

**BHARATI VIDYAPEETH'S****COLLEGE OF ENGINEERING FOR WOMEN, PUNE**

Pune-Satara Road, Dhankawadi, Taluka – Haveli, Dist.- Pune

Accredited by NAAC with “A” Grade, Affiliated to Savitribai Phule Pune University (SPPU)

Approved by DTE. Govt. Of Maharashtra and AICTE, New Delhi

DTE Institute Code-EN6285, Pun Code-PU/PN/Engg. /150/2000

E-mail: -coewpune@bharatividyapeeth.edu

Website: - <http://coewpune.bharatividyapeeth.edu>**Publications in International/ National Journals (2023-2024)**

Department of Electronics and Telecommunication							
Sr. no.	Month and Year of Publication	Author Name	Title of Journal/Conference	Title of Publication	Volume /Issue	ISSN No	Indexing
1	Sept, 2023	Dr. S. R. Patil	International Journal of Wavelets, Multiresolution and Information Processing	Timber–Prairie Wolf Optimization-Dependent Deep Learning Classifier for Anomaly Detection in Surveillance Videos	Vol-21 Issue- 5	0219-6913	Scopus
2	June, 2023	Dr. S.L.Kore	Journal For Basic Sciences/Fangzhi Gaoxiao Jichukexue Xuebao	Real time face mask detection system	Vol-23 Issue- 6	1006-8341	Scopus
3	June, 2023	Dr. S.L.Kore	Journal For Basic Sciences/Fangzhi Gaoxiao Jichukexue Xuebao	Fake currency detection using recurrent neural network	Vol-23 Issue-6	1006-8341	Scopus
4	Aug, 2023	S. M. Bhilegao nkar	Electromagnetic Journal, Taylor & Francis	Dual Plane Monopulse Comparator Network System using Substrate Integrated Waveguide Hybrid Coupler	Vol-43 Issue-5	ISSN/I SBN: 0272-6343/1 532-527X	Scopus
5	June, 2023	Dr.S.M. Rajbhoj	Journal For Basic Sciences/Fangzhi Gaoxiao Jichukexue Xuebao	Melonoma Skin cancer Detection using deep Learning	Vol-23 Issue-6	1006-8341	Scopus

6	Jun, 2023	Prof. Dr. Chorage, S.S.	International journal of Engineering and Technology Innovation,	Design Optimization of a Capacitive Sensor for Mass Measurement of Nanometer-Sized Exhaust Carbon Particles	Vol-24	ISSN:2413-7146E-ISSN:2518-833X	Scopus
7	Jun, 2023	Prof.M.S. Kasar	Journal For Basic Sciences	Modern Loan Approval Prediction System Based on Machine Learning	Vol-23, Issue-6	365-373	Scopus
8	Aug, 2023	S.M. Bhilegao nkar	International Journal on Recent and Innovation Trends in Computing and Communication	Design and Performance Evaluation of Cavity-Backed SIW Antenna for Monopulse Applications	Vol-11 Issue-10	2321-8169	Scopus
9	Sept, 2023	S.M.Patil	International Journal on Recent and Innovation Trends in Computing and Communication	Medical estimating PF Machine Leraning and IoT in Melancholy among Diabetic Patients	Vol-11 Issue-10	2321-8169	Scopus
10	Feb, 2024	V.P.Mulik M.S. Kasar, A.P. Yadav, Dr.S.M. Rajbhoj, S.A. Itkarkar	Ecological Engineering and Environmental Technology	Enhancing Environmental Monitoring – A LoRa-Based Wireless Sensor Network Approach	Vol-25 Issue-4	2719-7050	Scopus
11	Mar, 2024	K.D. Mahajan, S.V. Shelke, .P.R. Yawle	Journal of Electrical System	Web-Based Application for Plant Leaf Disease Detection	Vol-20 Issue-1	1112-5209	Scopus
12	Mar, 2024	Dr.S.A. Dhole, Dr.S.M. Jagdale, R.R. Jain	International Journal of Intelligent Systems and Applications in Engineering	Dorsal Vein Recognition System Using Texture Features	Vol-12 Issue-20	2147-6799	Scopus
13	Mar, 2024	Dr.S. S. Salunkhe	NATURALISTA CAMPANO	Solar Mount Design Using High-Density Polyethylene	Vol-28 Issue-1	1827-7160	GS
14	Jun, 2023	Dr.S. S. Salunkhe	Journal For Basic Sciences	Iot Based Child Tracking And Safety System	Vol-23 Issue-6	26-32	Scopus

15	Jan, 2024	Dr.V.R. Pawar	Journal of Integrated Science and Technology.	Human Anomalous Activity detection with CNN-LSTM approach	Vol-12 Issue-1	2321-4635	Scopus
16	Jun, 2023	Dr.V.R. Pawar	International Journal of Engineering	Real Time Emotion Recognition with AD8232 ECG Sensor for Classwise Performance Evaluation of Machine Learning Methods	Vol-36 Issue-6	24237167	Scopus
17	Oct. 2023	Dr.V.R. Pawar	Journal of Integrated Science and Technology.	Role of visual examination and microstructure examination in development of Al-Si Alloy Foam	Vol-12 Issue-1	2321-4635	Scopus
18	Jul, 2023	Prof. Dr.V.R. Pawar	SSRG, International Journal of Electrical and Electronics Engineering	Facial Expression Recognition for Low Resolution Images using Local and Global Features with SVM Classifier	Vol-10 Issue-7	2348-8379	Scopus
19	Jul, 2023	Prof. Dr.V.R. Pawar	SSRG, International Journal of Electrical and Electronics Engineering	Deep Learning Based Depression Analysis using EEG and ECG Signals	Vol-10 Issue-7	2348-8379	Scopus
20	Jul, 2023	Prof. Dr.V.R. Pawar	Journal of Integrated Science and Technology.	Machine learning based approach for lesion segmentation and severity level classification of diabetic retinopathy	Vol-10 Issue-7	2321-4635	Scopus
21	Jul, 2023	R.R.Jain	Journal For Basic Sciences	Ultrasonic Vibrator And Audio Glove Third Eye For Blind Peoples	Vol-23 Issue-7	1006-8341	Scopus
22	June, 2023	R.R.Jain	ADALYA JOURNAL	Smart Glasses For The Visually Impaired People	Vol-12, Issue-6	1301-2746	GS
23	June, 2023	Y R Dhumal	Journal For Basic Sciences	Personality trait detection using deep learning based on handwriting	Vol-23 Issue-6	1006-8341	Scopus

24	April, 2024	K.R. Chaudhari	Journal of Pharmacology and Pharmacotherapeutics	Measurement of Nuchal Translucency Thickness in First Trimester Ultrasound Foetal Images Using Markov Random Field	Vol-15 Issue-1	0976-5018	Scopus
25	April, 2024	K.R. Chaudhari	Journal of Applied Pharmaceutical Research	Clinical investigations to calculate nuchal translucency using f-1net	Vol-12 Issue-1	2348-0335	Scopus
26	Mar, 2024	K.R. Chaudhari	Taru Publications	Low Rank Sparse Coefficient Based Nuchal Translucency Image Denoising	Vol-45 Issue-2	0252-2667	Scopus

Department of Computer Engineering

1	Jan-24	Prof. D.D.Pukale	Journal of Engineering Technologies and Innovative Research	Image Forgery Detection and Localization using Deep Learning	Volume 11 Issue 1	2349-5162	GS Indexed
2	Jan-24	Prof. D.D.Pukale	Journal of Engineering Technologies and Innovative Research	Weathernova: Deep learning powered image retrieval for weather analysis	Volume 11, Issue 1	<u>2349-5162</u>	GS Indexed
3	Dec-23	Prof. P.D. Kale	International Journal for Research in Applied Science & Engineering Technology	Diet Recommendation System using Machine Learning	Volume 11, Issue 12	2321-9653	GS Indexed
4	May-24	Prof. P.D. Kale	Journal of Emerging Technologies and Innovative Research (JETIR)	Comparative Analysis of Image Annotation Tools: Label Img,VGG,Annotator ,Label Studio, and Roboflow	Volume 11, Issue 5	2349-5162	GS Indexed
5	Nov-23	Prof.Dr.S .P. Kadam	Journal of Indian Association for Environmental Management	Assessing Emission and Reduction Strategies For Volatile Organic Compounds (VOCs) In Refinery	Volume 43, Issue 3	2582-4228	GS Indexed

6	Apr-24	Prof.Dr.S .P. Kadam	Journal Electrical Systems	The performance of Logistic Regression, Decision Tree, KNN, Naive Bayes and SVM for identifying Automotive Cybersecurity Attack and Prevention: An Experimental Study	Volume 20, Issue 2	1112-5209	GS Indexed
7	May-24	Prof.Dr.S .P. Kadam	International Journal of Intelligent Systems and Applications in Engineering	Predictive YOLO V7 Model of Dental Implant for Radiographic Images	Volume 12, Issue 18	2147-67992	GS Indexed
8	Apr-24	Prof.Dr.S .P. Kadam	Journal of Indian Association for Environmental Management	Advancement in Green and Eco-friendly Technologies for Industrial waste Remediation	Volume 44, Issue 1	2582-4228	GS Indexed
9	Dec-23	Prof.A.P. Kadam	International Journal of Creative Research Thought	Development of car loan web application using Cryptography	Volume 11, Issue 12	2320-2882	GS Indexed
10	Mar-24	Prof.A.P. Kadam	International Journal of Creative Research Thoughts(IJCRT)	Decentralized Blockchain Based Result Generation And Verification System	Volume 12, Issue 3	2320-2882	GS Indexed
11	Dec-23	Prof.V. D. Kulkarni	International Journal of Research and Analytical Reviews (IJRAR)	A System to Identify Threats on Social Media Conversations and Providing Preliminary Legal Actions	Volume 10, Issue 4	2348-1269	GS Indexed
12	Sep-23	Prof. K.S. Warke	The Indian Journal of Technical Education	Energy Audit and Energy Conservation Potential of Medical College	Volume 46, Issue 3	0971-3034	GS Indexed
13	2023	Prof. K.S. Warke	TuiginJishu Journal of Propulsion Technology	Sustainable Energy Assesment and Optimization for Higher Education Institute! A pathway to achieve SDG 7 and 12	Volume 44, Issue 6	1001-4055	Scopus Indexed

14	Sep-23	Prof.K.S. Sawant	International Journal on Recent and Innovation Trends in Computing and Communication	CNN based Blockchain Information Protection Model for Emerging Cloud Applications	Volume 12, Issue 1	2321-8169	Scopus Indexed
15	Nov-23	Prof.K.S. Sawant	International Journal of Creative Research Thoughts(IJCRT)	Lane and Speed Breaker Warning System for Vehicles	Volume 11, Issue 11	2320-2882	GS Indexed
16	Nov-23	Prof.K.S. Sawant	International Journal of Creative Research Thoughts(IJCRT)	Identification of Security Threats and Legitimate Status	Volume 11, Issue 11	2320-2882	GS Indexed
17	Jun-24	Prof.K.S. Sawant	Journal of Emerging Technologies and Innovative Research	Identification of Security Threats and Legitimate Status	Volume 11, Issue 6	2349-5162	GS Indexed
18	Dec-23	Prof. J.D. Jadhav	International Journal of Research and Analytical Reviews (IJRAR)	Unmasking Depression : Analyzing Disclosure Behavior on Social Media	Volume 10, Issue 4	2349-5138	GS Indexed
19	Oct-23	Prof.. J.D. Jadhav	International Journal on Recent and Innovation Trends in Computing and Communication	Automated Video and Audio based Stress Detection using Deep Learning Techniques	Volume 11, Issue 11	2321-8169	Scopus Indexed
20	Mar-24	Prof. K.D. Yesugade	Journal of Emerging Technologies and Innovative Research (JETIR)	DEEP LEARNING TECHNIQUES FOR DETECTION OF MYOPIC DISORDERS	Volume 11, Issue 3	2349-5162	GS Indexed
21	Jan-24	Prof. K.D. Yesugade	International Journal of Creative Research Thoughts(IJCRT)	Face detection and recognition for Criminal IdentificationSystem	Volume 12 , Issue 1	2320-2882	GS Indexed
22	Dec-23	Prof. K.D. Yesugade	Madhya Pradesh Journal of Social Sciences A biannually Journal of M. P. Institute of Social Science Research, Ujjain	AN EXPLORATORY STUDY OF VENTURE CAPITAL FUNDING TO FINTECH START-UPS IN INDIA	Volume 28 Issue 2	0973-855X	GS Indexed

23	May-24	Prof. K.D.Yesugade	International Research Jr. of Innovations in Engineering & Technology (IRJIET)	DEEP LEARNING TECHNIQUES FOR DETECTION OF MYOPIC DISORDERS	Volume 8 Issue 5	2581-3048	GS Indexed
24	Jun-24	Prof.Dr.S . A. Pawar	High Technology Lettters	Vision Based Empty Shelf Space Detection In Retail Application With Telegram Notification To Staff	Volume 30, Issue 6	1006-6748	GS Indexed
25	Feb-24	Prof.Dr.S . A. Pawar	International Journal of Information Technology	Evaluation of quality of service parameters for MQTT communication in IoT application by using deep neural network	Volume 16, Issue 2	2511-2104	Scopus Indexed
26	Jun-23	Prof.Dr.S . A. Pawar	International Journal of Intelligent Systems and Applications in Engineering	A Novel Stack Ensembled Approach for Emotion Recognition from EEG Signals: Performance and Robustness Analysis	Volume 11, Issue 7s	2147-679921	Scopus , Indexed
27	Jun-23	Prof. S.A. Karande	International Journal of Novel Research and Development	Face Mask Detection and Social distance monitoring with customized Convolutional Neural Network	Volume 8, Issue 6	2456-4184	GS Indexed
28	Jul-Aug-23	Prof. S.A. Karande	International Journal of Scientific Research & Engineering Trends	Anxiety Level Analysis through Real Time Image	Volume 9, Issue 4	2395-566X	GS Indexed
Department of Information Technology							

1	Mar, 2023	Prof. Dr. D. A.Godse	International Journal of Engineering Trends and Technology	Evaluation of Delay Parameter of MQTT Protocol	Vol-71 Issue-3	2231 – 5381	Scopus
2	Oct, 2023	Prof. Dr. D. A. Godse, Prof. Dr. N.A. Mulla	International Journal on Recent and Innovation Trends in Computing and Communication	Automated Video and Audio based Stress Detection using Deep Learning Techniques	Vol-11 Issue-11S	2321-8169	GS

3	Feb, 2024	Prof. Dr. K.A. Malgi	International Journal of Intelligent Systems and Applications in Engineering	Detecting Fraudulent Patterns: Real-Time Identification using Machine Learning	Vol-12 Issue-14	2147-6799	Scopus
4	Mar, 2024	Prof. Dr. K.A. Malgi	Journal of Electrical System	Breast Tumour Segmentation Using Advanced UNet with Saliency, Channel, and Spatial Attention Models	Vol- 20 Issue-1	1112-5209	Scopus & Web of Science
5	May, 2024	Prof. M. A. Rane	International Journal of Creative Research Thoughts	Accurate Prediction Of Sepsis In ICU Patients.	Vol-12 Issue-5	2320-2882	GS
6	Apr, 2024	Prof. M. A. Rane	International Journal of Innovative Research in Technology	Robotic Framework for Customer Care and Digital Marketing	Vol-10 Issue-11	2349-6002	GS
7	2023	Prof. S. A. Sagar	tuijin jish(journal of propulsion technology)	Sustainable Energy Assessment and Optimization for Higher Education Institute! A Pathway to Achieve SDG 7 and 12	Vol-44 Issue-6	1887-1896	Scopus
8	July-Sept, 2023	Prof. S. A. Sagar	Indian Journal of Technical Education(IJTE_IS TE Journal)	Energy audit and Energy conservation potential of Medical College	Vol-46 Issue-3	0971-3034	GS
9	Oct, 2023	Prof. S.A. Hadke	International Journal on Recent and Innovation Trends in Computing and Communication	Medical Estimating PF Machine Learning and IoT in Melancholy among Diabetic Patients	Vol-11 Issue-10	2321-8169	GS
10	Sep, 2023	Prof. Patil K.V., Prof. Rane M. A., Prof. Kanade A. V.	International Journal on Recent and Innovation Trends in Computing and Communication	CNN based Blockchain Information Protection Model for Emerging Cloud Applications	Vol-12 Issue-1	2321-8169	Scopus
11	Apr, 2024	Prof. K.V.Patil	International Journal of Creative Research Thoughts	Enhancing Traffic Scene and Understanding Through Image Captioning and Audio	Vol-12 Issue-4	2320 - 2882	GS

12	Apr, 2024	Prof. K.V.Patil	International Journal of Creative Research Thoughts	Intelligent Real Estate Assistant	Vol-12 Issue-5	2320 - 2882	GS
Department of Engineering Sciences & Allied Engineering							
1	May2024	Prof. Dr. P.V. Jadhav	Materials Today: Proceedings	A review of shape memory alloys in MEMS devices and biomedical applications			Scopus
2	Aug 2024	Prof. Dr. A. M. Pawar	Heliyon	Validation of effect of composite additive on optimized combustion characteristics of CI engine using AHP and GRA method	Volume 10 Issue15	2405-8440	Scopus
3	Oct, 2023	Prof. Dr. A. M. Pawar	International Journal on Recent and Innovation Trends in Computing and Communication	Local Industrialization Based Lucrative Farming Using Machine Learning Technique	Volume 11 Issue 10S	2321-8169	Scopus
4	July2023	Prof. Dr. A. M. Pawar	IEEE conference Proceedings	Vehicle Number Plate Detection using YoloV8 and Easy OCR			Scopus
5	Nov,2023	Prof. Dr. A. M. Pawar	IEEE conference Proceedings	Music Generation using RNN-LSTM with GRU			Scopus
6	2024	Prof. Dr. A. M. Pawar	E3S Web of Conferences	Transparency in Algorithmic Decision-making: Interpretable Models for Ethical Accountability	491, 02041		Scopus

7	Dec,2023	Prof. Dr. A. M. Pawar	Energy and Environment Focus	Optimized Design of Shell and Tube Heat Exchanger with Segmental Baffles	Vol.7 Issue 3	2326-3040	Scopus
8	Aug 2023	Prof. Dr. A. M. Pawar	Materials Today: Proceedings	Application of phase change material (PCM) in battery thermal management system (BTMS): A critical review			Scopus
9	Aug-2023	Prof. Dr. A. M. Pawar	10th National Conference on Recent Developments in Mechanical Engineering, RDME 2022	Diabetes prediction and drug administration using knowledge engineering approach	Volume 2890, Issue 1		GS
10	Aug-2023	Prof. Dr. A. M. Pawar	10th National Conference on Recent Developments in Mechanical Engineering, RDME 2022(Indexing: Scopus)	Face recognition using open CV and VGG 16 transfer learning	Volume 2890, Issue 1		Scopus
11	Aug-2023	Prof. Dr. A. M. Pawar	10th National Conference on Recent Developments in Mechanical Engineering, RDME 2022 (Indexing: Scopus)	Comprehensive review about automatic classification of medicinal plants	Volume 2779, Issue 1		Scopus
12	March 2024	Prof. M. A. Patwardhan	Journal of Optics (Springer Nature)	JO parameter analysis for Y2O3: Eu3+nanophosphor synthesis by novel low temperature combustion method with thioglycerol as fuel for near UV light emitting diode	Volume 53	ISSN: 0972-8821E - ISSN: 0974-6900	Scopus
13	Aug 2023	Prof. M. A. Patwardhan	Luminescence Formerly known as:Journal of Bioluminescence and Chemiluminescence (Indexing: SCI, Scopus, WOS)	Novel low-temperature synthesis of Y2-xO3:Eu3+nanophosphor using combustion with thioglycerol as fuel fornear-UV light-emitting diodes	Volume 38 Issue 11	ISSN: 1522-7235E - ISSN: 1522-7243	Scopus

14	Sept 2023	Prof. M. A. Patwardhan	Journal of Indian Water Works Association (UGC CARE)	Automation of Drinking Water Treatment Plant using Arduino UNO: A Prototype	Volume 55 Issue 03	0970-257X	Scopus
15	December, 2023	Prof. D. P. Chopade	Tuijin Jishu/Journal of Propulsion Technology	Advancing Power Quality: A Multilevel Inverter-Based Shunt Hybrid Active Filter for Optimal Performance in Distribution Systems	Vol.44 No. 6	ISSN: 1001-4055	Scopus
16	July-September 2023	Prof. D. P. Chopade	INDIAN JOURNAL OF TECHNICAL EDUCATION	Energy Audit and Energy Conservation Potential of Medical College	46,no.3	ISSN 0971-3034	Scopus
17	March 2024	Prof. D. P. Chopade	Journal of Information and Optimization Sciences	Low rank sparse coefficient based nuchal translucency image de-noising	Vol.45 Issue-2	ISSN: 2169-0103	Scopus
18	Sept-2023	Prof. Dr. S. S. Jadhav	Polymer-Carbonaceous Filler Based Composites for Wastewater Treatment (Indexing: Scopus)	Polymer-Activated Carbon Composites for Wastewater Treatment		97810 03328 094	Scopus
19	Sep-2023	Prof. Dr. S. S. Jadhav	International Journal of Environmental Analytical Chemistry (Indexing: SCI, Scopus)	Microbial Consortia for industrial waste bioremediation: an insight to related patents	Vol.103 Issue 19	0306-7319	Scopus
20	Sept 2023	Prof. Dr. S. S. Jadhav	Activated Charcoal for Environmental Sustainability(Indexing: Scopus)	The Use of Activated Charcoal for Environmental Protection and Remediation		979-8-88697-916-9	Scopus

21	Sept-2023	Prof. K.B.Naik wadi	Fake News Detection	International Journal on Recent and Innovation Trends in Computing and Communication	Volume: 11	2321-8169	
22	Sept-2023	Prof. Dr. M. K. Kapse	Fake News Detection	International Journal on Recent and Innovation Trends in Computing and Communication	Volume: 11	2321-8169	




Prof. Dr. Pradeep Jadhav
Principal, BVCOEW, Pune
PRINCIPAL
 Bharati Vidyapeeth's
 College of Engineering for Women
 Pune-Satara Road, Pune-411043.

