



Vinayak Vidnyan Mahavidyalaya, Nandgaon Kh.

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NAAC

Criterion-III

Research, Innovations and Extension

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Nandgaon Khandeshwar, Amravati 

CRITERION-III

3.3- Research Publication and Awards



3.3.1 Number of research papers published per teacher in the Journals notified on UGC care list during the last five years



VINAYAK VIDNYAN MAHAVIDYALAYA

Nandgaon Khandeshwar, Dist. Amravati

(An Institute run by Pravin Khodke Memorial Trust, Amravati)

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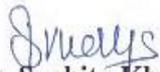
Outward NO. PKMT/VVM/0823/8538

D. 10/05/2023

SELF DECLARATION

This is to certify that, the information, reports, true copies of the supporting documents, numerical data and web links furnished in this file are verified by I.Q.A.C. and head of the Institution and found correct.

Hence this certificate is issued.


Dr. Suchita Khodke
I.Q.A.C. Co-ordinator
Vinayak Vidnyan Mahavidyalaya
Nandgaon Kh.


Dr. Alka A. Bhise
PRINCIPAL
Vinayak Vidnyan Mahavidyalaya,
Nandgaon Khan, Dist. Amravati



3.3.1 Number of research papers published per teacher in the Journals notified on UGC care list during the last five years

3.3.1.1. Number of research papers in the Journals notified on UGC CARE year wise during the last five years

Year	2021-22	2021-22	2019-20	2018-19	2017-18
Number	19	11	33	3	1

3.3.1 Number of papers published per teacher in the Journals notified on UGC website during the last five years (5)

Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number	Link to the recognition in UGC enlistment of the Journal /Digital Object Identifier (doi) number		
						Link to website of the Journal	Link to article/paper/abstract of the article	Is it listed in UGC Care list/Scopus/Web of Science/other, mention
Magnetically Retrievable Fe-doped TiO ₂ Nanoparticles for Photo-induced Toxic Dye Removal Applications	Saurabh B. Somwanshi, Sandeep B. Somvanshi, Prashant B. Kharat , Nanasahab D. Thorat	Physics	Macromolecular Symposia, Wiley Publishing	2021-22	1521-3900	https://onlinelibrary.wiley.com/journal/15213900	https://onlinelibrary.wiley.com/doi/abs/10.1002/masy.202100112	Yes
Synthesis, Spectroscopic and Antimicrobial Studies of Cu (II) and Fe (III) Complexes of Heterocyclic Schiff Base Ligand	Deshmukh SY 1* , Padole NS2 , Wadekar MP 3 , Chaudhari MA	Chemistry	Journal of Chemical and Pharmaceutical Research	2021-22	ISSN : 0975-7384	https://www.jocpr.com/pdf/ABSTRACTED-INDEXED-JOCPR.pdf	https://www.jocpr.com/articles/synthesis-spectroscopic-and-antimicrobial-studies-of-cu-ii-and-fe-iii-complexes-of-heterocyclic-schiff	Yes

Investigation of Super-Capacitive Properties of Nanocrystalline Copper-Zinc Ferrite Nanoparticles (Cu _{0.5} Zn _{0.5} Fe ₂ O ₄)	Prashant B. Kharat , Sandeep B. Somvanshi, Saurabh B. Somwanshi, Anuja M. Mopari	Physics	Macromolecular Symposia, Wiley Publishing	2021-22	1521-3900	https://onlinelibrary.wiley.com/journal/15213900	https://onlinelibrary.wiley.com/doi/abs/10.1002/masy.202100162	Yes
Surface Functionalized Superparamagnetic Zn-Mg Ferrite Nanoparticles for Magnetic Hyperthermia Application Towards Noninvasive Cancer Treatment	Sandeep B. Somvanshi, Prashant B. Kharat , K. M. Jadhav	Physics	Macromolecular Symposia, Wiley Publishing	2021-22	1521-3900	https://onlinelibrary.wiley.com/journal/15213900	https://onlinelibrary.wiley.com/doi/abs/10.1002/masy.202100124	Yes
Low-cost Fabrication of Zn-doped MnFe ₂ O ₄ (Mn _{0.5} Zn _{0.5} Fe ₂ O ₄) Film for H ₂ S Gas Sensing Applications	Prashant B. Kharat , Sandeep B. Somvanshi, Saurabh B. Somwanshi, Anuja M. Mopari	Physics	Macromolecular Symposia, Wiley Publishing	2021-22	1521-3900	https://onlinelibrary.wiley.com/journal/15213900	https://onlinelibrary.wiley.com/doi/abs/10.1002/masy.202100147	Yes

Synthesis, Characterization and Hyperthermic Evaluation of PEGylated Superparamagnetic MnFe ₂ O ₄ Ferrite Nanoparticles for Cancer Therapeutics	Prashant B. Kharat , Sandeep B. Somvanshi, Saurabh B. Somvanshi, Anuja M. Mopari	Physics	Macromolecular Symposia, Wiley Publishing	2021-22	1521-3900	https://onlinelibrary.wiley.com/journal/15213900	https://onlinelibrary.wiley.com/doi/abs/10.1002/masy.202100130	Yes
Sol-Gel Derived Cobalt-Doped CeO ₂ Nanocomposite on Gold Electrode for Glucose Electrochemical Sensing	N.H. Bansod, G.N. Chaudhari, A.B. Bodade, Prashant B. Kharat	Physics	Asian Journal of Chemistry, Asian Publication Corporation	2021-22	0970-7077	https://asianjournalofchemistry.co.in/Home.aspx	https://asianjournalofchemistry.co.in/user/journal/viewarticle.aspx?ArticleID=34529	Yes
Enhancement of Electrical Conductivity in PVA Film by Doping with Li ⁺ ion	A. S. Wadatkar , A.V. Turkhade,	Physics	International Journal of Scientific Research in Science and Technology Volume 9 Issue 13	2021-22	Print ISSN: 2395-6011 Online ISSN: 2395-602X	https://ijsrst.com/archives.php?v=13&i=79&pyear=2022	https://ijsrst.com/IJSRST222913102	UGC Care listed
SYNTHESIS, CHARACTERIZATION AND BIOLOGICAL EVALUATION OF 4-(4-BROMO 1-HYDROXY	VM Sherekar, KP Kakade , NS Padole	Chemistry	Journal Og Emerging Technology And Ennovative Research(JETIR)	2021-22	(ISSN-2349-5162)	www.jetir.org	https://www.jetir.org/view?paper=JETIR2201404	Yes

SYNTHESIS, CHARACTERIZATION AND BIOLOGICAL EVALUATION OF 4- (4-BROMO 1- HYDROXY NAPHTHALEN-2- YL)-6-(4- METHOXY PHENYL)-5,6- DIHYDROPYRIMIDI NE-2(1H)-ONE)	VM Sherekar, KP Kakade, NS Padole	Chemistry	Journal Og Emerging Technology And Ennovative Research(JETIR)	2021-22	(ISSN- 2349-5162)	www.jetir.org	https://www.jetir.org/view?paper=JETIR2201404	Yes
SYNTHESIS, CHARACTERIZATION AND BIOLOGICAL EVALUATION OF 4- (4-BROMO 1- HYDROXY NAPHTHALEN-2- YL)-6-(4- METHOXY PHENYL)-5,6- DIHYDROPYRIMIDI NE-2(1H)-ONE)	VM Sherekar, KP Kakade, NS Padole	Chemistry	Journal Og Emerging Technology And Ennovative Research(JETIR)	2021-22	(ISSN- 2349-5162)	www.jetir.org	https://www.jetir.org/view?paper=JETIR2201404	Yes
Medicinal efficiency of halo chlconemines by determination of stability constant	Kavita P. Kakade	Chemistry	Journal Og Emerging Technology And Ennovative Research(JETIR)	2021-22	(ISSN- 2349-5162)	www.jetir.org	https://www.jetir.org/view?paper=JETIR2201404	Yes

Synthesis, Spectroscopic, Characterization, electrical conductivity and biological studies of heterocyclic schiff base metal complexes.	Deshmukh SY 1* , Padole NS2	Chemistry	Journal of emerging technologies and Innovative research	2021-22	ISSN:23495162	https://www.jetir.org/authorhome	https://www.jetir.org/view?paper=JETIR2201404	Yes
SYNTHESIS, CHARACTERIZATION AND BIOLOGICAL EVALUATION OF 4-(5- CHLORO-8-HYDROXY NAPHTHALEN-2-YL)- 6-(4-METHOXY DIENYL) 5,6	VM Sherekar, NS Padole	Chemistry	Journal of emerging technologies and Innovative research	2021-22	ISSN-2349-5162	www.jetir.org	https://www.jetir.org/papers/JETIR2207311.pdf	Yes
SYNTHESIS, CHARACTERIZATION AND BIOLOGICAL EVALUATION OF 4-(5- CHLORO-8-HYDROXY NAPHTHALEN-2-YL)- 6-(4-METHOXY	VM Sherekar, NS Padole	Chemistry	Journal of emerging technologies and Innovative research	2021-22	ISSN-2349-5162	www.jetir.org	https://www.jetir.org/papers/JETIR2207311.pdf	Yes
Biodiversity of Moths in Hinganghat Taluka, Wardha, Maharashtra (India)	Mamta Chandrakar, P.S.Kalode . Dr G.S.Pachlore	Zoology	Advances in Zoology and Botany	2021-22	ISSN: 2331-5091 (Online)	Website: https://www.hrpub.org/journals/jour_info.php?id=14	https://www.hrpub.org/download/20220330/AZB3-11426125.pdf	YES

CONVOLUTION THEOREM OF QUATERNION EXTENDED FRACTIONAL MELLIN TRANSFORM AND ITS PROPERTIES	P.B. Deshmukh , V.D. Sharma	Mathematics	NOVYI MIR Research Journal	2021-22	0130-7673	https://novyimir.net/VOLUME-7-ISSUE-4-April-2022/	https://app.box.com/s/cjuqb5efdkit41d1cyyt4asxel0043wp	YES
Analysing Statefinder and Cosmography Parameters for Interacting Dark Matter and Dark Energy in LRS Bianchi Type-II Universe	Prachi Agrawal ¹ , Abhijit Bansod ² , Umesh Takey ³	Mathematics	International Journal of All Research Education and Scientific Methods (IJARESM)	2021-22	SN: 2455-62	www.ijaresm.com	Analysing Statefinder and Cosmography Parameters for Interacting Dark Matter and (ijaresm.com)	YES
Aesthetic Discrimination Leading To Excessive Longing for Beauty and the Tragic End Afterwards: A Study of the Pathetic Fate of Pecola from 'The Bluest Eye'	Dr. Alka Bhise	ENGLISH	'Research Awakening'	2021-22	ISSN 2455-9	https://drive.google.com/file/d/1Am1QENIZf2VwfEQEh5fpAb2Caezd29-/view?usp=share_link	https://drive.google.com/file/d/1Am1QENIZf2VwfEQEh5fpAb2Caezd29-/view?usp=share link	NO
Hyperthermic evaluation of oleic acid coated nano-spinel magnesium ferrite: Enhancement via hydrophobic-to-hydrophilic surface transformation	Sandeep B. Somvanshi, Supriya R. Patade, Deepali D. Andhare, Swapnil A. Jadhav, Mangesh V. Khedkar, Prashant B. Kharat , Pankaj P. Khirade, K. M. Jadhav	Physics	Journal of Alloys and Compounds, Elsevier	2020-21	0925-8388	https://www.sciencedirect.com/journal/journal-of-alloys-and-compounds	https://www.sciencedirect.com/science/article/abs/pii/S0925838820317850	Yes

Induction heating analysis of surface-functionalized nanoscale CoFe ₂ O ₄ for magnetic fluid hyperthermia toward noninvasive cancer treatment	Prashant B. Kharat , Sandeep B. Somvanshi, Pankaj P. Khirade, K. M. Jadhav	Physics	ACS Omega, ACS Publications	2020-21	2470-1343	https://pubs.acs.org/journal/acsodf	https://pubs.acs.org/doi/10.1021/acso-mega.0c03332	Yes
Structural, morphological and magnetic properties of Cu ²⁺ doped ZnO nanoparticles	Pallavi G. Undre, Prashant B. Kharat , Jitendra S. Kounsalye, R. V. Kathare, K. M. Jadhav	Physics	Journal of Physics: Conference Series, IOP Publishing	2020-21	1742-6596	https://iopscience.iop.org/journal/1742-6596	https://iopscience.iop.org/article/10.1088/1742-6596/1644/1/012008/meta	Yes
Dextrose assisted sol-gel auto combustion synthesis and magnetic characterizations of cobalt ferrite nanoparticles	V. R. Bhagwat, Mangesh V. Khedkar, Govind Kulkarni, Prashant B. Kharat , K. M. Jadhav	Physics	AIP Conference Proceedings, AIP Publishing	2020-21	1551-7616	https://aip.scitation.org/journal/apc	https://aip.scitation.org/doi/abs/10.1063/5.0017310	Yes

Effect of zinc doping on water-based manganese ferrite nanofluids for magnetic hyperthermia application	Supriya R. Patade, Deepali D. Andhare, Sandeep B. Somvanshi, Prashant B. Kharat , K. M. Jadhav	Physics	AIP Conference Proceedings, AIP Publishing	2020-21	1551-7616	https://aip.scitation.org/journal/apc	https://aip.scitation.org/doi/10.1063/5.0017051	Yes
Green Synthesis of Ba1-XSrXTiO3 ceramic nanopowders by sol-gel combustion method using lemon juice as a fuel: Tailoring of Microstructure, ferroelectric, dielectric and electrical properties	Pankaj P.Khirade, Vithal Vinayak, Prashant B. Kharat , Apparao R. Chavan	Physics	Optical Materials, Elsevier	2020-21	0925-3467	https://www.sciencedirect.com/journal/optical-materials	https://www.sciencedirect.com/science/article/abs/pii/S0925346720310041	Yes
Accelerating Anisotropic Bianchi Type-V Model with Barotropic Matter and Viscous Dark Energy in Lyra Geometry	A. S. Bansod , V. G. Mete & P. B. Murade	Mathematics	International Journal of Mathematics Trends and Technology	2020-21	ISSN: 2231 – 53	https://ijmtjournal.org/	https://ijmtjournal.org/archive/ijmtt-v66i11p510	YES

" Studies of AM Fungi Associated With TAGESTES ERECTAL., From Melghat Forest, Maharashtra."	Ragini Zade, Suchita Khodke and Rekha Maggirwar	BOTANY	<i>International Jou.Of Recent Scientific Research. Vol.12, Issue, 03(A) pp-(2021): pp 41207-41210</i>	2020-21	ISSN: 0976-3031	http://www.recentscientific.com	https://www.recentscientific.com/sites/default/files/17468-A-2021.pdf	YES
Soil Trap Culture of AM Fungi Associated in DENDROCALAMUS SPECIES From Wadali lake(M.S.)"	K. G. Wankhade, Dr. R. C. Maggirwar & S. P. Khodke	BOTANY	World Journal of Pharmaceutical and Life Sciences. Vol.7.Issue-4, pp 118-122	2020-21	ISSN 2454-2229	www.wjpls.org	https://www.wjpls.org/admin/assets/article_issue/64032021/1617172688.pdf	YES
AM FUNGAL STUDIES ASSOCIATED WITH DENDROCALAMUS STRICTUS(Roxb.) Nees FROM MELGHAT FOREST	Priti Dhakulkar, S.P.Khodke AND R.C. Maggirwar	BOTANY	" <i>International Journal of Science Technolgy & Management Vol-10,special issue-1</i>	2020-21	ISSN-2394-1537	www.ijstm.com	http://www.ijstm.com/images/short_pdf/1619502411_GST_13.pdf	YES
Use of e-resources in academic library	Dr. Nitesh V. Chore	Library	Purakala International Journal UGC Care listed journal	2020-21	ISSN 0971-2143. Impact Factor 5.60	https://www.purakala.com/index.php/0971-2143/issue/view/26	https://www.purakala.com/index.php/0971-2143/issue/view/26	Yes
Structural, infrared, magnetic and ferroelectric properties of Sr0.5Ba0.5Ti1-xFexO3 nanoceramics: Modifications via trivalent Fe ion doping	Dhananjay N.Bhojar, Sandeep B. Somvanshi, Prashant B.Kharat , A. A. Pandit, K. M. Jadhav	Physics	Physica B: Condensed Matter, Elsevier	2019-20	0921-4526	https://www.sciencedirect.com/journal/physica-b-condensed-matter	https://www.sciencedirect.com/science/article/abs/pii/S0921452619308245	Yes

Physicochemical properties of ambient pressure dried surface modified silica aerogels: effect of pH variation	Mangesh V. Khedkar, Swapnil A. Jadhav, Sandeep B. Somvanshi, Prashant B. Kharat , K. M. Jadhav	Physics	SN Applied Sciences, Springer Nature	2019-20	2523-3971	https://www.springer.com/journal/42452	https://link.springer.com/article/10.1007/s42452-020-2463-3	Yes
Hydrophobic to hydrophilic surface transformation of nano-scale zinc ferrite via oleic acid coating: Magnetic hyperthermia study towards biomedical applications	Sandeep B. Somvanshi, Prashant B. Kharat , Mangesh V. Khedkar, K. M. Jadhav	Physics	Ceramics International, Elsevier	2019-20	0272-8842	https://www.sciencedirect.com/journal/ceramics-international	https://www.sciencedirect.com/science/article/pii/S0272884219334583	Yes
Impact of crystallites on enhancement of bandgap of Mn _{1-x} Zn _x Fe ₂ O ₄ (1 ≥ x ≥ 0) nanospinels	Supriya R. Patade, Deepali D. Andhare, Prashant B. Kharat , Ashok V. Humbe, K. M. Jadhav	Physics	Chemical Physics Letters, Elsevier	2019-20	0009-2614	https://www.sciencedirect.com/journal/chemical-physics-letters	https://www.sciencedirect.com/science/article/abs/pii/S000926142030155X	Yes
Influential diamagnetic magnesium (Mg ²⁺) ion substitution in nanospinel zinc ferrite (ZnFe ₂ O ₄): Thermal, structural, spectral, optical and physisorption analysis	Sandeep B. Somvanshi, Mangesh V. Khedkar, Prashant B. Kharat , K. M. Jadhav	Physics	Ceramics International, Elsevier	2019-20	0272-8842	https://www.sciencedirect.com/journal/ceramics-international	https://www.sciencedirect.com/science/article/pii/S0272884219335862	Yes

Multifunctional nano-magnetic particles assisted viral RNA-extraction protocol for potential detection of COVID-19	Sandeep B. Somvanshi, Prashant B. Kharat , Tukaram S. Saraf, Saurabh B. Somvanshi, Sumit B. Shejul, Kamalakar M. Jadhav	Physics	Materials Research Innovations, Taylor & Francis	2019-20	1432-8917	https://www.tandfonline.com/journals/ymri20	https://www.tandfonline.com/doi/full/10.1080/14328917.2020.1769350	Yes
Structural, thermal, spectral, optical and surface analysis of rare earth metal ion (Gd ³⁺) doped mixed Zn–Mg nano-spinel ferrites	Sandeep B. Somvanshi, Swapnil A. Jadhav, Mangesh V. Khedkar, Prashant B. Kharat , S. D. More, K. M. Jadhav	Physics	Ceramics International, Elsevier	2019-20	0272-8842	https://www.sciencedirect.com/journal/ceramics-international	https://www.sciencedirect.com/science/article/pii/S0272884220304132	Yes
Effect of magnetic field on thermal conductivity of the cobalt ferrite magnetic nanofluids	Prashant B. Kharat , Sandeep B. Somvanshi, Pankaj P. Khirade and K. M. Jadhav	Physics	Journal of Physics: Conference Series, IOP Publishing	2019-20	1742-6596	https://iopscience.iop.org/journal/1742-6596	https://iopscience.iop.org/article/10.1088/1742-6596/1644/1/012028	Yes
The D.C electrical properties of lithium ion conducting solid polymer electrolyte based on polyvinyl alcohol	A. S. Wadtkar, Prashant B. Kharat , A. V. Turkhade, S. G. Onkar and P. S. Bodkhe	Physics	Journal of Physics: Conference Series, IOP Publishing	2019-20	1742-6596	https://iopscience.iop.org/journal/1742-6596	https://iopscience.iop.org/article/10.1088/1742-6596/1644/1/012037	Yes
Rare earth ion (La ³⁺) doped BaTiO ₃ Perovskite nanoceramics for spintronic applications	B. H. Devmunde, Saurabh B. Somvanshi, Prashant B. Kharat , Madhukar B. Solunke	Physics	Journal of Physics: Conference Series, IOP Publishing	2019-20	1742-6596	https://iopscience.iop.org/journal/1742-6596	https://iopscience.iop.org/article/10.1088/1742-6596/1644/1/012055	Yes

Preface: International web conference on advanced material science and nanotechnology (NANOMAT-2020)	Prashant B. Kharat , Anant S. Wadtkar, Sandeep B. Somvanshi, Pankaj Koinkar, Harsharaj S. Jadhav, Prasanta Ghosh, Arti D. Rushi	Physics	Journal of Physics: Conference Series, IOP Publishing	2019-20	1742-6596	https://iopscience.iop.org/journal/1742-6596	https://iopscience.iop.org/article/10.1088/1742-6596/1644/1/011001	Yes
Low-cost fabrication of Cu doped ZnO(Zn _{0.95} Cu _{0.05} O) film for enhanced gas sensing applications	A. S. Wadtkar, Prashant B. Kharat , Ajay V. Ambhore, S. G. Onkar	Physics	Journal of Physics: Conference Series, IOP Publishing	2019-20	1742-6596	https://iopscience.iop.org/journal/1742-6596	https://iopscience.iop.org/article/10.1088/1742-6596/1644/1/012059	Yes
Visible light driven photocatalytic activity of TiO ₂ nanoparticles prepared via gel-combustion process	Saurabh B. Somwanshi, Sandeep B. Somvanshi, Prashant B. Kharat	Physics	Journal of Physics: Conference Series, IOP Publishing	2019-20	1742-6596	https://iopscience.iop.org/journal/1742-6596	https://iopscience.iop.org/article/10.1088/1742-6596/1644/1/012042	Yes
Gas sensing behavior of ZnO thick film sensor towards H ₂ S, NH ₃ , LPG and CO ₂	S G Onkar, S B Nagdeote, A S Wadtkar, Prashant B. Kharat	Physics	Journal of Physics: Conference Series, IOP Publishing	2019-20	1742-6596	https://iopscience.iop.org/journal/1742-6596	https://iopscience.iop.org/article/10.1088/1742-6596/1644/1/012060	Yes
Nanocatalyst: A brief review on synthesis to applications	Saurabh B. Somwanshi, Sandeep B. Somvanshi, Prashant B. Kharat	Physics	Journal of Physics: Conference Series, IOP Publishing	2019-20	1742-6596	https://iopscience.iop.org/journal/1742-6596	https://iopscience.iop.org/article/10.1088/1742-6596/1644/1/012046	Yes
Multifunctional magnetic nano-platforms for advanced biomedical applications: A brief review	Saurabh B. Somwanshi, Sandeep B. Somvanshi, Prashant B. Kharat	Physics	Journal of Physics: Conference Series, IOP Publishing	2019-20	1742-6596	https://iopscience.iop.org/journal/1742-6596	https://iopscience.iop.org/article/10.1088/1742-6596/1644/1/012036	Yes

Low-cost fabrication of Cu doped ZnO(Zn _{0.95} Cu _{0.05} O) film for enhanced gas sensing applications	A. S. Wadatkar, Prashant B. Kharat, Ajay V. Ambhore , S. G. Onkar	Physics	Journal of Physics: Conference Series, IOP Publishing	2019-20	1742-6596	https://iopscience.iop.org/journal/1742-6596	https://iopscience.iop.org/article/10.1088/1742-6596/1644/1/012059	Yes
The D.C electrical properties of Lithium ion conducting solid polymer electrolyte based on polyvinyl alcohol	A. S. Wadatkar , Prashant B. Kharat, A.V. Turkhade, S. G. Onkar and P. S. Bodkhe	Physics	Journal of Physics: Conference Series Volume: 1644,	2019-20	ISSN:1742-6588, E-ISSN:1742-6596	https://iopscience.iop.org/journal/1742-6596	https://iopscience.iop.org/article/10.1088/1742-6596/1644/1/012037	Scopus
Temperature dependent AC electrical properties of solid polymer PVA based proton electrolyte	A. S. Wadatkar , Prashant B. Kharat, Ajay V. Ambhore and S. G. Onkar	Physics	Journal of Physics: Conference Series Volume: 1644,	2019-20	ISSN:1742-6588, E-ISSN:1742-6596	https://iopscience.iop.org/journal/1742-6596	https://iopscience.iop.org/article/10.1088/1742-6596/1644/1/012054	Scopus
Low-cost Fabrication of Cu doped ZnO (Zn _{0.95} Cu _{0.05} O) Film for Enhanced Gas Sensing Applications	A. S. Wadatkar , Prashant B. Kharat, Ajay V. Ambhore and S. G. Onkar	Physics	Journal of Physics: Conference Series Volume: 1644,	2019-20	ISSN:1742-6588, E-ISSN:1742-6596	https://iopscience.iop.org/journal/1742-6596	https://iopscience.iop.org/article/10.1088/1742-6596/1644/1/012059	Scopus
Gas sensing behavior of ZnO thick film sensor towards H ₂ S, NH ₃ , LPG and CO ₂ .	A S Wadatkar , S G Onkar, S B Nagdeote, and P B Kharat	Physics	Journal of Physics: Conference Series Volume: 1644,	2019-20	ISSN:1742-6588, E-ISSN:1742-6596	https://iopscience.iop.org/journal/1742-6596	https://iopscience.iop.org/article/10.1088/1742-6596/1644/1/012060/meta	Scopus
Small Scale Industries and their contribution in Socio Economic Growth of India :- An Empirical Study	Dr. Prafullkumar N Tayade	Commerce	Purakala	2019-20	ISSN 0971-2143	https://www.academia.edu/37880785	https://www.academia.edu/37880785	YES

Role and Impact of E-Commerce in Business and Trades	Dr. Prafullkumar N Tayade	Commerce	International Journal of Advanced Research in Science , Communication and Technology	2019-20	ISSN No: 2581-9429	http://ijarsct.co.in/may20i3.html	http://ijarsct.co.in/may20i3.html	YES
COVID-19 AND ITS IMPACT ON E-COMMERCE IN INDIA-A CRITICAL STUDY	Dr. Prafullkumar N Tayade	Commerce	EPRA- International Journal of Economics Business and Management Studies	2019-20	ISSN: 2347-4378	https://eprajournals.com/jpanel/upload/822pm_6.EPRA%20JOURNALS%20-6567.pdf	https://eprajournals.com/jpanel/upload/822pm_6.EPRA%20JOURNALS%20-6567.pdf	YES
Problems and Features of Agricultural Marketing in Marathwada (Maharashtra)	Dr Dasharath Kale	Commerce	Purakala with ISSN 0971-2143 (9)	2019-20	ISSN 0971-2143 (9)	https://www.purakala.com/index.php/0971-2143/issue/view/26	https://www.purakala.com/index.php/0971-2143/issue/view/26	YES
कोरोना संसर्ग □ लॉकडाऊन मुळे महाराष्ट्रातील ग्रामीण आणि शहरी उद्योगांवर परिणाम"	Dr Dasharath Kale	Commerce	Published in Purakala with ISSN 0971-2143	2019-20	ISSN 0971-2143	https://www.purakala.com/index.php/0971-2143/issue/view/56	https://www.purakala.com/index.php/0971-2143/issue/view/56	YES
A study of agro entrepreneurship and their problems in the development in Maharashtra	Dr Dasharath Kale	Commerce	Studies in Indian place name ISSN23943114	2019-20	ISSN23943114	https://archives.tpsindia.org/index.php/sipn/issue/view/123	https://archives.tpsindia.org/index.php/sipn/issue/view/123	YES
A Study of Impact of GST on Mobile Banking	Dr Dasharath Kale	Commerce	OUR HERITAGE	2019-20	0474-9030	https://archives.ourheritagejournal.com/index.php/oh/issue/view/17	https://archives.ourheritagejournal.com/index.php/oh/issue/view/17	YES

Bianchi Types Cosmological Models with Cold Dark Matter and Anisotropic Dark Energy in Saez- Ballester Theory of Gravitation	A. S. Bansod , V. G. Mete & P. B. Murade	Mathematics	AEGAEUM JOURNAL	2019-20	ISSN NO: 0776-3808	Aegaeum Journal – UGC-CARE Approved (Group-II) Multidisciplinary Journal (An ISO 7021 : 2008 Certified Journal)Email id: submitaj@gmail.com	https://aegaeum.com /index.php/volume- 8-issue-3-2020/	YES
Arbuscular Mycorrhizal and Endophytic (DSE) association in the dominant grasses of Melghat Forest (Phase- II), INDIA	P. W. Deotare, S. P. Khodke , R. C. Maggirwar & S. K. Kharwade	BOTANY	<i>Plant Sci. Res.</i> 36(1- 2) : pp 211-224	2019-20		http://www.plantaesci entia.com	https://www.proqu est.com/openview/ 0a1ee635b5c1c360 eaf28af78ccd3e2b/ 1.pdf?pq- origsite=gscholar&c	YES
Incidence of AM Fungi in Bamboo species from Wadali, Amravati(M.S.) India."	Maggirwar R. C., Khodke S. P. , and Pandit PS	BOTANY	<i>Int.J.of Life Sciences</i> ,2020;8(1) : pp 123-127	2019-20	ISSN:2320- 964X(Online) ISSN:2320- 7817(Print)	http://www.ijlsci.in	https://ijlsci.in/ls/in dex.php/home/artic le/view/180	Yes
Bibliometrics Study of Finance India Journal	Dr. Nitesh V. Chore	Library	Research journey International E- Research journal	2019-20	ISSN 23487143 Impact Factor 6.261	www.researchjourney. net	www.researchjourne y.net	Yes

Opens source softwares in academic library	Dr. Nitesh V. Chore	Library	Ajenta journal	2019-20	ISSN 22775730 Issue 9. Impact Factor 5.5	www.sjifactor.com	www.sjifactor.com	Yes
Soil Trap Culture of Strawberry associated AM fungi from Melghat (M.S.) India	Maggirwar R. C., Khodke S. P. , Deshmukh S. B. and Malokar S. G	BOTANY	Int. J. of Life Sciences, Special Issue, A8	2018-19	ISSN: 2320-7817 eISSN: 2320-964X	http://www.ijlsci.in	RCMIJLSsep2017.pdf	YES
" Mycorrhiza Natural Gardener "	Dr. S. P. Khodke and Dr. R.C. Maggirwar	BOTANY	" Gardyn Vol.38(1) pp 25-27 (2018-19				NO
" Arbuscular Mycorrhizal and endophytic (DSE) association in the dominant grasses of Melghat forest (Phase - I), India"	P. W. Deotare, S. P. Khodke , R. C. Maggirwar and S.K. Kharwade	BOTANY	<i>Plantae Scientia</i> 01/06/March 2019 pp87-98	2018-19	ISSN: 2581-589x EISSN : 2581-589x	https://plantaescientia.website/ojs	https://web.p.ebscohost.com/abstract?direct=true&profile=ehost&scope=site&authtype=crawler&jrnl=09702539&AN=147538592&h=ldhiGvKAqB6Lg3wyWJAjaAXrrujQkPNmazZM1ziQVMIM3mine	YES

" Effect of Glomus Fecundisporum Schenck and Smith on Plant Growth and P-Uptake in Vigna radiata L"	R. C. Maggirwar, G. B. Hedawoo, S. P. Khodke and P. B. Bobade	BOTANY	IJBAT,Special Issue (2), Vol-V,July 2017	2017-18	ISSN No. 2347-517X (Online)	https://ijrbat.in/upload_papers/02102017064_624204.pdf	https://ijrbat.in/img/certificate/UGC.jpg	yes
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