



Sinhgad Technical Education Society's
Sinhgad Institute of Technology & Science, Narhe, Pune,
Maharashtra, India-411041

(Approved by AICTE; Affiliated to Savitribai Phule Pune University, NAAC Accredited)

Phone: 020 - 66831702/03

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Faculty Publications

Academic Year -2023-2024

Patents published			
Sr. No.	Name of the faculty	Title of the patent	Details
1	Dr. G. S. Navale	Innovative coin based charging system	The patent office, Gov. of India
2	Dr. G. S. Navale	AI Based Robot for determining crop yield	The patent office, Gov. of India
3	Bhushan M. Borhade	Low-cost water treatment system for rural communities	Copyright office, Gov. of India

Papers published in national/ international conference proceedings			
Sr. No.	Name of the faculty	Title of the paper	Name of the conference
1	Dr. G. S. Navale	A Novel Machine Learning Unmanned Swarm Intelligence Based Data Security in Defence System	International Conference on Advances in Computing, Communication and Applied Informatics (ACCAI)
2	Dr. G. S. Navale	Research and Innovation In Next Generation Security and Privacy In Industry 5.0 IoT	International Conference on Contemporary Computing and Informatics (IC3I)
3	Dr. G. S. Navale	Community Driven Citizen Safety Application Based on K-NN	International Conference on Contents, Computing and Communication



Sinhgad Institutes

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Papers published in national/ international journals			
Sr. No.	Name of the faculty	Title of the paper	Name of the conference
1.	S. A. Shinde	A Proactive Accident Detection And Prevention System	Journal of Emerging Technologies and Innovative Research
2.	S. A. Shinde	A Survey on Plant Disease Detection Using Machine Learning	Journal of Emerging Technologies and Innovative Research (JETIR)
3.	S. A. Shinde	A Survey on Deep Learning Algorithm used for Smart Parking Reservation and Navigation	Journal of Emerging Technologies and Innovative Research (JETIR)
4.	S. A. Shinde	Smart Parking Reservation and Navigation Application using Deep Learning	Journal of Emerging Technologies and Innovative Research (JETIR)
5.	S. A. Shinde	An Automatic Vehicle Accident Detection using Neural Networks	Journal of Emerging Technologies and Innovative Research
6.	S. A. Shinde	Plant Disease Detection and Cure Recommendation Using Machine Learning	Journal of Emerging Technologies and Innovative Research
7.	S. S. Bhosale	AI-Based Medical Chatbot for Disease Prediction	International Journal of Innovative Science and Research Technology
8.	S. S. Bhosale	AI-Based Medical Chatbot for Disease Prediction	International Journal for Multidisciplinary Research (IJFMR)
9.	S. S. Bhosale	Survey Paper on Anti-Theft Mobile Tracking System	International Journal of Scientific Research in Engineering and Management (IJSREM)
10.	S. S. Bhosale	Track Guard: Anti-Theft Mobile Tracking System	International Advanced Research Journal in Science, Engineering and Technology
11.	S. S. Bhosale	A Survey on Speech Emotion based Music Recommendation System	International Journal of Innovative Science and Research Technology
12.	S. S. Bhosale	Speech Emotion Based Music Recommendation System	International Journal of Innovative Science and Research Technology
13.	A. R. Kamble	AI Based FIR Filing System	International Journal of Innovative Science and Research Technology
14.	A. R. Kamble	Intelligent FIR Filing System: AI-Powered Automation	Iconic Research And Engineering Journals
15.	A. R. Kamble	A Survey on Automated 2D Image to 3D Model Generation	International Journal of Scientific Research in Engineering and Management (IJSREM)
16.	A. R. Kamble	Automated 2D Image to 3D Model Generation	International Journal of Scientific Research in Engineering and Management (IJSREM)



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17.	A. R. Kamble	Survey paper on Audible Instant Alert	International Research Journal of Modernization in Engineering Technology and Science
18.	A. R. Kamble	Audible Instant Alert	International Research Journal of Modernization in Engineering Technology and Science
19.	N. R. Thorat	AugmentAura – A Toolkit using Augmented Reality	International Journal of Scientific Research in Engineering and Management (IJSREM)
20.	N. R. Thorat	AugmentAura : A Toolkit Using Augmented Reality	Journal of Emerging Technologies and Innovative Research (JETIR)
21.	N. R. Thorat	Guarding Authenticity: A Deepfake Detection System	International Journal of Scientific Research in Engineering and Management (IJSREM)
22.	N. R. Thorat	Guarding Authenticity : Detection Fordeepfake	Journal of Emerging Technologies and Innovative Research (JETIR)
23.	S. S. Navale	Donate at your fingertips	International journal of scientific research in engineering and management
24.	S. S. Navale	Donate at your fingertips	International Journal of Research Publication and Reviews
25.	S. S. Navale	Aircanvas Using Opencv	International Journal Of Creative Research Thoughts - IJCRT
26.	K. O. Akhade	A Survey on Image Denoising Techniques	International Journal of Innovative Science and Research Technology
27.	K. O. Akhade	Image Denoising using Wavelet Transformer	International Journal of Innovative Science and Research Technology
28.	K. O. Akhade	Insure chain : Empowering You with Block Chain Insurance	International Journal of Innovative Science and Research Technology
29.	K. O. Akhade	Insure chain: Empowering You with block chain Insurance	International Journal of Innovative Research in Science, Engineering and Technology
30.	R. T. Waghmode	The Smart Parenting App Using Firebase Authentication	International Research Journal of Modernization in Engineering Technology and Science
31.	R. T. Waghmode	Survey Paper On The Smart Parenting App Using Firebase Authentication	International Journal of Research Publication and Reviews
32.	R. T. Waghmode	Revolutionizing Legal Assistance: A Comprehensive Survey on the Development and Implementation	International Journal of Scientific Research in Engineering and Management (IJSREM)



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		of a Personalized Legal Guidance Android Application	
33.	R. T. Waghmode	Android Legal Assistance Application: Bridging the Gap in Legal Access	International Journal of Scientific Research in Engineering and Management (IJSREM)
34.	R. T. Waghmode	Platform For Organ Donation and Transplantation Using Block chain	International Advanced Research Journal in Science, Engineering and Technology
35.	N. J. Deore	Survey on Indoor Navigation System Using QR Code and OSM	International Advanced Research Journal in Science, Engineering and Technology
36.	N. J. Deore	Driver Drowsiness Detection using IoT	International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)
37.	N. J. Deore	Survey Paper on Road Damage Detection and Reporting System Using Fully Connected CNN	International Journal of Scientific Research in Engineering and Management (IJSREM)
38.	N. J. Deore	Road Damage Detection and Reporting System Using Fully Connected CNN	International Advanced Research Journal in Science, Engineering and Technology
39.	N. J. Deore	Real Time Alertness Monitoring For Drivers	International Journal of Innovative Research in Science, Engineering and Technology
40.	N. J. Deore	Indoor Navigation System using QR Code and Augmented Reality	International Journal of Innovative Research in Computer and Communication Engineering
41.	N. V. Kamble	Crowd Funding Website using Block chain Technology	International Journal of Scientific Research in Engineering and Management
42.	N. V. Kamble	Citizen Connect: Real-Time Grievance Management App	International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET)
43.	A. N. Mhetre	Voice-Controlled Mobility: Revolutionizing Wheelchair Navigation	International Research Journal of Modernization in Engineering Technology and Science
44.	A. N. Mhetre	Practical Implementation And Performance Evaluation Of A Voice-Controlled Wheelchair System	International Research Journal of Modernization in Engineering Technology and Science
45.	A. N. Mhetre	A Survey Paper on Obesity Detection	International Journal of Scientific Research in Engineering and Management



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46.	A. N. Mhetre	Obesity Detection	International Journal of All Research Education & Scientific Methods
47.	V. M. Shinde	Deep Learning-Based Land Classification: A CNN Architecture for High-Accuracy Land Use Mapping	International Journal for Multidisciplinary Research (IJFMR)
48.	V. M. Shinde	Implementation Paper on E-Grampanchayat	International Journal Of Scientific Research In Engineering And Management
49.	V. M. Shinde	Medvision: Facial ID Health System	Journal Of Emerging Technologies And Innovative Research
50.	V. M. Shinde	MedVision: Facial ID Health System	International Journal of Scientific Research in Engineering and Management (IJSREM)
51.	V. M. Shinde	E Grampanchayat	International Journal of Scientific Research in Engineering and Management (IJSREM)
52.	B. B. Waghmode	Real Time Android-Based EV Charging Station Locator and Slot Booking	International Journal of Scientific Research in Engineering and Management (IJSREM)
53.	B. B. Waghmode	Real Time Android-Based EV Charging Station Locator and Slot Booking	Real Time Android-Based EV Charging Station Locator and Slot Booking
54.	B. B. Waghmode	Crowd Monitoring And Alert System	International Journal of Scientific Research in Engineering and Management (IJSREM)
55.	B. B. Waghmode	Crowd Monitoring and Alert System	Journal of Emerging Technologies and Innovative Research (JETIR)
56.	K. A. Shinde	A Survey on AI-CAMX: Automated Surveillance Camera System	International Journal of Innovative Research (IJIRSET)
57.	K. A. Shinde	AI-CAMX: Automated Surveillance Camera System	International Journal of Innovative Research (IJIRCCE)
58.	K. A. Shinde	Cyber Attack Detection	International Journal of Scientific Research in Engineering and Management (IJSREM)
59.	K. A. Shinde	Vehicle Accident Detection System	International Journal of Scientific Research in Engineering and Management (IJSREM)
60.	K. A. Shinde	Implementation Paper on Vehicle Accident Detection System	International Journal of Scientific Research in Engineering and Management (IJSREM)



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61.	S. D. Dighe	Android Based Solutions For Indian Agriculture	International Journal of Novel Research and Development
62.	S. D. Dighe	DocBlock: Block chain based Document Storage and Authentication System	International Advanced Research Journal in Science, Engineering and Technology