



Yashoda Shikshan Prasarak Mandal's

Yashoda Technical Campus, Satara

JOURNAL PUBLICATIONS

Sr. No.	Title of paper	Name of the author/s	Faculty / Department	Name of Journal	Year of publication	Type of Publication
1	Load frequency control and optimization of load allocation for multi-area power system with electric vehicle charging load,	Dr. N. M. Jamadar & Prof. S. N. Jamadar	Electrical Engg	Jordan Journal of Electrical Engineering	2024-25	Web of Science
2	Drought Investigation Of Rainfall For Crop Planning In A Semi Arid Region, Western Maharashtra, India	Abhijit M. Zende, Pratik S. Matkar, Chandrahas B. Patil, Ajinkya S. Shah	Civil Engg	Gis Science Journal ISSN NO : 1869-9391	2024-25	UGC Care
3	Proposed Sustainable Development in the Kera River Basin, Western Maharashtra, India: Insights from Morphometric Analysis	Abhijit M. Zende, Alfaj N. Shaikh, Prashant G. Borate, Ashwini V. Salave	Civil Engg	Advances in Science and Technology of water Resources ISSN: 1006-7647	2024-25	Scopus
4	High Performance Computing for Large Scale Civil Engineering Simulations	Dr. Shubhangi A. Kakade	Civil Engg	Advances in Nonlinear Variational Inequalities ISSN: 1092-910X	2024-25	Scopus
5	Artificially Intelligent Strength of Tertiary Cement Concrete, Natural Aggregate Is Anglized with Recycled Aggregate	Dr. Shubhangi A. Kakade	Civil Engg	Advances in Nonlinear Variational Inequalities ISSN: 1092-910X	2024-25	Scopus
6	Smart Surveillance System using ESP32 CAM	S.v. Balshetvar, Ganesh Rane, Sanket Lohar, Kartik Pawar, Rushikesh Katkar	CSE	MAT Journals	2024-25	UGC-CARE
7	Next-Gen Street Lighting Technology	Namrata Pawar, Neha Kumbhar, Ankita Sanas, Vaishnavi Mahamulkar, Suraj Nalawade	CSE	MAT Journals	2024-25	UGC-CARE
8	E- Vehicle Charging Station	Mr. Shashikant Kailas Shinde, Mr. Atharv Shridhar Bakare, Mr. Shivkumar Vijaykumar Sapkal, Kiran P. Jagtap	CSE	IJCRT	2024-25	UGC-CARE
9	AI Driven Personalized Recipe Generator	Namrata Pawar, Neha Kumbhar, Ankita Sanas, Vaishnavi Mahamulkar, Prof. Shital Waghmare	CSE	Journal of Interdisciplinary Cycle Research	2024-25	UGC-CARE
10	Explainable AI for Automated Loan Approval Systems: A Review	Rutuja Pise, Sakshi Devkule, Mansi Yadav, Aniket Shirke, Aditya Yadav, Prof. Chavan V.	CSE	Journal of Interdisciplinary Cycle Research	2024-25	UGC-CARE
11	IoT Garage Sentry: A Smart Solution for Secure Access	Balshetwar, S. V., Riya Desai, Sangramsinh Shinde, Utkarsha Velhal	CSE	MAT Journals	2024-25	UGC-CARE
12	Mind Mend: Mental Health Support System	Archana Gadage, Sakshi Chavan, Pranali Chavan, Ganesh Rane, Vikas Chavan	CSE	IJCRT	2024-25	UGC-CARE
13	AI-Based Study Planner	Mr. Prathmesh Surykant Chavan, Miss. Saniya Narayan Nikam, Miss. Divya Parappa Chikodi, Mr. Rishikesh Dadaso Katkar, Mrs. R.M. Mandhare	CSE	IJCRT	2024-25	UGC-CARE
14	A Machine Learning Framework for Identifying and Preventing DDoS Attacks in Real-Time	Dineshkumar P, Vaishnavi S. Shinde, Amruta R. Shinde, Sneha Mahesh Ghadge, Snehal Dilip Pawar	CSE	MAT Journals	2024-25	UGC-CARE
15	Personal Pulse Fitness	Smita Dnayndev Jadhav, Sakshi Sonmath rajput, Aishwarya Prashant katkar, Aditya Mahadev Nanaware, Prof. Soniya Atpadkar	CSE	IJCRT	2024-25	UGC-CARE
16	Design and Characterization of Trehalose Coated Aquasomes Loaden with Ciprofloxacin	A. Ghorpade, O. Kale, B. Chaudhari, V. Redasani	Pharmacy	International Journal of Pharmaceutical Sciences Review and Research	2024-25	Scopus
17	pH-Sensitive Nanoparticles of Mesalamine and Curcumin for the Treatment of Ulcerative Colitis	N.B. Waghmode, B.P. Chaudhari, V.K. Redasani	Pharmacy	International Journal of Pharmaceutical Sciences Review and Research	2024-25	Scopus



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18	Formulation and Evaluation of Chitosan based Myrtle oil Microspheres Loaded Rectal Suppositories for the Treatment of Haemorrhoids	M.U.Kamble, B.P. Chaudhari, V.K. Redasani	Pharmacy	International Journal of Pharmaceutical Sciences Review and Research	2024-25	Scopus
19	Tissue Adhesive: A novel trend in wound healing by using Udumbara bark extract.	A. B. Velhal, P.D. Jadhav, A. Bhongale, S.Patil, D.Waghmare, R. Devale, P. Kadam	Pharmacy	African Journal of Biomedical Research	2024-25	Scopus
20	Evaluation of Formulation Development And Stability Studies of Liquisolid Drug Metoprolol Succinate	A.Kumar, S.R. Dharmalingam, S.K.Singh, A. Saxena, P. Pakalapati, L.Yaidikar, A.T. Thorat, R. Samanta	Pharmacy	Frontiers in Health Informatics	2024-25	Scopus
21	Design and development of energy management system for solar electric vehicle with dynamic power split approach	Prof. S. N. Jamadar	Electrical Engg	Australian Journal of Electrical and Electronics Engineering, Taylor & Francis	2023-24	Scopus
22	Series energy management strategy for effective utilization of solar energy in electric vehicle	Dr. N. M. Jamadar	Electrical Engg	Life Cycle Reliability and Safety Engineering, Springer	2023-24	Scopus
23	Reliability assessment of MPPT in solar electric vehicle for reducing the electricity demand from grid	Dr. N. M. Jamadar & Prof. S. N. Jamadar	Electrical Engg	Life Cycle Reliability and Safety Engineering, Springer	2023-24	Scopus
24	Investigation on 1-Propanol Electronic mode of fumigation on diesel engine performance and emission Fueled with diesel and lemongrass biodiesel blend using AHP- COPRAS	Dr. T. R. Shinde	Mech Engineering	Energy Conversion and Management: X	2023-24	Web of Science
25	Effects of machining parameters on dry turning operation of Nickel 200 alloy	Dr. T. R. Shinde	Mech Engineering	International Journal on Interactive Design and Manufacturing (IJIDeM)	2023-24	Web of Science
26	Mathematical modeling for radial overcut on powder mixed micro-electrical discharge machining (μ -EDM) of TZM-molybdenum superalloy by response surface methodology	Dr. T. R. Shinde	Mech Engineering	International Journal on Interactive Design and Manufacturing (IJIDeM)	2023-24	Web of Science
27	Experimental Analysis of Heat Transfer Post Quenching of Medium Carbon Steel	Dr. T. R. Shinde	Mech Engineering	SAE International	2023-24	Scopus
28	Failure Analysis of Cryogenically Treated and Gas Nitrided Die Steel in Rotating Bending Fatigue	Dr. T. R. Shinde	Mech Engineering	SAE International	2023-24	Scopus
29	Experimental investigation of heat transfer characteristics of inclined aluminium two phase closed thermosyphon	Dr. T. R. Shinde	Mech Engineering	DE Gruyter	2023-24	Web of Science
30	Design and Development of high precision Scanning Flexural Mechanism Using PID	Dr. T. R. Shinde	Mech Engineering	Recent Advances in Operations Management and Optimization	2023-24	Scopus
31	Comparative Study of Biochar Mortar with Traditional Mortar	Mr. Patil Chandras B., Mr. Shaikh Alfaj N.	Civil Engg	IJARESM Volume 12, Issue 06, June 2024	2023-24	UGC Care
32	Smart Water Management System	Prof. J. H. Patel	ETC	Journal of Emerging Technologies and Innovative Research Volume 11, Issue 6, June 2024	2023-24	UGC-CARE
33	AI-VERSE: Transformative Coding Education with LLM's	S.V.Balshetwar, Aman Kadam, Arbij Pathan, Abhishek Sarakale, Amit Kashid	CSE	MAT Journals	2023-24	UGC-CARE



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34	VPN Application for Android	Prasad Bebale, Pramod Shirke, Prajwal Sawant, Prasad Bhilare, Vishal Jadhav, Ashwini Kadam	CSE	MAT Journals	2023-24	UGC-CARE
35	Blind Safety Application: Stay Alert, Stay Secure	Neha Bobade, Shrijeet Desai, Shruti Keasarkar, Suraj Nalawade	CSE	MAT Journals	2023-24	UGC-CARE
36	UrbanNav: Navigating Cities, Unveiling Adventures	Nirmalkumar Kadam, Pranjali Lokhande, Siddhi Shedge, Rohit Wagh, K.P. Jagtap	CSE	MAT Journals	2023-24	UGC-CARE
37	Furniture placement Application Using Augmented Reality	K.P. Jatap, Athrva Kadam, Prashant Chavan, Pranav Bhosale, Mosim Pathan, Aditya	CSE	MAT Journals	2023-24	UGC-CARE
38	Intellichat: Empowering Meaningful Conversations with AI	Anand Shinde, Yash Dhabdhabe, Raviraj Katkar, Suraj Rajaram Nalawade	CSE	MAT Journals	2023-24	UGC-CARE
39	Soldier Health & Position Tracking System	Sakshi Shinde, Ajinkya Chavan, Nikita Nikam, Aishwarya Ghorpade, Najiya Mulani, Suraj Nalawade	CSE	Industrial Engineering Journal	2023-24	UGC-CARE
40	Nurture Nest-Smart Cradle System	S.R. Nalawade, Pratik Pawar, Prachi Pawar, Revati Pandit	CSE	MAT Journals	2023-24	UGC-CARE
41	Performance Analysis of Cotton Leaf Disease Detection System	Dasganu Hakk, Aditi Raut, Sanika Kurade, Pratiksha Musale, Kirti Asabe	CSE	MAT Journals	2023-24	UGC-CARE
42	A Novel Placement Prediction System	Chinmani Adhav, Sanika Pol, Gayatri Shinde, Pranali Bhanage, Kajal Rathod, Dasganu Hakke	CSE	MAT Journals	2023-24	UGC-CARE
43	Performance evaluation of machine learning-based intrusion detection using UNSW-NB15 and CICIDS2017 datasets	Dasganu Hakke, Aniket Dixit, Thorat S.B.	CSE	Journal of Xidian University	2023-24	UGC-CARE
44	Analysis of machine learning based intrusion detection system	Dasganu Hakke, Aniket Dixit, Thorat S.B.	CSE	Strad Research	2023-24	UGC-CARE
45	Arduino Based Wireless Digital Notification Board	S.V. Balshetwar, Rutuja Pise, Sakshi Devkule, Mansi Yadav, Aniket Shirke	CSE	MAT Journals	2023-24	UGC-CARE
46	Ecosense: Smart Green House Monitoring System	Anand Shinde, Yash Dhabdhabe, Raviraj Katkar, Shrivani Katkar, S.V. Balshetwar	CSE	MAT Journals	2023-24	UGC-CARE
47	Arduino Based Wireless Digital Notification Board	S. V. Balshetwar, Rutuja Pise, Sakshi Devkule, Mansi Yadav, Aniket Shirke	CSE	MAT Journals	2023-24	UGC-CARE
48	Development of Real-Time Automobile Monitoring System based on IoT and Cloud	S. V. Balshetwar, Shreyash Dude, Nishant Bodare, Om Kadam	CSE	MAT Journals	2023-24	UGC-CARE
49	Enhanced Women Safety and Security System based on Internet of Things	S. V. Balshetwar, Ankita Phalke, Sanjana Jagdale, Divya Chikodi	CSE	MAT Journals	2023-24	UGC-CARE
50	Fabrication of Chitosan Nanocomposites Loaded with Biosynthetic Metallic Nanoparticles and Their Therapeutic Investigation	V. Redasani, S. Gracias, M. Ayyanar, G. eramaiyan, M. Kalaskar	Pharmacy	Environmental Research	2023-24	Scopus
51	Isolation and Characterization of Anti-Inflammatory Compounds From Ficus Microcarpa L.F. Stem Bark	M. Kalaskar, V. Redasani, M. Ayyanar, M. Ghante, S. Firke, K. Agrawal, V. Ghawate, S. Surana	Pharmacy	Plants	2023-24	Scopus
52	Development and Validation of UV Spectrophotometric Method for the Determination of Ibuprofen by Using Quality by Design (QBD) Approach	A Mali, S Bhilare, B. P. Chaudhari, V. K. Redasani	Pharmacy	International Journal of Pharmaceutical Sciences Review and Research	2023-24	Scopus



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53	Role Of Aminated Derivatives Of Natural Gum In Release Modulating Matrix System Of Losartan Potassium	S. B. Kalbhare, R. K. Pawar, Dr. V.K. Redasani , A. B. Yadav, V.R. Mohite, V. B. Kadam	Pharmacy	International Journal Of Pharmaceutical Sciences And Nanotechnology	2022-23	Scopus
54	Reliability Assessment Of MPPT In Solar Electric Vehicle For Reducing The Electricity Demand From Grid	Najmuddin M. Jamadar, Sakshi Hadge	Electrical Engineering	Life Cycle Reliability And Safety Engineering	2022-23	Web of Science
55	Fake News Detection In Social Media Based On Sentiment Analysis Using Classifier Techniques	Sarita V Balshetwar Abhilash RS & Dani Jermisha R	Computer Science and Engineering	Multimedia Tools And Applications	2022-23	Web of Science
56	A Secure Authentication Protocol For Healthcare Service In Iot With Q-Net Based Secret Key Generation	Mahajan Rupalia, Chavan Smitab, Ajalkar Deepika Amol, S V Balshetwar, Khadkikar Prajakta	Computer Science and Engineering	ESCI Journal Web Intelligence, Vol. Pre-Press, No. Pre-Press, Pp. 1-27, 2023	2022-23	Web of Science
57	Review On Sorting Techniques Visualizer	Dr.S.V.Balshetwar, Muskan Hanif Shaikh, Aarti Madhukar Palande, Aishwarya Anand Kumbhar, Rutuja Arjun Mane	Computer Science and Engineering	Conference World	2022-23	UGC Care
58	Disease Prediction System	Shikalgar A. A., Tanuja D. Supekar, Aishwarya A. Shinde, Arpita S. Phadtare, Shraddha S. Potekar	Computer Science and Engineering	International Journal Of Scientific Research In Engineering And Management (JSREM)	2022-23	Scopus
59	QUIZZLES: Test Your Skills And Become A Master	Hingouri Tapase, Miss. Neha Bobade, Mr. Shrijeet Desai and Miss. Shruti Kesarkar	Computer Science and Engineering	International Journal Of Applied Engineering Research	2022-23	Scopus
60	SCANNING & DETECTION OF VIRUS USING CRYPTOGRAPHIC HASH FUNCTION	Hingouri O.Tapase, Bhavika N. Oswal, Kajal N. Katkar, Rutuja A. More, Raturaj R. Jadhav	Computer Science and Engineering	International Research Journal Of Modernization In Engineering Technology And Science	2022-23	UGC Care
61	Criminal Detection Through Facial Recognition	Nalawade Suraj, Shinde Ayush Sanjay, Ghorpade Utkarsh kishor, Navgane Aditya Suresh, Gaikwad Anuj Ajit,	Computer Science and Engineering	International Journal Of Scientific Research In Engineering And Management (JSREM)	2022-23	UGC Care
62	Online Library Management System Through Android Application	Bhokare U M , Chavan Rohan , Jadhav Surekha	Computer Science and Engineering	International Journal For Scientific Research & Development	2022-23	UGC Care
63	Customer Recommendation And Notification Using Artificial Intelligence And Machine Learning	Dr. S V Balashetwar, Dr. GG Chiddarwar, Dr. B Vasagi	Computer Science and Engineering	Neuroquantology	2022-23	UGC Care
64	A Review Paper On Social Distance Detection Using Deep Learning	K P Jagtap, Mangesh Deshmukh, Raj shinde, Abhishek kale, Kedar shikare	Computer Science and Engineering	International Journal Of Progressive Research In Science And Engineering	2022-23	UGC Care
65	Notification System Using Cloud	K P Jagtap, Pawar Shubham, Ithape Prasanna, Taralekar Shubham, Bagwan Akib,	Computer Science and Engineering	International Journal Of Scientific Research In Engineering And Management	2022-23	UGC Care
66	NFT Music Marketplace	Tapase H O, Bhoite Kshitij Sujit, Pawar Amardeep Vivek, Soni Ayush Lalchand, Momin Huzefa Ajamuddin	Computer Science and Engineering	International Journal Of Scientific Research In Engineering And Management (JSREM)	2021-22	UGC Care
67	Blockchain Based Record Date Management System Using Artificial Intelligence	Dr. S V Balashetwar	Computer Science and Engineering	Neuroquantology	2020-21	UGC Care
68	Effect Of Deep Cryogenic Treatment On Corrosion Behavior Of AISI H13 Die Steel	Dr. Tarang R. Shinde	Mechanical Engineering	Materi Als, MDPI	2020-21	Web of Science
69	Citric Acid Cross Link Carboxymethyl Cellulose-Polyvinyl Alcohol Hydrogel Films For Extended Release Of Water Soluble Basic Drugs	V S Ghorpade, A.V.Yadav, R.J.Dias K.K.Mali	Pharmacy	Journal Of Drug Delivery Science And Technology	2018-19	Scopus



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Sr. No.	Title of paper	Name of the author/s	Faculty / Department	Name of Journal	Year of publication	Type of Publication
70	Design, Development And Evaluation Of Self Nanoemulsifying Drug Delivery System Of Garlic Oil Using Capryol PGMC	Priyanka Sangar	Pharmacy	Indian Journal Of Pharmaceutical Education And Research	2018-19	Scopus
71	Synthesis And In Vitro Antimycobacterial Potential Of Novel Hydrazones Of Eugenol	Sachin H Rohane, Ashlesha J Chauhan, Neeraj Kumar Fuloria, Shivkanya Fuloria	Pharmacy	Arabian Journal Of Chemistry	2018-19	UGC Care
72	Freeze Dried Multicomponent Inclusion Complexes Of Quercetin: Physicochemical Evaluation And Pharmacodynamics Study	AS kulkarni, R.J.Dias, VS Ghorpade	Pharmacy	Journal Of Research In Pharmacy	2018-19	Scopus
73	Delaying Effect Of Polyherbal Formulation On Cataract In Stz-In Ic Induced Diabetic Wistar Rat	K K mali, S S ligade, R.J.Dias	Pharmacy	Indian Journal Of Pharmaceutical Sciences	2018-19	Scopus
74	In Silicostudy For Prediction Of Multiple Pharmacological Activities Of Novel Hydrazine Derivatives	S H Rohane, Ashlesha makwana	Pharmacy	Indian Journal Of Chemistry	2018-19	Scopus
75	Extraction, Characterization And Functionalization Of Tamarind Gum	K K mali, S S ligade, R.J.Dias	Pharmacy	Research Journal Of Pharmacy And Technology	2018-19	Scopus
76	Citric acid crosslinked carboxymethylcellulosepoly (ethyleneglycol) hydrogel films for delivery of poorly soluble drugs	V S Ghorpade, AV Yadav, R J Dias, K K Mali	Pharmacy	International Journal of Biological Macromolecules	2018-19	Web of Science