03.244
2.	Gen ConVit+:Advanced hybrid framework for deep fake detection for safeguarding digital media integrity.	Journal of integrated science of technology	SECOND	:10.62110/sciencein.jist.2024.v12.820
Publications in Scopus and WoS-Indexed IEEE International Conferences				
1	A Unified Deep Learning Framework for Lip Reading and Deep Fake Audio Classification	(ISPCC 2k25)	FIRST	10.1109/ISPCC66872.2025.11039390
3	Multi-Layer Perception Meets Convolution: Detecting Lumpy Skin Disease with Res MLP-CNN	4th (ICONAT 2025), Goa, India.	FIRST	10.1109/ICONAT66879.2025.11362511
4	Design and Implementation of RemedyAI: An AI-Driven Platform for Symptom Analysis and Nutrition Guidance	4th (ICONAT 2025), Goa, India.	FIRST	10.1109/ICONAT66879.2025.11362511
5	Deep Sequential Models for Stock Market Prediction: LSTM Neural Networks in Action	GITCON 2025	FIRST	10.1109/GITCON65266.2025.11377476
6.	Lang Bridge: An Edge-AI Based Real-Time Multilingual Voice Translation Framework	IEEE COMPUTINGCON 2025	FIRST	10.1109/COMPUTINGCON64838.2025.11376767
7	Hand LandmarkBased Sign Language Recognition Using Random Forest and Support Vector Classification	(AISUMMIT 2025): Global AI Summit 2025	FIRST	10.1109/AISummit66170.2025.11410773
8	Human-Centric SAR Image Colorization for Intuitive Geospatial Decision Making		FIRST	10.1109/AISummit66170.2025.11410669
9	An Intelligent Framework for Waste Material Classification Using Deep Learning	2nd ACOIT 2025	FIRST	10.1109/ACOIT66109.2025.11436292
10	A Data-Driven Framework for Fantasy Cricket Team Prediction Using Ensemble Learning	ICAICCIT-25	FIRST	10.1109/ICAICCIT68829.2025.11434040

11	CARVIS: Endto-End Deep Learning Framework for Intelligent Car Assistance	DELCON 2025	FIRST	10.1109/DELCON68055.2025.11400437
12	HyperRouteX: Next-Gen AI Traffic Control	IEEE EDS (CIPHER-2026)	FIRST	10.1109/CIPHER70417.2026.11523859
13	Synthetic Data Driven Malaria Detection Using Generative Adversarial Networks and CNN	IEEE CCWC 2026	FIRST	Article in Press
14	Deep Multilingual Sentiment Analysis Using Uncased BERT Representations		FIRST	Article in Press
16	StyleSense: A Lightweight MobileNet-Based Framework for Real Time Personalized Fashion	ICNGWCET-26	SECOND	Article in Press
17	UMTL-FairCAM: Unifying Multi-Task Learning and Fairness-Aware Explainability for Equitable Dermatological Diagnosis	ICEFEET-2026	SECOND	Article in Press
18	An Intelligent Deep Learning and NLP-Based Framework for Sugarcane Leaf Nutrient Deficiency Detection and Fertilizer Recommendation	IEEE 2nd ICEC2NT 2026	SECOND	Article in Press
19	HCAI-CLD: A Human-Centric AI Framework for Real-Time Detection of Childhood Learning Disorders Using Interactive Behavioural Data		SECOND	Article in Press
20.	Enhancing Medical Image Classification: A Hybrid Deep Learning Approach with ResNet, Vision Transformer and Capsule Networks	ISPCC 2k25	THIRD	10.1109/ISPCC66872.2025.11039402
21	Adaptive Multi-Camera Consensus Framework for Robust Real-Time Weapon Detection Using YOLOv8	IEEE-INSECT 2026	THIRD	Article in Press

Publications in Scopus and WoS Indexed Non-IEEE International Conferences

1.	"Revolutionizing Fake News Detection with Artificial Neural Networks and Recurrent Neural Networks"	ICOFE-2024	FIRST	10.2139/ssrn.5091615
2.	"Facial Recognition Enhanced Music Recommendation System : An Exploration Of CNN In User Centric Music Discovery"	MEICON 1.0	FIRST	https://doi.org/10.1063/5.0316696
3.	Multipronocheck:Multilingual Mispronunciation Detection.	ICCETSEM-2024	FIRST	Article in Press

4.	Enhancing Fake Product Review System Using Machine Learning Algorithm	ICHCSC 2024	FIRST	Article in Press
5.	Scalable And Robust Cnn Models For Brain Tumor Detection In Healthcare Applications	ICRDICCT`25	SECOND	10.5220/0013912800004919
5.	Integrating Cosine Similarity and Item-Based Collaborative Filtering for Movie Recommendations	ICMSEE'25	SECOND	Article in Press
BOOK CHAPTER'S				
1	Novel Framework for Real-Time Object Detection with Audio Output Leveraging YOLO and CNN	ICHCSC 2024	FIRST	https://doi.org/10.1007/978-981-96-3420-0_16
2	Leveraging Structured and Sequential Learning for Dynamic Flight Fare Prediction	ICSCCA 2K25	FIRST	Emerging Trends in Smart Computing, Communication and Automation - 1st

PATENT DETAILS

SR NO.	TITLE OF PATENT	TYPE OF PATENT	DATE	STATUS	APPLICATION NO.
1	Ceiling-Mounted Industrial Monitoring Iot Device	Design	23/12/2023	Filed, Published and received registration certificate	402937-001
2.	Iot Based Video Surveillance For Enhanced Health Care	Design	08/08/2024	Filed, Published and received registration certificate	421738-001
3.	Integrated System for Doctor Appointment Scheduling with Government Aid Facilitation	Utility	17/1/2025	Filed and Published	202541002120 A
4.	A Smart Solution For Pomegranate Disease Control	Utility	21/2/2025	Filed and Published	202541012128 A
5.	AI-Based Smart System for Real Time Dust Detection and Monitoring in Solar Panels	Utility	25/4/2025	Filed and Published	202541033326 A
6.	System and Method for Real-Time Audiovisual Deepfake Detection	Utility	04/07/2025	Filed and Published	202541059722 A

	Using Lip Reading and Audio Feature Fusion				
7	Multi-Layer Perception Meets Convolution: Detecting Lumpy Skin Disease with ResMLP-CNN	Utility	2/1/2026	Filed and Published	202541123411
8	Adhyatma Bandha – A Devotional Wristband	Design	6/8/2025	Filed and fer submitted	468746-001
9	Solar Power Detection Gate For Lumpy Skin Disease	Design	27/9/2025	Filed and fer submitted	475111-001

ROLE AS SCOPUS INDEXED/UGC CARE REVIEWER

SR NO.	ROLE/CONTRIBUTION	CONFERENCE/JOURNAL NAME	DATE
1.	Conference Reviewer	International Conference on Information Technology, Civil Innovation, Science, and Management (ICITSM'25)	12 June 2025
		IEEE International Conference on Data, Energy and Communication Networks (IC-DECoN 2025)	12–15 December 2025
2.	Journal Peer Reviewer UGC CARE	International Journal Of Research And Analytical Reviews	Member ID-120487 24 May 2026
		International Journal of Innovative Research in Technology	15 May 2026

NPTEL COURSE DETAILS

SR NO.	COURSE NAME	COURSE DURATION
1.	Software Engineering	12 WEEK
2.	Foundation of Deep Learning: Applications and Concepts	
3.	Intellectual Property	

NPTEL COURSE MENTOR CERTIFICATE

SR NO.	COURSE NAME	COURSE DURATION
1.	Software Engineering And Testing	12 WEEK
2.	Deep Learning	

ROLE AS PROJECT MENTOR AT GLOBAL LEVEL COMPETITION

SR NO.	PROJECT TITLE	NAME OF HACKATHON	NAME OF THE COUNTRY	RESULT	NAME OF THE STUDENT
1.	Adhyatma bandha – a devotional wristband	Aakruti 2025	Dassault systèmes , india	**Indiageo finalist**	1.gayatri ganeri 2.rani sathe 3.vaibavi kulkarni 4.snehal shinde

ROLE AS PROJECT MENTOR AT NATIONAL LEVEL COMPETITION

SR NO.	PROJECT TITLE	NAME OF HACKTHON	NAME OF THE STATE	RESULT	NAME OF THE STUDENT
1.	Ai-Powered Real-Time Cyber Threat Detection System	Hack To Future 3.0	Kls Gote Institute Of Technology,Karnatka	**Won First Prize 50000/-**	1. Suraj Bayas 2.Aditya Shirsatrao 3.Aryan Kota 4.Pavan Boga
2.	Impact Chain	Ieee Bombay Divisional Section	Sveri, Pandharpur, Solapur,.Mh	**Won First Prize 5000/-**	1.Mautasim Kazi 2. Soham Katageri
3.	Solar Panel Dust Detection Using Deep Learning	Utkarash	Pccoer, Pune.Mh	**Won Second Prize 3000/-**	1.Pratik Mohantay 2.Sahid Mulani
		Kit	Pandharpur, Solapur,Mh	**Won First Prize 1500/-**	1.Pratik Mohantay 2.Mayur Rupnar
4.	Ai In Healthcare	Young Minds And Machine Expo 2026	Svit, Solapur,Mh	**Won First Prize 2500/-**	1.Rohini Gurav 2.Vaisahli Chiman
5.	Ai In Law	Projrct Idea Competition	Bigce,Solapur ,Mh	**Won Second Prize 2000/-**	1.Viha Hibare 2.Sharavani Umbarje
6.	Coders	Technical	Bigce,Solapur ,Mh	**Won First Prize 1500/-**	1.Shambavi Jawalkoti 2.Sakshi Kumbahr

ATAL FDP'S

SR NO.	COURSE NAME	COURSE DURATION
1.	Recent Trends In Deep Learning & Large Language Models	6 Days
2.	Deep Learning and It`s Applications	
3.	From Ideas to Innovation: A Patent Landscape Approach to Science and Technology Correlations	
4.	HARNESSING DEEP LEARNING IN BUSINESS ANALYTICS-TRANSFORM DATA TO DECISION	
5.	Deep Learning for Social Impact: Atomic Object Detection in Real-World Applications	
6.	AI Beyond the Basics: Exploring Advanced Concepts & Real-World Applications	
7	Defensive AI: Deep Learning in Cyber Security	
8	Advancements in Data Science and Machine Learning: Concepts to Applications	

OTHER THAN ATAL FDP'S

1.	Faculty Development Program On Cloud Architect	18st Nov to 22 nd Nov 2024.
2.	AI And Gen AI With Industry Application	16 th July to 22nd July 2024
3.	Machine Learning And Artificial Intelligence	: 12th Aug to 19th Aug 2024.
4.	Exploring Computational Intelligence	6th July 2024 to 20th July 2024
5.	Innovative Curricula: Aligning Higher Education With Industry Advancement	Aug 04, 2024 to Aug 10, 2024.
6.	"Recent Trends In Machine Learning And Artificial Intelligence" Held On	8thJuly 2024 to 12thJuly 2024
7.	Artificial Intelligence And Generative Models"	Jan 2024 to 19th Jan 2024.

8.	Exploring Artificial Intelligence:Trending Technologies	09.09.2024 to 13.09.2024
9.	Artificial Intelligence Impact On Transforming Software ,Robotics ,Electrical And Mechanic Field	5 august 2024 to 10 august 2024
10.	Emerging frontiers in AI	9.12.2024 To 13.12.2024
11.	Gen-AI And Prompt Engineering Using Microsoft Co-Pilot	16 th Sep to 20th Sep 2024.
12.	"Next-Generation Iot: The Convergence Of Designing Robust And Scalable Applications"	02-12-2024 to 07-12-2024.
13.	Faculty Development Program On AI Applications In Banking And Healthcare Industry	12th Dec to 18th Dec 2024.
14.	Zensar one day fdp	21st January 2025
15.	Academia-Idustry Synergy:Leveraging Expertise for Mutual Growth" Organized by Department of Artificial Intelligence & Data Science, Vishwakarma Institute of Technology, Pune	20th to 24th January 2025
16.	Iot in focus: emerging trends and real-world challennges	20.01.2025 to 25.01.2025
17.	Gen AI & Chat GPT Application in the Industry Organized by the Department of MBA & Research Centre, SJC Institute of Technology, Chikkaballapur. Chaitanya Bharathi Institute of Technology Autonomous, Hyderabad – Telangana.	27th Jan to 31st Jan 2025
18.	5 Days International Fdp On Future Generation Networking Organized By The Presidency School Of Information Science	From 17th February To 21st February, 2025
19.	One Week Online Faculty Development Program organized by Suman Ramesh Tulsiani Technical Campus Faculty of Engineering Kamshet Department of Artificial Intelligence and Data Science On "Harnessing Intelligence: Deep Dive into machine Learning"	10/03/2025 To 14/03/25
20.	One Week FDP on "Intelligent Computing : Exploring Data Science and Artificial Intelligence" organized by Department of Computer Science and Engineering of Nutan College of Engineering and Research{NCER) under administrative support of PCET from	24thMarch 2025 to28thMarch 2025.
21.	5 Days FDP on Frontiers of Intelligence: Next-Gen Technologies shaping the future research organized by M.Tech computer science and engineering sri sairam engineering college west tambaram, chennai	26.05.2025 to 30.05.2025
22.	NATIONAL INTELLECTUAL PROPERTY AWARENESS MISSION	2026

More than 50 Plus FDP attended

PROJCT SHORTLISTED FOR INCUBATION & INNOVATION

SR NO.	PROJECT TITLE	SHORTLISTED DETAILS	NAME OF THE STUDENTS
1.	Adhyatma Bandha - A Smart Health And Safety Wrsitband	KIT's College of Engineering Kolhapur, KITCoEK (Empowered Autonomous) KIT's Innovation and Research Foundation, KIT's IRF, Kolhapur Supported by MSInS, MoSDEE, GoM and DST NIDHI i-TBI, MoST, GoI IGNITION GRANT 2026	1.Gyatri Ganeri 2. Rani Sathe B.Tech Ai&Ds

RESEARCH PROJECTS SUPPORTED BY FUNDING AGENCIES

SR NO.	PROJECT TITLE	FUNDING AGENCY DETAILS	AMOUNT SANTIONED
1.	AI-Powered Smart Healthcare Assistant Robot for Elderly Care	Dassault Systèmes Foundation India, India	50000/-