



Department Of Physics

Research Publication

2016-2017

Sr No .	Name of the Author	Title of the Paper	Name of the journal	ISSN No.,Year, Vol., Edition, Page No. etc.	Non-Peer Reviewed / Peer Reviewed / UGC notified/ Scopus / Web of Science
1.	Mrs. G.U.Patil	Electrical Conservation in Kitchen	Research Chronicler	ISSN 2347-5021 Vol-IV, Issue VI, P 22-28	Peer Reviewed

2017-2018

Sr No .	Name of the Author	Title of the Paper	Name of the journal	ISSN No.,Year, Vol., Edition, Page No. etc.	Non-Peer Reviewed / Peer Reviewed / UGC notified/ Scopus / Web of Science
1.	Mrs. G.U.Patil	Impact of decomposition of different manures on soil resistivity in rainy season	Asian journal of Environmental Science	Vol 12, Issue 2, p138-140	UGC care listed journal
2.	Mrs. G.U.Patil	Study of Coefficient of restitution of bouncing ball on different surfaces	Journal of Research and Development	Vol 7, Issue 7, p 12-18	UGC care listed journal
3.	Mrs. G.U.Patil	Smartphones & College Learners : Case study	Asian Resonance	Vol 6, Issue 3, p 86-91	UGC care listed journal



2018-2019

Sr No .	Name of the Author	Title of the Paper	Name of the journal	ISSN No.,Year, Vol., Edition, Page No. etc.	Non-Peer Reviewed / Peer Reviewed / UGC notified/ Scopus / Web of Science
1.	Mrs. G.U.Patil	Study of Dependence of Angle of Repose, Frictional forces acting on pulses of different species of family Fabacea on sliding time	International Journal of Innovative Knowledge Concept	Vol 6, Issue 6, p 1-4	UGC care listed journal
2.	Mrs. G.U.Patil	Study of correlation among different properties of pulses of Family Fabaceae	International Journal of Research and Analytical Reviews	Vol 5, Issue 2, p 382-386	UGC care listed journal
3.	Mrs. G.U.Patil	Sound barrier inside & outside house	International Journal for Research in Engineering Application & Management	Vol 4, Issue 10, p 241-243	UGC care listed journal



2022-23

Sr No .	Name of the Author	Title of the Paper	Name of the journal	ISSN No.,Year, Vol., Edition, Page No. etc.	Non-Peer Reviewed / Peer Reviewed / UGC notified/ Scopus / Web of Science
1.	Mrs. G.U.Patil & Mr. P.S.Thakur	Deployment of Grid Connected PV system for reduction in Electricity Bill : Case Study	Educreator Research Journal, March	ISSN 2455-0515, p-72-77	Web of Science
2.	Mr. P. S. Thakur ¹ Mrs. G. U. Patil ² Mr. S. S. Kamble ³	Acoustic Properties of Aerated Autoclaved Concrete (AAC): Sound Absorption & Reflection Coefficients of Aerated Autoclaved Concrete at Low & High Frequency	Journal of Architecture and Civil Engineering	ISSN 2321-8193, p 01-06	Peer Reviewed
3.	Mr. S. S. Kamble	Impact of Air pollution on Solar energy generation in Raigad district	Educreator Research Journal	ISSN 2455-0515	Web of Science



2023-2024

Sr No .	Name of the Author	Title of the Paper	Name of the journal	ISSN No.,Year, Vol., Edition, Page No. etc.	Non-Peer Reviewed / Peer Reviewed / UGC notified/ Scopus / Web of Science
1.	V.N. Pawar ¹ , V.S. Kamble ^{2*} , S.T. Salunkhe ³ , J.M. Pawara ² , S.K. Patil ² , G.U.Patil⁴ and S.S. Kamble^{4*}	The Impact of Air Pollution on Solar Energy Generation in the Panvel - Navi Mumbai Region	Indian Journal of Natural Sciences	ISSN: 0976 – 0997, Vol.14, Issue 79, p 57868-57871.	UGC care listed journal
2.	Mrs. G, U. Patil, Ms.P.M.Mhatre	A Study of Growth and Characteristics of Metal Salt like Manganese Sulphate [MnSO ₄] doped in L Threonine amino acid single crystal for NLO Application.	Journal of Advanced Zoology	ISSN:0253-7214, Vol.44, Issue S-8 Page 141-149	Web of Science
3.	Mr. S. S. Kamble² Mrs. G, U. Patil¹, Mr.P.S.Thakur ³	Healthy Lightning in Residential Area : Case Study	Journal of the National Institute of Urban Affairs	ISSN: 0970-9045, Vol.43, Issue (2)(II), Page 72-76	UGC care listed journal



4.	V.S. Kamble ¹ , S.G. Pagare ² , J.M. Pawara ¹ , S.S. Kamble¹ , D.K. Patil ¹ , M.A. Joshi ¹ and S.L. Khairnar ^{3*}	Enhancing Mathematical Education for Students through the Integration of Software Tools	Indian Journal of Natural Sciences	ISSN: 0976 – 0997, Vol.14, Issue 81, p 66660-66670	UGC care listed journal
5.	Vishal S. Kamble ¹ , Sunil S. Patil ¹ , Sagar L. Khairnar ¹ , Digambar K. Patil ¹ , Satyajit S. Kamble¹ , SapAna M. Chilate ¹ and Jitendra M. Pawara ¹ *	Synthesis, Characterization, and Applications of Y ₂ O ₃ Nanoparticles Synthesized via, Thermal Decomposition of the [Y(Cup) ₂ (Gly)·2H ₂ O] Complex	Oriental Journal of Chemistry	ISSN: 0970-020 X, Vol. 39, p 1675-1682	Peer Reviewed
6.	V.S. Kamble ¹ , S. L. Khairnar ¹ , J. M. Pawara ¹ , D. K. Patil ¹ , V. N. Pawar ² , S. S. Kamble^{1*}	Navigating the Evolution: A Comprehensive Analysis of Awareness in Contemporary TV Display Technologies	Journal of Advanced Zoology	ISSN: 0253-7214, Volume 44 Issue S-8, p 225-228	Web of Science
7.	J. M. Pawara ¹ , V. S. Kamble ¹ , S. S. Kamble¹ , D. Y. Patil ² , H. P. Deokar ³ , D. K. Patil ^{1*}	Preparation Of Mixed Ligand Complexes Of Cerium (III) Metal Using Multidentate Ligands And Investigation Of Their Physicochemical, Spectral, Thermal, And Antibacterial Properties	Journal of Advanced Zoology	ISSN: 0253-7214 Volume 44 Issue S-8, p 123-132.	Web of Science
8.	P.S. Thakur ¹ , V.N. Pawar ² , S.S. Kamble³ , J.M. Pawara ⁴ , S.A. Solaskar ⁵ , V.S. Kamble ^{6*}	Exploring Aerated Autoclaved Concrete (AAC) Acoustic Properties Across Diverse Frequency Bands	Journal of Advanced Zoology	ISSN: 0253-7214, Volume 44 Issue S8, p 377-381.	Web of Science



॥ विद्या विनयेन शोभते ॥

Janardan Bhagat Shikshan Prasarak Sanstha's

CHANGU KANA THAKUR

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'College with Potential for Excellence' Status Awarded by UGC

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9.	V. N. Pawar ¹ , A. K. Chaudhary ² , V. S. Kamble ³ , P. S. Thakur ⁴ , N. K. Patil ⁵	Evaluation of The Public's Recognition, Approval, And Perspectives On Renewable Energy In Panvel	Journal of Advanced Zoology	ISSN: 0253-7214, Volume 44 Issue S8, p 399-402.	Peer Reviewed
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2024-25

Sr No .	Name of the Author	Title of the Paper	Name of the journal	ISSN No.,Year, Vol., Edition, Page No. etc.	Non-Peer Reviewed / Peer Reviewed / UGC notified/ Scopus / Web of Science
01.	Vijay N. Pawar, Vishal S. Kamble, Kaustubh A. Mundhe, Balasaheb D. Aghav", Suresh T. Salunkhe, Abhijit N. Kadam, S. S. Kamble	Simple co-precipitation synthesis of aluminum-decorated zinc oxide nanorods for noxious NO ₂ gas detection at low ppm concentration	Vacuum	227 - 113373 pp 1-15	Scopus