



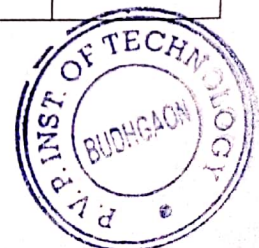
Dr.V.P.S.S.M.s  
Padmabhooshan Vasantraodada Patil Institute of Technology,  
Budhgaon.- 416 304

Department of Electronics & Telecommunication Engg.

Faculty Publications

YEAR 2023-24

Sr. No	Faculty Name	Title of Paper	Publication	Month & Year of Publication
1	Dr. M. S. Chavan	Forest Fire Detection Using IoT	International Journal of Scientific Research in Engg and Management Volume: 7, Issue: 7, ISSN2320-2882	July 2023
2	Dr. M. S. Chavan	Smart Ultra-Violet Disinfection Box	International Journal of Scientific Research in Engg and Management Volume: 7, Issue: 7, ISSN2320-2882	July 2023
3	Dr. M. S. Chavan	IoT Based Forest Surveillance System	GIS Science Journal Vol-10, Issue-10, pp 56-61 ISSN 1869-9391	OCT 2023
4	Dr. M. S. Chavan	Smart Ultraviolet Disinfection Box	GIS Science Journal Vol-10, Issue-10, pp 56-61 ISSN 1869-9391	OCT 2023
5	Dr. M. S. Chavan	Smart Helmet for Making Motorcycle Ride Safer	International Journal of Scientific and Research in Engg and Management Volume: 8, Issue: 5, ISSN: 2582-3930	May 2024
6	Dr. M. S. Chavan	Face Recognition Attendance System	International Journal of Science and Research in Engg and Management Volume: 8, Issue: 5, ISSN: 2582-3930	May 2024
7	Dr. M. S. Chavan	Battery Management System	International Journal of Science and Research in Engg and Management Volume: 8, Issue: 5, ISSN: 2582-3930	May 2024
8	Dr. D. B. Kadam	IR and Peltier Effect Based Solar Food Dryer System	International Journal of Science and Research in Engg and Management Volume: 8, Issue: 5, ISSN: 2582-3930	May 2024
9	Dr. D. B. Kadam	Contactless EV Charging System	International Journal of Creative Research Thoughts Volume: 12, Issue: 5, pp 854-862 ISSN 2320-2882	May 2024
10	Dr. A. G. Patil	The Smart Agriculture Robot	International Journal of Creative Research Thoughts Volume: 12, Issue: 5, pp 746-750 ISSN 2320-2882	May 2024
11	Dr. A. G. Patil	Temperature Data Logger With Timestamps For Medicine Cooler Box	International Journal of Creative Research Thoughts Volume: 12, Issue: 5, pp 358-360 ISSN 2320-2882	May 2024





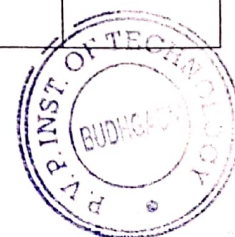
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**Department of Electronics & Telecommunication Engg.**

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Sr. No	Faculty Name	Title of Paper	Publication	Month & Year of Publication
12	Dr. S. V. Phakade	Microcontroller Based Home Appliances Controlling System Using GSM Mobile	International Journal of Creative Research Thoughts Volume: 12, Issue: 5, pp 390-393 ISSN 2320-2882	May 2024
13	Dr. S. V. Phakade	Solar Radiation Acquisition and Data Analysis Using Arduino	International Journal of Scientific and Research in Engineering and Management Volume: 8, Issue: 5, ISSN: 2582-3930	May 2024
14	Dr. Mrs. S. S. Sankpal	Face Recognition Attendance System	International Journal of Scientific and Research in Engineering and Management Volume: 8, Issue: 5, ISSN: 2582-3930	May 2024
15	Dr. Mrs. S. S. Sankpal	Smart Dustbin	International Journal of Creative Research Thoughts Volume: 12, Issue: 5, pp 390-393 ISSN 2320-2882	May 2024
16	Dr. B. P. Kulkarni	Real Time Environmental Parameter Monitoring System Using NodeMCU & Raspberry PI	International Journal of Creative Research Thoughts Volume: 12, Issue: 5, pp 390-393 ISSN 2320-2882	May 2024
17	Dr. B. P. Kulkarni	IOT Based Smart Door Lock System Using OPENCV	International Journal of Creative Research Thoughts Volume: 12, Issue: 5, pp 390-393 ISSN 2320-2882	May 2024
18	D. O. Shirsath	Machine Learning-Based Music Player Using Face Recognition	Journal of Emerging Technologies and Innovative Research Vol. 10 Issue-07, ISSN 2349-5162	July 2023
19	D. O. Shirsath	Smart Vehicle	International Journal of Novel Research and Development Volume: 8, Issue: 8, pp 695-697 ISSN 2456-4184	Aug 2023
20	D. O. Shirsath	Efficient Timetable Creator	International Research Journal of Engineering and Technology Volume: 11, Issue: 6, ISSN: 2349-5138	May 2024
21	D. O. Shirsath	Density Based Traffic Light Control Using Turtle Graphics	International Research Journal of Engineering and Technology Volume: 11, Issue: 6, ISSN: 2395-0072	June 2024





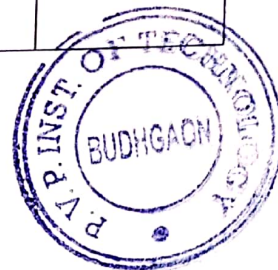


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Sr. No	Faculty Name	Title of Paper	Publication	Month & Year of Publication
22	C. M. Patil	Review of Android Activity Development: Best Practices, Challenges, and Future Directions	International Journal of Innovative Research in Science Engineering and Technology Volume: 13, Issue: 5, ISSN: 2319-8753	May 2024
23	C. M. Patil	Smart Helmet for Making Motorcycle Ride Safer	International Journal of Scientific and Research in Engineering and Management Volume: 8, Issue: 5, ISSN: 2582-3930	May 2024
24	C. M. Patil	Automatic Fire Fighting Robot Car Using Arduino	International Journal of Scientific and Research in Engineering and Management Volume: 8, Issue: 5, ISSN: 2582-3930	May 2024
25	C. M. Patil	Smart Vertical Farming	International Journal of Scientific and Research in Engineering and Management Volume: 8, Issue: 5, ISSN: 2582-3930	May 2024







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YEAR 2022-23

Sr. No	Faculty Name	Title of Paper	Publication	Month & Year of Publication
1.	Dr. M. S. Chavan	Autonomous Landmine Tracker System	International Research Journal of Engineering and Technology, Volume: 10, Issue: 06, ISSN: 2395-0072	June 2023
		Smart Medicine Box	International Research Journal of Engineering and Technology, Volume: 10, Issue: 06, ISSN: 2395-0072	June 2023
2.	Dr. D. B. Kadam	Development of Machine Learning Based Epileptic Seizureprediction using Web of Things (WOT)	Neuro Quantology Journal, Vol-20, Issue-8, pp 9394-9409 ISSN 1303-5150 ( <a href="https://mj1.clarivate.com/search-results">https://mj1.clarivate.com/search-results</a> )	July 2022
		Implementation of Carry Select Adder (CSLA) for Area, Delay and Power Minimization	Telematique Journal, Vol-2, Issue-1, pp. 5461-5474, ISSN 1856-4194 ( <a href="https://mj1.clarivate.com/search-results">https://mj1.clarivate.com/search-results</a> )	Sept 2022
		Verilog HDL Implementation of Efficient Lossless EEG Compression Architecture Based on VLSI	Telematique Journal, Vol-2, Issue-1, pp. 5878-5889, ISSN 1856-4194 ( <a href="https://mj1.clarivate.com/search-results">https://mj1.clarivate.com/search-results</a> )	Oct 2022
3.	S. V. Phakade	Grapes Leaf Disease Recognition Using ML	International Journal of Science and Research Volume: 12, Issue: 03, ISSN: 2319-7064	March 2023
4.	Dr. Mrs. S. S. Sankpal	Automatic Cursor Moving and Clicking of PC with Eye Gaze Tracking.	GIS Science Journal Vol-9, Issue-10, pp 377-388 ISSN 2278-3075	Nov 2022
		Intelligent Unmanned Railway Engine with Automated Control System	Journal of Emerging Technologies and Innovative Research Vol. 9 Issue-11, pp43-46 ISSN 2349-5162	Nov 2022
		IOT Based Charging Station Technology for EVS	GIS Science Journal Vol-9, Issue-12, pp 28-34 ISSN 2278-3075	Dec 2022
5.	B. P. Kulkarni	Internet of Things (IOT) Based Plant Monitoring System in an Aeroponics Vertical Farming Techniques	International Research Journal of Engineering and Technology, Volume: 09, Issue: 12, ISSN: 2395-0072	Dec 2022





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**YEAR 2021-22**

Sr. No	Faculty Name	Title of Paper	Publication	Month & Year of Publication
1	A. G. Patil	Prediction of Employee Attrition Using Machine Learning Approach	International Journal of Research in Applied Science and Engineering Technology, Vol. 9, Issue-VIII, ISSN 2321-9653	August 2021
2	Dr. D. B. Kadam	Document Vault Using React JS	International Journal of Scientific Research in Engineering and Management, Vol. 5, Issue-10, ISSN 2321-9653	October 2021
3	Dr. S. S. Sankpal	Automatic Plant Watering System using Real Time Clock	International Research Journal of Engineering and Technology, Vol. 08, Issue-07, ISSN 2395-0072	July 2021
		Smart Helmet for Coal Mining Workers	International Journal of Scientific Research in Engineering and Management, Vol. 05, Issue-07, ISSN 2582-3930	July 2021
4	D. O. Shirsath	Digital Signature Based Theft Vehicle Detection using Image Processing	International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering and Technology, Vol. 10, Issue-08, ISSN 2320-3765	August 2021
5	Ms. R. P. Onkare	Overview: Speech Processing Techniques	International Journal of Advanced Research in Science, Communication and Technology, Vol. 2, Issue-1, ISSN 2581-9429	January 2022
6	C. M. Patil	IOT Based LPG Booking System and Leakage Detection	International Journal of Progressive Research in Science and Engineering, Vol. 2, No-08	August 2021







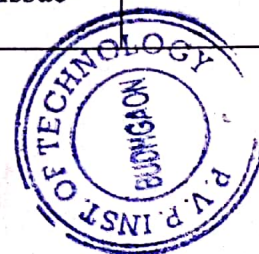
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**Faculty Publications**

**YEAR 2020-21**

Sr. No	Faculty Name	Title of Paper	Publication	Month & Year of Publication
1	A. G. Patil	Prediction of Employee Attrition Using Machine Learning Approach	International Journal of Research in Publication and Reviews, Vol. 2, Issue-07, ISSN 2582-7421	2021
		Prediction of Employee Attrition Using Machine Learning Approach	International Journal of Research in Applied Science and Engineering Technology, Vol. 9, Issue-VIII, ISSN 2321-9653	August 2021
2	Dr. M. S. Chavan	Artificial Growth of Crops in Automated Environment	Seybold Report, Volume 15, Issue-8, ISSN 1533-9211	2020
		Design of Android-based Application for Utility of Pesticides and Fertilizers	International Journal of Engineering Research and Technology, Vol. 9, Issue-9, ISSN 2278-0181	September 2020
3	Dr. D. B. Kadam	Automatic Seed Sowing Robot	Journal of Advancement in Electronics Design Vol. 3, Issue-03,	2020
		Microcontroller based Smart Agriculture System	International Research Journal of Engineering and Technology, Vol. 7, Issue-08, ISSN 2395-0072	August 2020
4	Mrs S. S. Sankpal	Automatic Sugarcane Bud Detection and Cutting Mechanism	International Research Journal of Engineering and Technology, Vol. 7, Issue-06, ISSN 2395-0072	June 2020
5	D. O. Shirsath	Digital Signature Based Theft Vehicle Detection using Image Processing	International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering and Technology, Vol. 10, Issue-08, ISSN 2320-3765	August 2021
6	Ms. R. P. Onkare	IOT Based Farm Monitoring and Alarm System (UGC Approved)	International Journal of Research in Engineering and Management, Vol. 4, Issue-07, ISSN 2582-3930	July 2020







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**YEAR 2019-20**

Sr. No	Faculty Name	Title of Paper	Publication	Month & Year of Publication
1.	Dr. M. S. Chavan	Automatic Aerial Vehicle Based Pesticides Spraying System for Crops (Scopus Indexed)	International Journal of Innovative Technology and Exploring Engineering, Vol-8, Issue-11, ISSN 2278-3075	Sept 2019
		Diagnosis of Plant Diseases using Artificial Neural Network (Scopus Indexed)	International Journal of Innovative Technology and Exploring Engineering, Vol-8, Issue-11, ISSN 2278-3075	Sept 2019
		Pitch Estimation using Time Domain Algorithm (Scopus Indexed)	International Journal of Innovative Technology and Exploring Engineering, Vol-8, Issue-11, ISSN 2278-3075	Sept 2019
2.	A. G. Patil	K-SVD Dictionary Developing Algorithms for Sparse Representation of Signal	International Research Journal of Engineering and Technology, Volume: 06, Issue: 06, ISSN: 2395-0072	June 2019
		K-SVD Dictionary Developing Algorithms for Sparse Representation of Signal	International Journal for Research in Applied Science & Engineering Technology, Vol-7, Issue-VII	July 2019
		Effect of Secret Image Transformation on the Steganography with use of LSB and DCT Techniques	International Journal for Research in Applied Science & Engineering Technology, Vol-7, Issue-VII	July 2019
		Testing of Image Steganography with use of LSB and DCT Techniques (Scopus Indexed)	International Journal of Innovative Technology and Exploring Engineering, Vol-8, Issue-11, ISSN 2278-3075	Sept 2019
3.	Dr. D. B. Kadam	Security System using Raspberry Pi (Scopus Indexed)	International Journal of Innovative Technology and Exploring Engineering, Vol-8, Issue-11, ISSN 2278-3075	Sept 2019
		Identifying Needs for Reduction of Sensor Count in Green House Monitoring	Journal of Emerging Technologies and Innovative Research, Vol-6, Issue-06, ISSN 2349-5162	







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4.	S. V. Phakade	Comparison of Various Image Compression Transforms	International Journal of Research in Advent Technology, Vol. 7, No-4, ISSN 2321-9637	Aug 2019
		Adaptive Head Light System using Image Processing (Scopus Indexed)	International Journal of Innovative Technology and Exploring Engineering, Vol-8, Issue-10, ISSN 2278-3075	Aug 2019
5.	Mrs. S. S. Sankpal	Anti-Theft Locking for Stolen Vehicles and Canny Password Protected Access to Personalized Vehicles (Scopus Indexed)	International Journal of Innovative Technology and Exploring Engineering, Vol-8, Issue-10, ISSN 2278-3075	Aug 2019
		Review on Automatic Cursor Moving and Locking of PC with Eye Gaze Tracking	International Journal for Scientific Research & Development, Vol. 7 Issue-08, ISSN 2321-0613	2019
		Indoor Garden Development using Hydroponic Agricultural Farming and Automation	International Research Journal of Engineering and Technology, Vol. 7, Issue-05, ISSN 2395-0056	May 2020
6.	B. P. Kulkarni	Wireless Security Camera System (Scopus Indexed)	International Journal of Innovative Technology and Exploring Engineering, Vol-8, Issue-10, ISSN 2278-3075	Aug 2019
		Fruit Quality Detection using OpenCV/Python	International Research Journal of Engineering and Technology, Vol. 7, Issue-05, ISSN 2395-0056	May 2020
7.	D. O. Shirsath	Automatic Farmer Friendly Pesticide Spraying Robot with Camera Surveillance System	International Research Journal of Engineering and Technology, Vol. 7, Issue-05, ISSN 2395-0056	May 2020
		Monitoring Parameters of Plants in Vertical Farming using Aeroponics Technique	International Research Journal of Engineering and Technology, Vol. 7, Issue-05, ISSN 2395-0056	May 2020
8.	Ms. R. P. Onkare	Library Management using RFID	Journal of Advancement in Communication System, Vol-3, Issue-02	2020

