



SETS

SAMARTH EDUCATIONAL TRUST'S ARVIND GAVALI COLLEGE OF ENGINEERING

Gat No.247, At.Panmalewadi, Post.-Varye,Tal. & Dist.-Satara,Pin.-415015

Personal_Information

Full Name	Vijay Bhanudas Gujar	
Official Email	vijay.gujar@agce.edu.in	
Personal email	vijay.gujar@gmail.com	
Department	Computer Science and Engineering	
Designation	Assistant Professor	
Program	B.Tech - Computer Science & Engineering	
Date of Birth	16-May-1982	
Contact No	7972059171	
Aadhar No.	995451880591	
Blood Group	A+	
Permanent Address	Aai niwas, Near sawant nagar bus stop, Jakatwadi	
Local Address	Aai niwas, Near sawant nagar bus stop, Jakatwadi	
Emergency Contact Person	Suman	
Emergency Contact No	8888497737	

Qualification Details

Year of Passing	University	Institute Name	Branch	CPI Marks	Instructor degree	class
01 Feb 2011	Others	DBATU Lonere	Computer Engineering	7.46	150	150
01 Jul 2024	Sunrise University	Sunrise University	Computer Science and Engineering	0	152	152

Experience Details

Organization Name	Experience	Is Current Job?	Research type
Arvind Gavali College of Engineering Satara	4Years, 2 Months	YES	Teaching
Dnyanshree Insititute of Engineering and Technology Satara	1Years, 0 Months	NO	Teaching

Gourishankar Polytechnic Satara	12Years, 6 Months	YES	Teaching
Satara Polytechnic Satara	3Years, 6 Months	YES	Teaching

Research Details

1	
Title	Intelligent Transportation using Deep Learning
Start Date	01-Jan-2020
End Date	NA
Date Of Presentation	NA
Subject	CSE
Research Type	Phd Guide/Research Guide/Post Doc. Guide
Research status	Ongoing

Publication Details

1	
Title	Intelligent Transportation using Deep Learning
Date	10-Jan-2020
Conference Journal	International Journal of Innovative Technology and Exploring Engineering (IJITEE)
Citation Number	2
Index value	
ISB NO	2278-3075
Publication Link	https://www.ijitee.org/portfolio-item/c8455019320/
First author:	false
Publication type	International
Publication Category	Scopus
Publication Category	Scopus
Academic year:	2019-20
index Value:	
2	
Title	Intelligent Video Surveillance using Deep Learning
Date	28-Feb-2020
Conference Journal	International Journal of Engineering and Advanced Technology (IJEAT)

Citation Number	2
Index value	
ISB NO	2249-8958
Publication Link	https://www.ijeat.org/portfolio-item/c5233029320/
First author:	false
Publication type	International
Publication Category	Scopus
Publication Category	Scopus
Academic year:	2019-20
index Value:	
3	
Title	Improving software performance by automatic test cases through genetic algorithm
Date	10-Aug-2022
Conference Journal	International Journal of Computer Applications in Technology
Citation Number	2
Index value	
ISB NO	0952-8091
Publication Link	https://www.inderscienceonline.com/doi/abs/10.1504/IJCAT.2022.124946
First author:	false
Publication type	International
Publication Category	Web of Science
Publication Category	Web of Science
Academic year:	2022-23
index Value:	
4	
Title	DEEP LEARNING: EFFECTIVE TOOL FOR BIG DATA ANALYTICS
Date	05-Jun-2019
Conference Journal	International Journal of Research and Analytics Review
Citation Number	2
Index value	
ISB NO	2348-1269
Publication Link	https://dnyanshree.edu.in/NAAC/Criterion-III/3.3.1/DIET%20CRIT%203_3.3.1_56_VBG_C.pdf
First author:	false

Publication type	International
Publication Category	UGC Care
Publication Category	UGC Care
Academic year:	2019-20
index Value:	
5	
Title	Custom Named Entity Recognition using Spacy
Date	15-Apr-2023
Conference Journal	International Conference on Innovations and Recent Trends in Engineering and Science (ICIRTES-2023)
Citation Number	2
Index value	1
ISB NO	1
Publication Link	
First author:	false
Publication type	International
Publication Category	UGC Care
Publication Category	UGC Care
Academic year:	2022-23
index Value:	1
6	
Title	Voice Authenticated Storage System
Date	15-Apr-2023
Conference Journal	International Conference on Innovations and Recent Trends in Engineering and Science (ICIRTES-2023)
Citation Number	1
Index value	1
ISB NO	1
Publication Link	1
First author:	false
Publication type	International
Publication Category	UGC Care
Publication Category	UGC Care
Academic year:	2022-23
index Value:	1

7	
Title	Realtime Face Mask Detection
Date	15-Apr-2023
Conference Journal	International Conference on Innovations and Recent Trends in Engineering and Science (ICIRTES-2023)
Citation Number	1
Index value	1
ISB NO	1
Publication Link	1
First author:	false
Publication type	International
Publication Category	UGC Care
Publication Category	UGC Care
Academic year:	2022-23
index Value:	1
8	
Title	Dengue-Malaria Prediction using CNN
Date	15-Apr-2023
Conference Journal	International Conference on Innovations and Recent Trends in Engineering and Science (ICIRTES-2023)
Citation Number	1
Index value	1
ISB NO	1
Publication Link	1
First author:	false
Publication type	International
Publication Category	UGC Care
Publication Category	UGC Care
Academic year:	2022-23
index Value:	1
9	
Title	An intelligent cyber security in modern internet of things (IoT) using deep learning
Date	18-Mar-2021
Conference Journal	Splint International Journal Of Professionals
Citation Number	1

Index value	
ISB NO	2349-6045
Publication Link	https://www.indianjournals.com/ijor.aspx?target=ijor:sijp&volume=7&issue=2&article=005
First author:	false
Publication type	International
Publication Category	UGC Care
Publication Category	UGC Care
Academic year:	2020-21
index Value:	
10	
Title	Plant leaf disease detection using CNN
Date	15-Apr-2023
Conference Journal	International Conference on Innovations and Recent Trends in Engineering and Science (ICIRTES-2023)
Citation Number	1
Index value	1
ISB NO	1
Publication Link	1
First author:	false
Publication type	International
Publication Category	UGC Care
Publication Category	UGC Care
Academic year:	2022-23
index Value:	1
11	
Title	Online Personal Health Care
Date	15-Apr-2023
Conference Journal	ICIRTES-2023
Citation Number	1
Index value	1
ISB NO	1
Publication Link	https://www.agce.edu.in/icirtes-2023
First author:	false
Publication type	International

Publication Category	UGC Care
Publication Category	UGC Care
Academic year:	2022-23
index Value:	1
12	
Title	A REVIEW ON AUTOMATIC RESPONSE PROVISION FOR IMPROVING CONVERSATION
Date	01-Aug-2022
Conference Journal	International journal of current engineering and scientific research (IJCESR)
Citation Number	2
Index value	2
ISB NO	2394-0697
Publication Link	https://troindia.in/journal/ijcesr/vol9iss8/56-59.pdf
First author:	false
Publication type	International
Publication Category	UGC Care
Publication Category	UGC Care
Academic year:	2022-23
index Value:	2
13	
Title	Enhancing security of web applications through multifactor authentication
Date	30-Aug-2024
Conference Journal	Applied Artificial Intelligence and Machine Learning
Citation Number	0
Index value	
ISB NO	
Publication Link	
First author:	false
Publication type	International
Publication Category	Scopus
Publication Category	Scopus
Academic year:	2024-25
index Value:	
14	
Title	A Deep Learning Framework for Diabetic Prediction:PIMA

Date	12-Dec-2024
Conference Journal	Innovative Computing, Intelligent Communication, Smart Electrical System (ICSES 2024)
Citation Number	1
Index value	1
ISB NO	1
Publication Link	.
First author:	false
Publication type	International
Publication Category	Scopus
Publication Category	Scopus
Academic year:	2024-25
index Value:	1
15	
Title	A Novel Methodology to Predict Dental Cavities Based on Intensive Deep Learning Strategy
Date	29-May-2025
Conference Journal	International Conference on Data Science, Agents, and Artificial Intelligence, Chennai Institute of Technology, Chennai, IEEE xplore.
Citation Number	0
Index value	
ISB NO	
Publication Link	
First author:	false
Publication type	Scholarly Journals
Publication Category	Scopus
Publication Category	Scopus
Academic year:	2024-25
index Value:	
16	
Title	A Deep Learning Framework for Diabetes Prediction: PIMA Indian Dataset
Date	12-Mar-2025
Conference Journal	2024 International Conference on Innovative Computing, Intelligent Communication and Smart Electrical Systems (ICSES), IEEE xplore
Citation Number	0
Index value	

ISB NO	
Publication Link	
First author:	false
Publication type	Scholarly Journals
Publication Category	Scopus
Publication Category	Scopus
Academic year:	2024-25
index Value:	
17	
Title	Evolution of AI: Research Topics, Trends, and Future Directions
Date	26-Sep-2025
Conference Journal	Routledge Taylor & Francis https://www.amazon.com/Leveraging-Artificial-Intelligence-Computational-Collective/dp/1032699523#
Citation Number	0
Index value	
ISB NO	
Publication Link	
First author:	false
Publication type	International
Publication Category	Scopus
Publication Category	Scopus
Academic year:	2025-26
index Value:	
18	
Title	Leveraging AI and Blockchain
Date	26-Sep-2025
Conference Journal	Routledge Taylor & Francis https://www.amazon.com/Leveraging-Artificial-Intelligence-Computational-Collective/dp/1032699523#
Citation Number	0
Index value	
ISB NO	
Publication Link	
First author:	false
Publication type	International
Publication Category	Scopus

Publication Category	Scopus
Academic year:	2025-26
index Value:	

Award Details

NA

Revenue Details

NA

Uploaded Documents

1	
Document Type	PAN Card
Filename	110040_Vijay_UploadDocuments_PAN Card_0_1706698779027.jpg
2	
Document Type	Adhar card
Filename	110040_Vijay_UploadDocuments_Adhar card_1_1706938290170.pdf

Nominee Details

NA

Medical Details

NA

Admin Details

1	
Description	Research and Development
From Date	02-Nov-2020
To Date	30-May-2024
Responsibility Level	Department Level

Responsibility Type	Administrative
Document	Not Uploaded

University Approval Details

NA

Training Details

Academic Year	Training Type	Training Role	Title/Name/Program	Location	From Date	To Date
2023-24	STTP	Participated	Recents trednds in teaching and learning padalogy	YSPM college	16-Jan-2024	20-Jan-2024
2023-24	STTP	Participated	Artificial Intelligence and Generative Model	VIT Pune	15-Jan-2024	19-Jan-2024
2023-24	STTP	Participated	Industry Research and Consultancy	Satara	15-Dec-2023	19-Dec-2023
2023-24	FDP	Participated	Research Paper Writing and Intellectual Property Rights	Solapur online	18-Jan-2024	20-Jan-2024
2024-25	STTP	Participated	EMPOWERING ACADEMIA: INTEGRATING HIGH-PERFORMANCE COMPUTING IN EDUCATION AND RESEARCH	KBP College Satara	16-Dec-2024	16-Dec-2024

Misc Details

1	
Title	Computer Science and Engineering
Description	PhD
MISC Type	Ph D Registration
From Date	26-11-2022
To Date	30-04-2024
Student Count	18
Duration	
Description	PhD
Funds Received	

Competitions	
Visits	
Research Domain	
Outcome	
Program Conducted Role	
Program Conducted Level	
Education Level	
Type of Interaction	
Program Conducted Type	
Credit	
Collaborator	
Resource person/participant	
Programme Name	
Attachment	View Attachment

Patent Details

1	
Academic Year	2024-25
Patent Title	AI-DRIVEN FINANCIAL ANALYSIS AND PREDICTION DEVICE
Application No.	440825-001
Patent Status	Filed
Filed Date	16-Dec-2024
Published Date	
Granted Date	
Publication Number	
Assignees Name	
Validity Date	
Patent Country	India
Commercialisation Value	
Patent Link	No Link Available
2	
Academic Year	2024-25
Patent Title	AI POWERED SECURE DELIVERY ROBOT
Application No.	414274-001

Patent Status	Published
Filed Date	19-Apr-2024
Published Date	06-Jun-2024
Granted Date	
Publication Number	172070
Assignees Name	
Validity Date	
Patent Country	India
Commercialisation Value	
Patent Link	No Link Available
3	
Academic Year	2025-26
Patent Title	Smart Home Power Consumption Management Device
Application No.	4563566-001
Patent Status	Filed
Filed Date	23-Apr-2025
Published Date	
Granted Date	
Publication Number	
Assignees Name	
Validity Date	
Patent Country	India
Commercialisation Value	
Patent Link	No Link Available
4	
Academic Year	2024-25
Patent Title	Method and system for chronic disease auxillary diagnostic oriented orthalmic using machine learning algorithms
Application No.	202041032055
Patent Status	Published
Filed Date	26-Apr-2025
Published Date	
Granted Date	
Publication Number	
Assignees Name	

Validity Date	
Patent Country	India
Commercialisation Value	
Patent Link	No Link Available

Membership Details

NA

Deputation Details

NA

Citations Details

Citations	H-Index	I10-Index	Current Year Citations
0	0	0	0

Social Media Details

Site Name	Profile Link	Site ID	Social Account Type
Scholar	Enter Profile Link		Scholar
Linkedin	Enter Profile Link		Linkedin
Faculty Web Page	Enter Profile Link		Faculty Web Page
Instagram	Enter Profile Link		Instagram
Facebook	Enter Profile Link		Facebook

Thumb Image

No thumb uploaded