



Shetkari Shikshan Prasarak Mandal's

Jaywant College of Engineering and Polytechnic, K. M. Gad

(Approved by AICTE, New Delhi, DTE, Govt. of Maharashtra, Affiliated to DBATU, Lonere & MSBTE Mumbai)

Research and Development Department

Research Paper Publication Details

Details list of Research Paper Publications (National & International) and Conferences Attended ((National & International)) of JCEP Faculty Member's till date are as follows:

Sr. No.	Name of Faculty	Title of the Research Paper	Name of the Journal / Conference	Vol. No. / Issue No. and Year	Type of Paper Publication/ s (NJ / NC / IJ / IC)
Year 2024-25					
1	Prof.R. V. Pethkar	Development of Cow Dung Collecting Machine and Poultry Manure Collecting Machine	International Research Journal of Modernization in Engineering Technology and Science (IRJMETS)	Volume 6 Issue 6 June 2024	IJ
2	Prof.R. V. Pethkar	Design & Manufacturing Of Pipe Friction Apparatus	International Research Journal of Modernization in Engineering Technology and Science (IRJMETS)	Volume 6 Issue 6 June 2024	IJ
3	Prof.R. V. Pethkar	Design and Development of Density Calculator	International Research Journal of Modernization in Engineering Technology and Science (IRJMETS)	Volume 6 Issue 5 May 2024	IJ
4	Prof.R. V. Pethkar	Design & Manufacturing Of Reynolds Experiment Set Up	International Research Journal of Modernization in Engineering Technology and Science (IRJMETS)	Volume 6 Issue 3 March 2024	IJ
5	Prof.R. V. Pethkar	Evaluating importance of AI in Robotics and Automation in Healthcare for Different age Groups	2024 International Conference on Healthcare Innovations, Software and Engineering Technologies (HISSET)	IEEE Page(s):363 – 366,2024, DOI: 10.1109/HISSET61796.2024 18-19 Jan. 2024	IC
6	Prof. N. S. Pisal	Participated	Healthcare Innovation, Software and Engineering Technologies	18-19 January 2024	IC
7	Prof. R. V. Pethkar	Participated	Healthcare Innovation, Software and Engineering Technologies	18-19 January 2024	IC
8	Prof. S. A. Khalkar	Participated	Healthcare Innovation, Software and Engineering Technologies	18-19 January 2024	IC





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9	Prof S.G. Dalavi	Participated	Healthcare Innovation, Software and Engineering Technologies	18/01/2024	IC
10	Prof. S. S. Patil	Participated	Healthcare Innovation, Software and Engineering Technologies	18/01/2024	IC
11	Prof. Shrikant R. Kadam	Studying the fundamental of IoT in Healthcare Applications	Healthcare Innovation	18/01/2024	IC
12	Prof. Shrikant R. Kadam	Increasing approach towards health care informatics and data analytics in medical science	Healthcare Innovation	18/01/2024	IC
13	Ms.ShwetaA.Kadam	Innovation Shaping Future Healthcare	Healthcare Innovation	18/01/2024	IC
14	Dr.Ashish N. Patil	Innovation Shaping Future Healthcare	Healthcare Innovation	18/01/2024	IC
15	Dr.Ashish N. Patil	A Novel Approach for understanding ideology	ICICEEE	14/02/2022	IC
16	Dr.Ashish N. Patil	Transforming Data Governance with metadata : A Key to Big Data Management	Elsevier	2024 Vol. 73	IC
17	Prof. A.S.Yadav	Solar Based UPS	International Journal for Research in Applied Science & Engineering Technology	Volume13 Issue 6 June 2025	IJ
18	Prof. V.S.Sonake	Automatic Power Factor Correction and IOT Power Consumption Monitoring	International research Journal of Modernization in Engineering Technology and Science	Volume 7 Issue 6 June 2025	IJ
19	Prof. V.P.Mohite	Solar powered DC Systems for Domestic Electrification and Rural Application	International research Journal of Modernization in Engineering Technology and Science	Volume 6 Issue 5 May 2024	IJ



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20	Prof. V.P.Mohite	Sprayer and Irrigation System by Solar Energy	International research Journal of Modernization in Engineering Technology and Science	Volume 6 Issue 5 May 2024	IJ
21	Prof. V.P.Mohite	IOT BASED Robotic Car for Railway Track Crack Detection System	International research Journal of Modernization in Engineering Technology and Science)	Volume 9 Issue 5 May 2024	IJ
22	Prof. V.S.Sonake	Battery Management System	International research Journal of Modernization in Engineering Technology and Science)	Volume 7 Issue 6 June 2025	IJ
23	Prof.S. N..More	Dynamic Approaches of Information Technology in the betterment of Hospitals	IJSREM Journal	18-19 Jan 2024	IJ
24	Prof.S. N..More	Application of Ordinary Differential Equation	IJSREM Journal	11Nov 2024	IJ
25	Prof.S. N..More	Review paper on Application Laplace Transform in Engineering	IJSREM Journal	7 July 2024	IJ
26	Prof.R.E.Pawar	Application of sap Material Management Module Software in Construction Industry	International research Journal of Modernization in Engineering Technology and Science	May 2024	IJ
27	Dr.U.S.Sutar	Utilization of technologies in the wearable devices and sensors for heath and healthcare	International Conference on HISET	2023-24	IC
28	Prof. Z.V.Patil	Developing remote healthcare technologies by increasing impact of telemedicine	International Conference on HISET	2023-24	IC
29	Prof. Z.V.Patil	Smart wheel chair by using ARDUINO	IRIMETS(International Journal Paper)	2023-24	IJ



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30	Prof P.A.Yadav	Conceptual Importance of imaging and signal processing in the medical scienc	International Conference on HISET	2023-24	IC
31	Prof P.A.Yadav	Hand gesture recognition using machine learning	IJIERT (International Journal Paper)	2023-24	IJ
32	Prof.M.A.Natu	Elevated seizure detection performance using advanced EEG signal processing	Journal Paper	2024	IJ
33	Ms.P.R.Patil	ESP32 temperature control project with an emphasis on energy efficiency	IJASR, International Journal Paper	2023-24	IJ

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