

**International conferences for the academic year 2024-25**

Sl. No.	Name of the faculty member	Title of Paper	Name and details of International Conference	Date & place	Citation
1	Dr. A. S. Jadhav and Prof. R. V. Pawar	Brain Tumor Detection using MRI Image Processing Techniques, INNOVA-2024	2024 International Conference on Innovation and Novelty in Engineering and Technology (INNOVA) 10.1109/INNOVA63080.2024.10846990	20 and 21 December , 2024	0
2	Basanagouda Ronad, Mallikarjun Bhirade, Vireshkumar Mathad, Mukta Bannur, Shivappa Sobarad, Suresh H Jangamshetti	Dynamic Power Factor Correction using FC TCR–A Case Study of Academic Campus Distribution Network	2024 IEEE North Karnataka Subsection Flagship International Conference (NKCon) DOI: 10.1109/NKCon62728.2024.10775104	21-22 September 2024 Bagalkote , India	0
3.	Siddalinga Nuchhi1 and Dr. Shekappa Ankaliki2	Optimal Renewable Energy Mix for Electric Vehicle Charging Station: A Case Study in a Region Endowed with Abundant Solar and Wind Resources	15th International Conference on Advances in Computing, Control, and Telecommunication Technologies, DOI: 01.GIJET.10.2.751_1	26 th -27 th June 2024, Tumkur, India	0
4	Hamjadali A Umachagi; Mukta Bannur; Pavan kumar Kulkarni Shweta Gadad Basanagouda F. Ronad Saniya M Patel	Solar Powered IoT Based Smart System for Small and Micro Irrigation	I2024 International Conference on Innovation and Novelty in Engineering and Technology (INNOVA) 10.1109/INNOVA63080.2024.10846974	20 and 21 December , 2024	0
5	Shweta Gadad Mukta Bannur Shrirang Kulkarni Hamjadali A Umachagi Pawan Kulkarni Kalmesh Nagaral	Performance Assessment of Grid-Interactive Solar Power Plant	2024 International Conference on Innovation and Novelty in Engineering and Technology (INNOVA) 10.1109/INNOVA63080.2024.10847035	20 and 21 December , 2024	0
6	A.S. Jadhav Sunilkumar M. Hattaraki	Detection and	2024 International Conference on	20 and 21 December	0



	Shankarayya G. Kambalimath Bhootaleppa P. Savukar Shwetha Bagali U. D. Dixit,	Classification of Various Listening Environments for Hearing-Impaired Individuals Using CRNN	Innovation and Novelty in Engineering and Technology (INNOVA) 10.1109/INNOVA63080. 2024.10847013	, 2024	
7	Veeresh S Gonal, Sujata Bagi, Vinuta V. Koluragi, Prashant Kadi	Electric Vehicles in India: Unlocking Opportunities, Overcoming Challenges and Strategic Recommendations	2024 International Conference on Innovation and Novelty in Engineering and Technology (INNOVA) 10.1109/INNOVA63080. 2024.10847048	20 and 21 December , 2024	0
8	Prashant Kadi, Shrirang Kulkarni, Siddalinga Nuchhi, Basanagouda F. Ronad, Sujata Bagi	Performance Evaluation of 3.3MWp Grid-Interfaced Solar PV Plant at Northern Karnataka Region of India Using PV Syst 7.4 Software	2024 International Conference on Innovation and Novelty in Engineering and Technology (INNOVA) 10.1109/INNOVA63080. 2024.10847052	20 and 21 December , 2024	0
9	Vinay Kolur, J.S.Gonal, V.A.Bagali, P.R.Ku;karni	Remote monitoring and controlling of hydroponic system using IOT	Hinweeis second International conference on RTET 2024	Dec. 27 th and 28 th 2024	0
10	Vinay Kolur, J.S.Gonal, V.A.Bagali,	E-Voting without borders; A system for every one	Hinweeis second International conference on RTET 2024	Dec. 27 th and 28 th 2024	0

International Journals for the academic year 2024-2025

Sl. No	Name of the faculty member	Title of the Paper	Details of the Journal	Journal Quartile	Impact Factor	Citation
1	Dr. A. S. Jadhav and Prof. R. V. Pawar	Analysis of Breast Cancer using IGSR Optimization on Mammographic Images	Computer Research and Development vol.24, no.12, 2024 DOI: https://doi.org/20.2040/crd.v24.2024.4388	Q3	8.57	0

**International conferences for the academic year 2023-24**

Sl. No.	Name of the faculty member	Title of Paper	Name and details of International Conference	Date & place	Citation
1	Dr. A. S. Jadhav and Prof. R. V. Pawar	Wireless Health Monitoring System using IOT and Mobile Device	2023 Third International Conference on Artificial Intelligence and Smart Energy (ICAIS) DOI: <u>10.1109/ICAIS56108.2023.10073725</u>	02-04 February 2023 Coimbatore, India	4
2	Dr. A. S. Jadhav and Prof. R. V. Pawar	Optimization of Power System Transients in a Multi-Machine System using Unified Power Flow Controller	2023 Second International Conference on Electronics and Renewable Systems (ICEARS) DOI: 10.1109/ICEARS56392.2023.10085357	02-04 March 2023 Tuticorin, India	0
3	Dr. A. S. Jadhav and Prof. R. V. Pawar	Diagnosis of Mammographic Images for Breast Cancer Detection using FF-CSO Algorithm	2023 Advanced Computing and Communication Technologies for High Performance Applications (ACCTHPA) DOI: 10.1109/ACCTHPA57160.2023.10083387	20-21 January 2023 Ernakulam, India	2
4	Dr. A. S. Jadhav and Prof. R. V. Pawar	Design and Analysis of PMDC Motor for Electric Vehicles	2023 Advanced Computing and Communication Technologies for High Performance Applications (ACCTHPA) DOI: 10.1109/ACCTHPA57160.2023.10083384	20-21 January 2023 Ernakulam, India	2
5	Dr. A. S. Jadhav and Prof. R. V. Pawar	Deep Belief Network based Diabetic Maculopathy Detection and Classification using Modified Chicken Swarm Algorithm	2023 International Conference on Computational Intelligence, Communication Technology and Networking (CICTN) DOI: 10.1109/CICTN57981.2023.10141009	20-21 April 2023 Ghaziabad, India	3
6	Dr. A. S. Jadhav and Prof. R. V. Pawar	Fuzzy Logic Control based Improved Congestion Management for PhaseShiftingTransfor	2023 Global Conference on Information Technologies and Communications (GCITC) DOI: 10.1109/GCITC60406.2023.10426457	01-03 December 2023 Bangalore, India	0



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7	Dr. V. S. Gonal	Viability of Solar PV System for Rural Electrification in the Indian context,	2022 IEEE North Karnataka Subsection Flagship International Conference (NKCon) DOI: 10.1109/NKCon56289.2022.10127085	20-21 November 2022 Vijaypur, India	0
8	S. M. Bagi, F. N. Kudchi and S. Bagewadi	Design and Performance Analysis of Flash ADC Using TIQ Comparator in 90 nm	Recent advances in signals and systems – select proceedings vspice 2023 DOI: 10.1007/978-981-97-4657-6_30	19-20 December 2023 NMAM Institute of technology, Nitte	0
9	Vinay Kolar and Pavankumar Kulkarni	Design and Performance Analysis of Power-Efficient Phase Frequency Detector for PLL Application in 90 nm Technology	Recent advances in signals and systems – select proceedings vspice 2023 DOI: 10.1007/978-981-97-4657-6_31	19-20 December 2023 NMAM Institute of technology, Nitte	0

International Journals for the academic year 2023-2024

Sl. No	Name of the faculty member	Title of the Paper	Details of the Journal	Journal Quartile	Impact Factor	Citation
1	Dr. V. S. Gonal	A unique method of a PLC controller based performance evaluation of optimization algorithms and power quality methods in a grid-connected hybrid wind-solar system	Wind Engineering Vol.47, no.1, 2023 DOI: 10.1177/0309524X2211178	Q2	1.5	0

International conferences for the academic year 2022-23



Sl. No.	Name of the faculty member	Title of Paper	Name and details of International Conference	Date & place	Citation
1	Dr. A. S. Jadhav and Prof. R. V. Pawar	Algorithmic Analysis on MGSR Optimization for Diagnosing Diabetic Retinopathy	2022 International Conference on Smart Generation Computing, Communication and Networking (SMART GENCON) DOI: 10.1109/SMARTGENCON56628.2022.10084009	23-25 December 2022 Bangalore, India	0
2	Dr. A. S. Jadhav and Prof. R. V. Pawar	A Study on Various Segmentation Approaches using Echocardiogram images for promoting Heart Disease Detection	2022 International Conference on Smart Generation Computing, Communication and Networking (SMART GENCON) DOI: 0.1109/SMARTGENCON56628.2022.10084328	23-25 December 2022 Bangalore, India	0
3	Vinay Kolur and Sushmitha Patil,	Power optimal phase locked loop using 90nm technology with 5 stage CSVCO	2022 3rd International Conference on Communication, Computing and Industry 4.0 (C2I4) DOI: 10.1109/C2I456876.2022.10051178	15-16 December 2022 Bangalore, India	2
4	Pavankumar Kulkarni and H.A.Umachagi,	IOT based temperature and oxygen pulse scan entry system	2022 3rd International Conference on Communication, Computing and Industry 4.0 (C2I4) DOI: 10.1109/C2I456876.2022.10051183	15-16 December 2022 Bangalore, India	2
5	Vinay Bagali, Vinod Jiddi	PMOS Biased Sense Amplifier Using Cadence Virtuoso With gpdk 90nm Technology	2022 IEEE North Karnataka Subsection Flagship International Conference (NKCon) DOI: 10.1109/NKCon56289.2022.10127061	20-21 November 2022 Vijaypur, India	1
6	Mukta Bannur and Uday Patil	Experimental Investigation of Technical Feasibility of Standalone Pico-hydro Solar PV Hybrid Power System	2022 IEEE North Karnataka Subsection Flagship International Conference (NKCon) DOI: 10.1109/NKCon56289.2022.10126879	20-21 November 2022 Vijaypur, India	0
7	Uday Patil; Shrirang G. Kulkarni; Sangeeta D. Muttagi	High Frequency Three-Phase Three-Port Resonant DC-DC Converter Operating with PWM for Hybrid Power Generation	2022 IEEE North Karnataka Subsection Flagship International Conference (NKCon) DOI: 10.1109/NKCon56289.2022.10126690	20-21 November 2022 Vijaypur, India	0



International Journals for the academic year 2022-2023

Sl. No	Name of the faculty member	Title of the Paper	Details of the Journal	Journal Quartile	Impact Factor	Citation
1	Dr. A. S. Jadhav and Prof. R. V. Pawar	Automatic Headlight Intensity Control using Light Dependent Resistor	Journal of Physics: Conference Series vol. 2325 , no.1, 2022 DOI: 10.1088/1742-6596/2325/1/012001	--	19.1	5
2	Prof. R. V. Pawar	A new automated segmentation and classification of mammogram images	Multimedia Tools and Applications Vol.81, Pages7783-7816 DOI: https://doi.org/10.1007/s11042-022-11932-1	Q1	3	12

International Journals for the academic year 2021-2022

Sl. No	Name of the faculty member	Title of the Paper	Details of the Journal	Journal Quartile	Impact Factor	Citation
1	Dr. V. S. Gonal	A hybrid bat–dragonfly algorithm for optimizing power flow control in a grid-connected wind–solar system	Wind Engineering, Volume 45, Issue 2, Pages 231-244, 2021. DOI:https://doi.org/10.1177/0309524X19882429	Q3	1.40	8
2	Prof. A. S. Jadhav	Optimal feature selection based diabetic retinopathy detection using improved rider optimization algorithm enabled with deep learning	Springer journal Evolutionary intelligence, Volume 44, Issue 4, PP. 1431-1441, 2021. DOI:https://doi.org/10.1007/s12065-020-00400-0	Q2	2.33	83
3	Prof. R. V. Pawar	A new automated segmentation and classification of mammogram images	Multimedia tools and applications, Springer Journal, 2022. DOI:https://doi.org/10.10	Q1	2.7	0



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International conferences for the academic year 2021-22

Sl. No.	Name of the faculty member	Title of Paper	Name and details of International Conference	Date & place	Citation
1	Dr. M. M. Bannur	Energy Prospects for Sustainable Rural Livelihood in Vijayapur District, Karnataka India	Advances in Renewable Energy and Electric Vehicles, Pages 189-198 DOI:https://doi.org/10.1007/978-981-16-1642-6_15	22 to 23 December Nitte, 2022	0
2	Prof. A. S. Jadhav	Segmentation and Classification of Retina Images using SVD Features	5 th International conference on Electrical, Electronics, Communication, Computer Technologies and Optimization Techniques "ICEECOT-2021" DOI:https://doi.org/10.1109/ICEECOT52851.2021.9707985	10 December 2021, GSSS Institute of Engineering and Technology for Women.	0
3	Prof. R. V. Pawar	Segmentation and Classification of Retina Images using SVD Features	5 th International conference on Electrical, Electronics, Communication, Computer Technologies and Optimization Techniques	10 December 2021, GSSS Institute of Engineering and Technology for Women.	0



			“ICECCOT-2021” DOI:https://doi.org/10.1109/ICECCOT52851.2021.9707985		
4	Prof. V. A. Bagali	Vermi composting of Biodegradable Waste: An Iot based Approach	5 th International conference on Electrical, Electronics, Communication, Computer Technologies and Optimization Techniques “ICECCOT-2021”, DOI:10.1109/ICECCOT52851.2021.9708002	10 December 2021, GSSS Institute of Engineering and Technology for Women.	0
5	Prof. V. L. Jiddi	Vermi composting of Biodegradable Waste: An Iot based Approach	5 th International conference on Electrical, Electronics, Communication, Computer Technologies and Optimization Techniques “ICECCOT-2021”, DOI: 10.1109/ICECCOT52851.2021.9708002	10 December 2021, GSSS Institute of Engineering and Technology for Women.	0
6	Prof. V. K. Kolar	Quality Identification and Grading of Wheat Grains using Image Processing Techniques	5 th International conference on Electrical, Electronics, Communication, Computer Technologies and Optimization Techniques “ICECCOT-2021”, DOI: 10.1109/ICECCOT52851.2021.9708017	10 December 2021, GSSS Institute of Engineering and Technology for Women.	0
7	Prof. P. M. Kadi	Health Monitoring System Using Light Fidelity	5 th International conference on Electrical, Electronics, Communication, Computer Technologies and Optimization Techniques “ICECCOT-2021”, DOI:https://doi.org/10.1109/ICECCOT52851.2021.9707989	10 December 2021, GSSS Institute of Engineering and Technology for Women.	0



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International Journals for the academic year 2020-21

Sl. No	Name of the faculty member	Title of the Paper	Details of the Journal	Journal Quartile	Impact Factor	Citation
1	Prof. A.S.Jadhav	Computer Aided Diabetic Retinopathy Diagnostic Model using Optimal Thresholding Merged with Neural Network	Emerald Publishers. International journal of Intelligent computing & cybernetics, Volume 13, Issue 3, PP. 283-310, 2020. DOI:https://doi.org/10.1108/IJICC-11-2019-0119	Q3	1.40	4
2	Prof. A.S.Jadhav	Analysis on Diagnosing Diabetic Retinopathy by Segmenting Blood Vessels, Optic Disc and Retinal Abnormalities	Taylor & Francis publishers. Journal of medical Engineering and Technology, Volume 44, Issue 6, PP. 299-316, 2020. DOI:https://doi.org/10.1080/03091902.2020.1791986	Q3	1.30	1
3	Prof. P. C. Pawar	An IoT based Intelligent Smart Energy Management System with accurate forecasting and load strategy for renewable generation	Measurement Volume 152, February 2020, 107187 DOI:https://doi.org/10.1016/j.measurement.2019.107187	Q1	3.92	55



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International conferences for the academic year 2020-21

Sl. No.	Name of the faculty member	Title of Paper	Name and details of International Conference	Date & place	Citation
1	Prof. A. S. Melinamane	Smart Maximum Demand Controller for Consumer Loads.	BHTC IEEE Conference, 8 to 10 October 2020, BLDEA's V. P. Dr. P.G.Halakatti College of Engineering and Technology, Vijayapur, DOI: 10.1109/BHTC50970.2020.9297920	2020	0
2	Prof. F. N. Kudchi	Power Quality Improvement using a Shunt Active Power Filter for Grid Connected Photovoltaic Generation System	BHTC IEEE Conference, 8 to 10 October 2020, BLDEA's V. P. Dr. P.G.Halakatti College of Engineering and Technology, Vijayapur, DOI: 10.1109/BHTC50970.2020.9298001	2020	0
3	Prof. S. M. Bagi	Power Quality Improvement using a Shunt Active Power Filter for Grid Connected Photovoltaic Generation System	BHTC IEEE Conference, 8 to 10 October 2020, BLDEA's V. P. Dr. P.G.Halakatti College of Engineering and Technology, Vijayapur, DOI: 10.1109/BHTC50970.2020.9298001	2020	0
4	Prof. S. A. Gadad	Smart Maximum Demand Controller for Consumer Loads	BHTC IEEE Conference, 8 to 10 October 2020, BLDEA's V. P. Dr. P.G.Halakatti College of Engineering and Technology, Vijayapur, DOI: 10.1109/BHTC50970.2020.9297920	2020	0
5	Prof. V. A. Bagali	IOT Based Soil Testing Instrument For Agriculture Purpose	BHTC IEEE Conference, 8 to 10 October 2020, BLDEA's V. P. Dr. P.G.Halakatti College of Engineering and Technology, Vijayapur, DOI: 10.1109/BHTC50970.2020.9297897	2020	0
6	Prof. S. S. Nuchhi	IOT Based Soil Testing Instrument For Agriculture	BHTC IEEE Conference, 8 to 10 October 2020, BLDEA's V. P. Dr.	2020	0



		Purpose	P.G.Halakatti College of Engineering and Technology, Vijayapur, DOI: 10.1109/BHTC50970.2020.9297897		
7	Prof. H. A. Umachagi	Implementation of Automated Water Supply and Distribution using PLC and SCADA	BHTC IEEE Conference, 8 to 10 October 2020, BLDEA's V. P. Dr. P.G.Halakatti College of Engineering and Technology, Vijayapur, DOI: 10.1109/BHTC50970.2020.9297887	2020	0
8	Prof. P. R. Kulkarni	Implementation of Automated Water Supply and Distribution using PLC and SCADA	BHTC IEEE Conference, 8 to 10 October 2020, BLDEA's V. P. Dr. P.G.Halakatti College of Engineering and Technology, Vijayapur, DOI: 10.1109/BHTC50970.2020.9297887	2020	0
9	Prof. V. K. Kolur	IoT based Security System for Organization	BHTC IEEE Conference, 8 to 10 October 2020, BLDEA's V. P. Dr. P.G.Halakatti College of Engineering and Technology, Vijayapur, DOI: 10.1109/BHTC50970.2020.9298007	2020	0
10	Prof. S. M. Bagewadi	Power Quality Improvement using a Shunt Active Power Filter for Grid Connected Photovoltaic Generation System.	BHTC IEEE Conference, 8 to 10 October 2020, BLDEA's V. P. Dr. P.G.Halakatti College of Engineering and Technology, Vijayapur, DOI: 10.1109/BHTC50970.2020.9298001	2020	0
11	Dr. P. H. Unaki	Methodology for Classification and Segmentation of Multiple Sclerosis Affected Brain MRI Images	BHTC IEEE Conference, 8 to 10 October 2020, BLDEA's V. P. Dr. P.G.Halakatti College of Engineering and Technology, Vijayapur, DOI: 10.1109/BHTC50970.2020.9298019	2020	0
12	Dr. P. H. Unaki	CP-ABE Based Mobile Cloud Computing Application for Secure Data Sharing	2013 Fourth National Conference on Computer Vision, Pattern Recognition, Image Processing and Graphics (NCVPRIPG) Jodhpur, India DOI: https://doi.org/10.1109/NC	2020	1



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International Journals for the academic year 2019-20

Sl. No	Name of the faculty member	Title of the Paper	Details of the Journal	Journal Quartile	Impact Factor	Citation
1	Prof. P. C. Pawar	Design and development of advanced smart energy management system integrated with IoT framework in smart grid environment	Journal of Energy Storage 25, 100846, 2019. DOI: https://doi.org/10.1016/j.est.2019.100846	Q1	6.58	45
2	Prof. P. C. Pawar	Performance analysis of a smart meter node for congestion avoidance and LoS coverage	AIMS Energy, 2019, Vol.7, 3, pp.313-336, 2019. DOI: 10.3934/energy.2019.3.313	Q3	1.44	1
3	Prof. U. S. Patil	Analysis and Design of a High-Frequency Isolated Full-Bridge ZVT CLL Resonant DC-DC Converter	IEEE Transactions on Industry Applications (Volume: 55, Issue: 5, Sept.-Oct. 2019), DOI: 10.1109/TIA.2019.2926290	Q1	3.65	8

Chapters published for the academic year 2019-20

Sl.No.	Name of the faculty member	Title of the Chapter	Publisher	Year	Citation
1.	Prof. A. S. Jadhav	Segmentation and classification of Retina images using Wavelet transform and Distance	Springer, Cham, Print ISBN 978-3-030-30435-5, Online ISBN 978-3-030-30436-2 DOI: https://doi.org/10.1007/978-3-030-30436-2	2019	1



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International conferences for the academic year 2018-19

Sl. No.	Name of the faculty member	Title of Paper	Name and details of International Conference	Date & place	Citation
1	Prof. V. S. Gonal	Modified genetic algorithm for optimization of wind energy waist grid connected system.	SDM institute of technology, Ujire, DOI: 10.1109/I2CT42659.2018.9058274	27 & 28 October 2018, Ujire	0
2	Prof. A. S. Jadhav	Preprocessing and segmentation of retina images for blood vessel segmentation	Springer conference, Sholapur University, Print ISBN978-981-13-9183-5 Online ISBN978-981-13-9184-2 DOI: https://doi.org/10.1007/978-981-13-9184-2_31	22 december 2018, Solapur	01
3	Prof. A. S. Jadhav	Disease detection in pomogranite for classification	IEEE International Conference on Power, Control, Signals and Instrumentation Engineering (ICPCSI) DOI: 10.1109/ICPCSI.2017.8392162	24 March 2018, Chennai	17
4	Prof. A. S. Jadhav	Detection of Blood vessels in Retinal images for diagnosis of Diabetics	International Conference on Inventive Systems and Control (ICISC2018) Electronic ISBN:978-1-5386-0807-4 DVD ISBN:978-1-5386-0806-7 Print on Demand(PoD) ISBN:978-1-5386-0808-1 DOI: 10.1109/ICISC.2018.8398928	24 March 2018, Chennai	6
5	Prof. R. V. Pawar	Disease detection in pomogranite for classification	IEEE International Conference on Power, Control, Signals and Instrumentation Engineering (ICPCSI)	24 March 2018, Chennai	17



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			DOI: 10.1109/ICPCSI.2017.8392162		
6	Prof. P. C. Pawar	Load Scheduling Algorithm Design for Smart Home Energy Management System	2018 IEEE 7th International Conference on Power and Energy (PECon), DOI: 10.1109/PECON.2018.8684141	3-4 Dec. 2018, Kuala Lumpur, Malaysia	2
7	Prof. U. S. Patil	Analysis and design of a high frequency isolated full bridge CLL resonant DC-DC converter for renewable energy applications	2018 International Conference on Power, Instrumentation, Control and Computing (PICC), DOI: 10.1109/PICC.2018.8384781	18-20 Jan. 2018, Thrissur, India	6