

Research Publications 2017-2024



**Bharati Vidyapeeth
(Deemed to be University),**

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India.**

Year: 2017

List of Publications in SCOPUS: 03

Sr. No.	Author	Title	Year	Journal	Volume	Issue	Page start	Page end
1	Dhapte V.	Contemporary acupressure therapy: Adroit cure for painless recovery of therapeutic ailments	2017	Journal of Traditional and Complementary Medicine	7	2	251	263
2	Dagade S.P.	Study of catalytic activity of silica supported schiff base complexes	2017	Asian Journal of Chemistry	29	7	1455	1458
3	Pawar S.G.	Characterization of Eclipta prostrata (L.) L. Leaves by FTIR spectroscopy method, CHNS and ICP-MS analysis techniques	2017	International research journal of biological sciences	6	2	30	35

List of Publications in UGC Care: 17

Sr. No.	Author	Title	Year	Journal	Volume	Issue	Page start	Page end
1	Pawar A.B.	Theoretical calculations of chemical shifts of zirconium metal chelates with 1,2 Naphthoquinone oximes	2017	IOSR Journal of Applied Chemistry	10	8	1	5
2	Pawar A.B.	Synthesis and spectral studies of 2-amino-1,4-naphthoquinone	2017	International Journal of Chem Tech Research	10	9	291	298
3	Pawar A.B.	Synthesis and vibrational study of 2-amino, 3-chloro 1,4-naphthoquinone by DFT	2017	International Journal of Chem Tech Research	10	15	239	246

4	Patil S.S.	Sangli Jilyatil Gramdaiwat Geetanchi Gunwatta	2017	International journal of multifaceted and multilingual studies	4	1	89	97
5	Shukla S.S.	Morphological investigations of TiO ₂ for application as sensitized photoelectrochemical cell	2017	Research Chronicler	5	8	62	65
6	Shukla S.S.	Characterization of Cds doped thin films grown on TiO ₂ by chemical bath deposition method	2017	International Journal of Innovative Knowledge Concepts (IJKC)	5	11	110	115
7	Pawar S.G.	Preliminary phytochemical screening of some important medicinal plants	2017	Indian journal of Applied Research	9	6	226	230
8	Pawar S.G.	A review And Preliminary Phytochemical Screening of Tridax Procumbens L. As Import Anti medicinal plants	2017	International journal of scientific research	6	11	205	206
9	Rankhambe V.A.	Emerging Female Characters in Anita Nair's Novels	2017	International Journal of Innovative Knowledge Concepts (IJKC)	5	9	1	5
10	Wadekar M.P.	IR, XRD and Antifungal investigations of Nd (III) Juglonates	2017	International journal of innovative pharmaceutical	5	12	105	115

				sciences and research				
11	Shinde V.P.	Spectral and antibacterial investigations of Er (III) Juglonates	2017	International Journal of Chem Tech Research	10	3	740	748
12	Zirange R.S.	Critical Lenses and not mere the Language for literary content	2017	International Journal of Multifaceted and Multilingual Studies	4	1	1	5
13	Zirange R.S.	Cultural conflict and Hybridity in Wife by Bharati Mukherjee	2017	International Journal of Multifaceted and Multilingual Studies	4	1	21	24
14	Zirange R.S.	Self- Identity and Cultural Conflict in Bharati Mukherjee's Jasmine	2017	The Criterion: An International Journal in English	8	1	145	151
15	Adsul V.B.	Comparative Estimation of Phenol and Flavonoid Content of Medicinally Important Plant – Amaranthus currents	2017	International Journal of Chem Tech Research	10	4	306	310
16	Adsul V.B.	Spectroscopic Determination of Total Phenol and Flavonoid Contents of Citrus Limon Peel from North Eastern Region of India	2017	Journal of Drug Delivery and Therapeutics	7	1	21	24
17	Pawar S.G.	Phytochemical screening, elemental and functional group analysis of vitex negundol. Leaves	2017	International Journal of Pharmacy and Pharmaceutical Sciences	9	6	1	5

List of Publications in Peer Reviewed: 09

Sr. No.	Authors	Title	Year	Journal	Volume	Issue	Page start	Page end
1	Pawar B.N.	Phase Transformation from in $2S_3$ to $CuInS_2$ using Ultrasonic Spray Pyrolysis	2017	International Journal of Engineering, Science and Mathematics	6	7	417	423
2	Pawar S.S.	FESEM and FTIR spectroscopic characterization of <i>Aegle marmelos</i> (L.) unripe fruit	2017	International research journal of biological sciences	6	1	34	39
3	Pawar S.S.	Determination of elemental and morphological properties of (L.) by FTIR and FESEM technique	2017	Research Journal of Recent Sciences	6	2	40	45
4	Pawar S.S.	Effect of Bacoside A on Lipid Peroxidation In D-Galactose Induced Aging Mice	2017	International Journal of Pharmacy and Pharmaceutical Sciences	9	9	12	15
5	Dagade S. P.	Biochemical profiling of antifungal activity of betel leaf (<i>Piper betle</i> L.) extract and its significance in traditional Medicine	2017	Journal of Advanced Research in Biotechnology	-	-	2	5
6	Wadekar M.P.	Spectral and Biological investigations of Nd (III) Juglonates	2017	IOSR Journal of Pharmacy	7	8	16	23
7	Wadekar M.P.	Recovery of inorganic Ayurvedic bio salts from medicinal plants	2017	MAHARATTA	-	-	-	-

8	Bhapkar Y.V.	Comparative Analysis of Data Mining Algorithms for Classification of Home Loan Applications	2017	International Journal of Multifaceted and Multilingual Studies	4	6	43	50
9	Bhapkar Y.V.	Evaluation of K-NN and Decision Tree Classifiers for Classification of Home Loan Customers Using Data Mining Classification Technique	2017	International Journal of Multifaceted and Multilingual Studies	4	10	57	62

Year: 2018

List of Publications in SCOPUS: 02

Sr. No.	Author	Title	Year	Journal	Volume	Issue	Page start	Page end
1	Deshmukh H.P.	Nanorods to nanosheets structural evolution of NixZn1-xO for NO ₂ gas sensing application	2018	Journal of Alloys and Compounds	766	-	941	951
2	Deshmukh H.P.	Preparation, characterization of 1D ZnO nanorods and their gas sensing properties	2018	Ceramics International	44	3	3333	3340

List of Publications in WoS: 02

Sr. No.	Author	Title	Year	Journal	Volume	Issue	Page start	Page end
1	Gadale S.R.	Green Oxidation of Cyclohexene in Ultrasonic Irradiation Over Copper Supported Mixed Oxide Catalyst	2018	Research Journal of Pharmaceutical, Biological and Chemical Sciences	9	3	521	529
2	Gadale S.R.	Nanocrystalline Supported Ceria as a Highly Efficient Catalyst for The Oxidative Coupling of Thiophenol	2018	Research Journal of Pharmaceutical, Biological and Chemical Sciences	9	1	80	89

List of Publications in UGC Care: 16

Sr. No.	Author	Title	Year	Journal	Volume	Issue	Page start	Page end
1	Vedpathak S.Y.	Information Consolidation: Need of the Hour	2018	International journal of multifaceted and multilingual studies	5	6	108	110
2	Zirange R.S.	Locating the dislocations in the Jhumpa Lahiri's The Namesake	2018	International Journal of Innovative knowledge concept	6	12	282	285
3	Zirange R.S.	Geographical Dislocations in The Bharti Mukherjee's Diasporic Novel Jasmine	2018	Chronicle Of Humanities & Cultural Studies (CHCS)	4	2	90	93
4	Rankhambe V.A.	Social and ethical concerns in traditional storytelling: Re-reading of select tales from Hitopadesha tales	2018	International journal of multifaceted and multilingual studies	5	2	106	109
5	Zirange R.S.	Maggie Gee's The White Family: A Protest against Racism	2018	International Journal of Innovative knowledge concept	6	3	53	57
6	Patil S.S.	वाचनसंस्कृती विकास आणि ग्रंथालयशास्त्राची पाच सूत्रे	2018	International journal of multifaceted and multilingual studies	5	1	245	246
7	Pawar S.S.	Elemental analysis of Aegle marmelos L. leaves by ICP-MS Technique	2018	International Journal of Innovative Knowledge Concepts, 6(12)	6	12	201	208

8	Pawar S.S.	Elemental Analysis in Unripe Fruit of Aegle Marmelos L. using ICP-MS Technique	2018	International Journal of Innovative Knowledge Concepts, 6(12)	6	12	209	215
9	Pawar A.B.	Synthesis & characterization studies of some derivatives of 1, 4-Naphthoquinone substituted C ₁ -NOH, C ₂ -NH ₂ , (N-acetyl) acetamido and C ₃ -C ₁	2018	IOSR, Journal of Pharmacy	8	8	51	57
10	Gadale S.R.	Study of Structural and Catalytic Properties of Copper Supported Mixed Oxide Catalysts	2018	International Journal of Current Advanced Research	7	6	13231	13235
11	Shukla S.S.	Annealing effect on TiO ₂ photoanodes prepared by Chemical bath Deposition Method	2018	International Journal of Multifaceted and Multilingual Studies	5	1	10	17
12	Pawar S.G.	Biochemical Investigation, Quantitative Estimation and Antioxidant Activity of Tridax Procumbens L	2018	Journal of Emerging Technologies and Innovative Research (JETIR)	5	7	712	717
13	Mandake A.D. & Pawar A.B.	Synthesis And Characterization Studies of Some 1, 4-Naphthoquinone Substituted C ₁ -NOH, C ₂ -NH ₂ and (N-Acetyl) Acetamido	2018	IOSR Journal of Pharmacy and Biological Sciences	13	5	37	42
14	Deshmukh H.P.	Hydrothermal method for Synthesis of different Nanostructure Metal Oxide thin film	2018	International Journal of Innovative Knowledge Concepts	6	11	126	129

15	Phad D.V.	Reforms in indirect taxes in India	2018	Research Journey, International Multidisciplinary Journal	-	39	5	7
16	Phad D.V.	Scenario of centrally sponsored schemes for slum development	2018	International journal of multifaceted and multilingual studies	5	1	116	118

List of Publications in Peer Reviewed Journals: 02

Sr. No.	Author	Title	Year	Journal	Volume	Issue	Page start	Page end
1	Gadale S.R.	Lipase mediated silver nanoparticles as a robust catalyst for VLPC assisted trans-esterification reaction	2018	The Pharma Innovation Journal	7	1	205	207
2	Bhapkar Y.V.	Comparative analysis of classification-based data mining algorithms for credit risk analysis	2018	International Journal of Engineering & Scientific Research	6	2	1	9

Year: 2019

List of Publications in SCOPUS: 04

Sr. No.	Author	Title	Year	Journal	Volume	Issue	Page start	Page end
1	Dagade S.P.	Liquid phase O-methylation of phenol using K doped ZrO ₂ /MoO ₃	2019	Research Journal of Chemistry and Environment	23	2	31	38
2	Vedpathak S.Y.	Potential Appeal Mechanism by Consent: Arbitration	2019	International Journal of Recent Technology and Engineering (IJRTE)	8	3	4511	4513
3	Pawar S.S.	Phytochemical Screening and FTIR Analysis of Aegle Marmelosl Unripe Fruit	2019	J. Env. Bio-Sci	33	1	203	210
4	Dagade S.P.	Recyclable Nanocrystalline Copper Based on MoO ₃ /SiO ₂ as an Efficient Catalyst for Acylation of Amines	2019	Bulletin of Chemical Reaction Engineering & Catalysis	14	1	93	104

List of Publications in UGC Care: 12

Sr. No.	Author	Title	Year	Journal	Volume	Issue	Page start	Page end
1	Zirange R.S.	Role of modern education methods enriching the literary thinking of the students	2019	Electronic International Interdisciplinary Research Centre	8	1	1	4
2	Zirange R.S.	Education through social movements as reflected in Anita Nairs novel	2019	Electronic International Interdisciplinary Research Centre	8	1	8	10

3	Pawar S.G.	Studies on quantitative estimation and antioxidant activity of <i>Tridax procumbens</i> L.	2019	International Journal of Innovative Knowledge Concepts	7	1	193	196
4	Mali G.V.	Toxicological Study of Deltamethrin and Its Metabolites on Earthworm (<i>Eisenia Fetida</i>)	2019	RJLBPCS Journal	-	-	197	204
5	Rankhambe V.A.	Trans-Corporeality as a conceptual model of material ecocriticism and the human body as a site of narrativity in baromaas: twelve enduring months	2019	International conference on recent trends in (HEALM)			978	993
6	Patil S.S.	महात्मा फुले, शाहू महाराज आणि डॉ. बाबासाहेब आंबेडकर यांचे कृषि - औद्योगिक क्षेत्रातील योगदान	2019	15 th International interdisciplinary conference Paper	-	-	89	92
7	Mandake A.D. & Pawar A.B.	Spectral and thermal Analysis of 1,4-naphthaquinone and their metal chelates.	2019	International Journal of Innovative Knowledge Concepts	7	1	243	250
8	Zirange R.S.	Locating the dislocations in the Jhumpa Lahiri's <i>The Lowland</i>	2019	International Journal of Innovative Knowledge Concepts	7	3	132	136
9	Jagtap S.R.	A Study of Present E-Banking Services in India	2019	International Journal of Research and Analytical Reviews	6	1	1184	1188
10	Dagade S.P.	Eco-friendly solid acidic oxides as substitutional to sulfuric acid in the liquid phase nitration of toluene	2019	International Journal of Innovative Knowledge Concepts	7	1	19	27
11	Pawar A.B.	Spectral and thermal investigation of bioactive 1, 4- Naphthoquinones and its metal chelates (Zn, Cd, Hg)	2019	International Journal of Innovative Knowledge Concepts	7	2	207	214

12	Mali G.V.	Toxicological Study of Cypermethrin and Its Metabolites on Earthworm (Eisenia Fetida)	2019	International Conference on Advances in Pure and Applied Sciences	-	-	312	316
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List of Publications in Peer Reviewed: 04

Sr. No.	Author	Title	Year	Journal	Volume	Issue	Page start	Page end
1	Gadale S.R.	Green synthesis and antimicrobial activity of silver nanoparticles using Rosmarinus Officinalis leaves extract	2019	Bio-Materials and Technology	1	1	45	54
2	Deshmukh H.P.	Rutile TiO ₂ Nanoflowers acquire by using simple hydrothermal method for Efficient Dye Sensitized Solar Cell	2019	International journal of basic and applied research	9	1	90	102
3	Bhaskar Y.V.	Analysis of Data Mining Classification Based Algorithms in health care sector	2019	International research journal of science engineering and technology	9	3	6	13
4	Phad D.V.	Psychology and economic theory	2019	Vidyawarta	-	-	-	-

Year: 2020

List of Publications in SCOPUS: 04

Sr. No.	Authors	Title	Year	Journal	Volume	Issue	Page start	Page end
1	Vedpathak S.Y.	Impact of Lockdown Period on Library Professionals of Maharashtra State: A survey	2020	International Journal of Psychosocial Rehabilitation	24	6	18225	18239
2	Gadale S.R.	Covid 19: Indian Scenario with new non-natural risk	2020	Research Journal of Chemistry and Environment	24	5	152	157
3	Gurav O.B.	Occurrence climatology of equatorial plasma bubbles (EPBs) using optical observations over Kolhapur, India during solar cycle-24	2020	Annals of Geophysics	63	6	1	20
4	Deshmukh H.P.	Fast response and highly selective nitrogen dioxide gas sensor based on Zinc Stannate thin films	2020	Materials Science for Energy Technologies	3	-	36	42

List of Publications in UGC Care: 12

Sr. No.	Authors	Title	Year	Journal	Volume	Issue	Page start	Page end
1	Gadale S.R.	Synthesis, characterization of Nd doped silica nanocomposites and its Photocatalytic activity	2020	Journal of Advanced Scientific Research	11	4	72	77

2	Mali G.V.	Biodegradation of dichlorvas by strain of pseudo chrobactrum saccharolyticum from grape wine yard soil	2020	Journal of Advanced Scientific Research	11	4	40	44
3	Mali G.V.	Optimization, purification and characterization of tyrosinase from Novel strain of streptomyces bikiniensis	2020	Journal of Advanced Scientific Research	11	4	117	124
4	Rankhambe V.A.	Issues of Caste and Religion: Reflections in Bharat Sasane's Two Friends: A Perspective of the Third	2020	Our Heritage	68	32	653	659
5	Rankhambe V.A.	'Khelega India To Khilega India', The Government Initiative for The Promotion of Sports Culture and Stakeholders' Responsibilities: A Critique	2020	Our Heritage	68	50	76	88
6	Rankhambe V.A.	Slow Violence: Giving Voice to Polluted Landscapes	2020	International journal of English: Literature, language & skills	9	2	14	19
7	Khatiwora E.	Comparative anthelmintic activity of citrus limon l osbeck and citrus limon L Burmf from north eastern India	2020	Journal of Advanced Scientific Research	11	3	234	237
8	Mallahi P.	Modern Feminism and Gender Negotiation in the Selected Novels of Jeanette Winterson	2020	Our Heritage	68	32	459	465
9	Zirange R.S.	A Study on Effect of Gender on Learning English Vocabulary	2020	Jumi Khyat (UGC Care	10	9	1	10

				Group I Listed Journal)				
10	Zirange R.S.	Use of Power Point as a Teaching Aid in Teaching English Vocabulary to Improve Long-term Memory of EFL/ESL Learners	2020	Mukt Shabd Journal	IX	IX	1128	1137
11	Rankhambe V.A.	Stories of Matter are Stories that Matter: A Material Ecocritical Response to Environmental Crises	2020	Journal of Literature & Aesthetics	20	2	132	140
12	Rankhambe V.A.	Facing the Inhuman within: a Reading of Indira Goaswami's the Man from Chinasmasta based on Animal Sacrifice at Kamakhya	2020	Purakala	31	27	192	199

List of Publications in Peer Reviewed Journals: 01

Sr. No.	Authors	Title	Year	Journal	Volume	Issue	Page start	Page end
1	Phad D.V.	End of the master development plan – jnnurm with special reference to nanded waghala city municipal corporation	2020	International research journal of multidisciplinary studies	6	12	44	48

Year: 2021

List of Publications in SCOPUS: 10

Sr. No.	Authors	Title	Year	Journal	Volume	Issue	Page start	Page end
1	Gadale S.R.	Synthesis of zirconia doped molybdenum oxide as efficient catalysts for ultrasound assisted synthesis of substituted pyrazoles	2021	Asian Journal of Chemistry	33	9	2007	2014
2	Pawar B.N.	Deposition of β -In ₂ S ₃ Photosensitive Thin Films by Ultrasonic Spray Pyrolysis	2021	ES Energy and Environment	12		52	59
3	Mohite S.S.	Brönsted acid hydrotrope combined catalysis in water: a green approach for the synthesis of indoloquinolines and bis-tetronic acids	2021	Research on Chemical Intermediates	47	6	2263	2278
4	Gurav O.B.	Observation of an Intriguing Equatorial Plasma Bubble Event Over Indian Sector	2021	Journal of Geophysical Research: Space Physics	126	5		
5	Jape A.A.	A New Simple Method to Preserve Phage - Preliminary Study	2021	Journal of Microbiology, Biotechnology and Food Sciences	10	5	1	4
6	Gurav O.B.	Variation in atmospheric air ion and its index of pollution during morning time (06:00 to 08:00 IST) in the sugarcane area at rural station Bhilawadi (16.5°N, 74.2°E)	2021	International Journal of Environment and Sustainable Development	20	2	201	211
7	Gurav O.B.	Impact of COVID-19 lockdown on ground-based airglow observations over India	2021	Remote Sensing Letters	12	5	488	498

8	Pawar B.N.	Thin Zn _{1-x} Mn _x O Films (x= 1–4 at %) by Chemical Bath Deposition: Influence of Dopant Concentration	2021	International Journal of Self-Propagating High-Temperature Synthesis	30	2	100	105
9	Gurav O.B.	Radio and optical investigations of storm time evolution of post-midnight equatorial plasma bubbles (EPBs) and their drifts over Indian sector	2021	Advances in Space Research	67	-	87	101
10	Pawar S.S.	FTIR Analysis and Phytoconstituents Screening of Aegle Marmelos L. Leaves in Various Extracts	2021	Indo Global Journal of Pharmaceutical Sciences	11	2	76	84

List of Publications in UGC Care: 04

Sr. No.	Authors	Title	Year	Journal	Volume	Issue	Page start	Page end
1	Tripathi M.	In-vitro Anthelmintic Potential of Leaf Extracts of <i>Amaranthus tricolor</i> Linn	2021	International Journal of Pharmaceutical Sciences and Drug Research	15	5	603	607
2	Khatiwora E.	Isolation, characterization and antimicrobial activity of an aromatic Ester from <i>ipomoea carnea</i> stem bark	2021	Journal of Advanced Scientific Research	12	2	245	251
3	Patil P.T.	Study of venture capital investor's role beyond financial investment in start- ups	2021	Shodh Sarita	8	29	22	27

4	Patil S.S.	ज्येष्ठ साहित्यिक डॉ. अनिल अवचट यांचे नुकतेच निधन झाले. त्यांच्या वित्तमत्त्वाचा आणि साहित्यिक कर्तृत्वाचा घेतलेला वेध. डॉ. अनिल अवचट व्यक्ती आणि वाङ्मय	2021	-	-	-	47	50
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List of Publications in Peer Reviewed Journals: 13

Sr. No.	Authors	Title	Year	Journal	Volume	Issue	Page start	Page end
1	Patil P.T.	Study of emerging technology adoption for customer experience creation by Indian banking Industry	2021	International research journal of multidisciplinary Studies	7	2	88	95
2	Patil P.T.	Study of Financial Awareness and Its Impact on Investment Strategies adopted by Salaried Individuals	2021	International research journal of multidisciplinary Studies	7	7	74	86
3	Mali G.V.	Isolation, Characterisation of Aflatoxin Producing Fungi from Contaminated Peanut and Rice, their Fate on Aflatoxin Production	2021	YMER	20	11	565	572
4	Gadale S.R.	Use of Nano pesticide in Agriculture and its Toxicity – A Review	2021	Research & Reviews in Biotechnology & Biosciences	8	1	118	129
5	Gadale S.R.	Applications of Nanotechnology in Ayurveda: A review	2021	Research & Reviews in Biotechnology & Biosciences	8	1	163	169

6	Gadale S.R.	Nano fertilizer is boon for Soil Health	2021	Research & Reviews in Biotechnology & Biosciences	8	1	130	139
7	Gadale S.R.	Interaction between Nanoparticles and Soil Microflora	2021	Research & Reviews in Biotechnology & Biosciences	8	1	140	147
8	Gadale S.R.	Nanotechnology in Ayurveda perspective	2021	Research & Reviews in Biotechnology & Biosciences	8	1	157	162
9	Gadale S.R.	Applications of Nanotechnology in Precision Agriculture: A review	2021	Research & Reviews in Biotechnology & Biosciences	8	1	105	117
10	Shinde V.P.	A review on 1, 5-Benzothiozepins as a versatile	2021	Journal of Emerging Technologies and Innovative Research	8	9	318	324
11	Phad D.V.	Urbanization Trend in India	2021	International Research Journal of Multidisciplinary Studies	7	2	85	87
12	Phad D.V.	Impact of Covid-19 on Employment in India	2021	International Research Journal of Multidisciplinary Studies	7	7	71	73

13	Shukla S.S., & Deshmukh H.P.	Investigation of solar cell performance of Rutile TiO ₂ thin films obtained by chemical bath deposition method	2021	Journal of Scientific Research	65	1	1	8
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Year: 2022

List of Publications in SCOPUS: 13

Sr. No.	Authors	Title	Year	Journal	Volume	Issue	Page start	Page end
1	Mali G.V.	Antagonistic Effect of Biocontrol Agents on Aflatoxin producing Fungal Isolates from Contaminated Peanuts	2022	Research Journal of Biotechnology	17	10	54	57
2	Mohite S.S.	Role of aromatic ring spacer in homo-coupled conjugated microporous polymers in selective CO ₂ separation	2022	Journal of Applied Polymer Science	139	31	-	-
3	Gadale S.R.	Synthesis and Structural, Optical and Photocatalytic Properties of Erbium doped Silica Nanocomposites	2022	Research Journal of Chemistry and Environment	26	6	73	80
4	Shukla S.S, Jape A.A, Gadale S.R.	Study of Concentration and Temperature Dependent Structural, Optical, Photocatalytic and Antimicrobial Activity of MoO ₃ Thin Films by Ultra Spray Pyrolysis	2022	Asian Journal of Chemistry	34	6	1419	1424
5	Gadale S.R.	Investigation of Structural and Catalytic Performance of Nano Crystalline Ytria Dopped Zirconia	2022	Asian Journal of Chemistry	34	3	733	739
6	Mohite S.S.	An efficient Cu ₂ Zn _{1-x} In _x Sn(S,Se) ₄ multicomponent photocathode via one-step hydrothermal approach for thin film solar cell	2022	Journal of Materials Chemistry C	10	9	3447	3460
7	Gadale S.R.	Green synthesis and Characterization of Ag-PANI (Polyaniline) Nanocomposite and its Application as a Carboxylate Vapour Sensor	2022	2022 IEEE Pune Section International Conference, Pune Con 2022	-	-	-	-

8	Gadale S.R.	Green Synthesis and in vitro Anti-Tubercular Activity of Monometallic and Bimetallic Oxide Nanoparticles	2022	Asian Journal of Chemistry	34	4	926	930
9	Mohite S.S.	One-drop organocatalyzed multicomponent synthesis of pyrazolo [1,2-b] phthalazine-diones and pyrazolophthalazinyl quinolines	2022	Research on Chemical Intermediates	-	-	-	-
10	Pawar S.G.	In vitro Antioxidant Potential, High-Performance Liquid Chromatography, and Chemometric Analysis of Embelia ribes and Embelia-tsjeriam-cottam with Respect to their Developmental Stages	2022	Annals of Forest Research	65	1	10527	10542
11	Wadekar M.P., Adsul V.B., Jadhav. V.B.	A New Perspective of Ligands and their Metal Chelates for Anthelmintic Activity	2022	YMER	21	6	732	746
12	Bhapkar Y.V. & Ghadge J.S.	Data Mining Analysis for Equipment and Data Resources	2022	Journal of Optoelectronics Laser	41	8	997	1002
13	Deshmukh H.P.	Photoelectrochemical properties of nanoflake-like cadmium sulfide-sensitized Zn ₂ SnO ₄ thin film electrodes prepared by chemical methods	2022	International journal of energy research	-	-	1	8

List of Publications in UGC Care: 09

Sr. No.	Authors	Title	Year	Journal	Volume	Issue	Page start	Page end
1	Gadale S.R.	Synthesis, Characterization and Photocatalytic Activity of Nanocrystalline Lanthanum Doped Molybdenum Oxide	2022	Journal Of Advanced Scientific Research	13	1	153	161

2	Patil S.S.	Loksahtyatil Sthl purananchya Abhyasabat Vicechan Krnara Shodhnibhand	2022	Maharashtra Sahitya Patrika	377	-	35	38
3	Rankhambe V.A.	Vision of Modern Feminism in The Select Novels of Shashi Deshpande	2022	International Journal of Advance and Applied Research	10	1	837	839
4	Zirange R.S., & Mohite M.S.	Cultural Dislocations in The Bhartimukherjee's Diasporic Novel Jasmine	2022	LANGLIT	-	-	462	467
5	Vedpathak S.Y.	A Study of Services Available in The Selected Law Education Institute's Libraries in Pune	2022	Journal Of Education: Rabindra Bharati University	5	3	11	16
6	Vedpathak S.Y.	A Study on Collection Development Process in Law Educational Libraries	2022	Purana	65	1	31	38
7	Vedpathak S.Y.	Library Services in Management Education Institutes in Pune: An Empirical Study	2022	International Journal if Food and Nutritional Sciences	11	11	1816	1825
8	Vedpathak S.Y.	Status of Library Automation: A Study of Management Education Institutes Libraries	2022	International Journal of Food and Nutritional Sciences	11	10	1726	1733
9	Ghadage J.S. & Bhapkar Y.V.	A Critical Data Mining in The Context of E-Learning	2022	Journal of the Maharaja Sayajirao University of Baroda	56	2	104	111

List of Publications in Peer Reviewed Journals: 06

Sr. No.	Authors	Title	Year	Journal	Volume	Issue	Page Start	Page End
1	Jagtap S.R.	Traffic Prediction Using Deep Learning and AI	2022	Journal of Harbin Institute of Technology	54	6	102	106
2	Mali G.V.	Isolation, Characterization and Identification of Potent Plant Growth Promoting Rhizobacteria from Asparagus Racemosus	2022	YMER	21	6	148	174
3	Pawar S.G.	Comparative Study: Degradability And Stability of Polyolefins Under the Accelerated Weathering Conditions	2022	International Journal of Food and Nutritional Sciences	11	10	4126	4141
4	Mali G.V.	Biodegradation Study of An Organophosphorus Insecticide–Quinalphos by Novel Sphingobacterium Mizutaii Strain DSM 11724	2022	International Journal of Microbial Science	3	1	8	16
5	Vedpathak S.Y.	Importance and Availability of E-Resources in Legal Study	2022	Rajarshi Research Journal	13	-	1	5
6	Adsul V.B., & Pawar A.B.	Insecticidal activity of aromatic bromo compound from Ipomoea Carnea	2022	Der Pharma Chemica	14	4	8	11

Year: 2023

List of Publications in SCOPUS: 18

Sr. No.	Authors	Title	Year	Journal	Volume	Issue	Page start	Page end
1	Adsul V.B.	Crystal formation, structural, optical, and dielectric measurements of l-histidine hydrochloride hydrate (LHHCLH) crystals for optoelectronic applications	2023	Journal of Materials Science: Materials in Electronics	34	30	-	-
2	Kumbhar N.M.	Strong zero-divisor graph of rings with involution	2023	Asian-European Journal of Mathematics	16	10	-	-
3	Gadale S.R.	Quinoline-infused graphene carbon cages: an ecofriendly approach towards environmental remediation	2023	Research on Chemical Intermediates	49	10	4217	4237
4	Mohite S.S.	Development of a Bioanalytical Method for the Determination of Aureofungin and Its Sodium Salt Derivative Using HPLC: an Application to Pharmacokinetic Studies	2023	Journal of Analytical Chemistry	78	8	1029	1040
5	Mandake A.D.	Construction of Waste Chalk Powder into mpg-C ₃ N ₄ -CaSO ₄ as an Efficient Photocatalyst for Dye Degradation under UV-Vis Light and Sunlight	2023	Langmuir	39	18	6324	6336
6	Mali G.V.	Detection of Aflatoxin Producing Fungi in Rice and Peanut, And Determination of Aflatoxin by HPLC-FLD Method	2023	Applied Biological Research	25	2	216	224
7	Gadale S.R. & Shukla S.S.	Synthesis, Characterization of Zirconia and Molybdenum Doped on Silica: Study their Catalytic Activity for Oxidation of Sulphides	2023	Asian Journal of Chemistry	35	4	999	1008

8	Mali G.V.	Purification of Lipase from Pseudomonas aeruginosa VSJK R-9 and Its Application in Combination with the Lipolytic Consortium for Bioremediation of Restaurant Wastewater	2023	Applied Biochemistry and Biotechnology	195	3	1888	1903
9	Bhapkar Y. V & Ghadge J.S.	Evolutionary Programming for Dynamic Resource Management and Energy Optimization in Cloud Computing	2023	International Conference on Advanced Computing Technologies	-	-	-	-
10	Jagtap S.R.	Protecting Online Transactions: A Cybersecurity Solution Model	2023	International Conference on Advanced Computing Technologies	-	-	2630	2634
11	Jape A.A.	Critical Assessment of Polyaniline-based Bio composites for Removal of Toxic Heavy Metals from Aqueous Media	2023	Asian Journal of Chemistry	35	7	-	-
12	Mali G.V.	Impact of plant growth promoting rhizobacteria Serratia nematodiphila RGK and Pseudomonas plecoglossicida RGK on secondary metabolites of turmeric rhizome	2023	Biocatalysis and Agricultural Biotechnology	47	-	-	-
13	Gurav O.B.	The day-to-day variability in the mesosphere and lower thermosphere in low latitudes: A study using MF radar	2023	Advances in Space Research	71	1	199	215
14	Gurav O.B.	Monitoring cloud parameters using a ground-based airglow imager	2023	Remote Sensing Letters	14	8	845	866

15	Bhapkar Y.V. & Ghadge J.S.	An introduction to power BI for data analysis	2023	International journal of intelligent systems and applications in engineering	12	13	142	147
16	Jape A.A.	RSM (Central Composite Design) for dual fermentation system a new approach to enhance LC-PUFA in corn by using marine Candida tropicalis	2023	Journal of Xian University of Architecture and Technology	15	8	194	208
17	Mohite S.S.	Stimuli-Responsive design of metal-organic frameworks for cancer thermostatics: Current challenges and future perspective	2023	ACS Biomaterials Sci Eng	14	9	4497	4526
18	Adsul V.B. & Wadekar M.P.	Investigation of Anthelmintic Potential of Two Leafy Vegetables from the Amaranthaceae Family	2024	Journal of Natural Remedies	24	1	128	134

List of Publications in WoS: 02

Sr. No.	Authors	Title	Year	Journal	Volume	Issue	Page start	Page end
1	Mali G.V.	Bioelectricity Production from Algal Water Sample Using Microbial Fuel Cells	2023	Bulletin of Environment, Pharmacology and Life Sciences	-	1	300	303
2	Wadekar M.P., & Adsul V.B.	A comparative study of structural properties and Antacid activity of some commercial samples of Shauktika bhasma	2023	International Journal of Ayurvedic Medicine	14	3	724	728

List of Publications in UGC Care: 08

Sr. No.	Authors	Title	Year	Journal	Volume	Issue	Page start	Page end
1	Jagtap S.R.	Impact of Online Classes on Degrading Knowledge Acquisition	2023	The Online Journal of Distance Education and e-Learning	11	2	2300	2307
2	Patil S.S.	Dr. Sadanand More Jiwan Parichay	2023	Saksham Samiksha	01	-	71	73
3	Pawar S.S.	Qualitative and Quantitative Analysis of Anethum Graveolens L. Flowers Extracts	2023	Madhya Bharti - Humanities and Social Sciences	-	-	124	133
4	Mali G.V.	Biosynthesis of Silver Nanoparticles by Some Microorganisms Isolated from Jewellery Shop Waste	2023	Research Journal of Agricultural Sciences	14	5	1135	1146
5	Zirange R.S.	Trauma, Female Psyche and Quest for Freedom in Tehmina Durrani's Blasphemy	2023	Phalanx: A Quarterly Review for Continuing Debate	18	1	230	234
6	Zirange R.S.	Analysis of Silenced Voices in Tehmina Durrani's My Feudal Lord	2023	Utkal Historical Research Journal	36	1	143	147
7	Zirange R.S.	Exploring The Implicatures In 'The Zoo Story' and 'The American Dream' By Edward Albee	2023	Shodhak: A Journal of Historical Research	52	2	147	154
8	Zirange R.S.	Study of Implicatures in The Birthday Party and The Homecoming by Harold Pinter	2023	Atishay Kalit	10	18	243	250

List of Publications in Peer Reviewed Journals: 02

Sr. No.	Authors	Title	Year	Journal	Volume	Issue	Page Start	Page End
1	Pawar S.S.	Qualitative and Quantitative Analysis of Anethum graveolens L. Leaves in Various Extracts	2023	Advances in Zoology and Botany	11	5	192	398
2	Wadekar M.P.	Thermal Stabilities of Isomeric Alkaline earth Chelates of Phthiocol and Plumbagin	2023	TIJER	10	4	77	82

Year: 2024

List of Publications in SCOPUS: 13

Sr. No.	Authors	Title	Year	Journal	Volume	Issue	Page start	Page end
1	Shukla S.S., & Gadale S.R.	Superior antibacterial performance of surfactant-assisted ZnO nanoflakes produced via Co-precipitation method	2024	Chemical Physics Letters	846	-	-	-
2	Mohite S.S.	Solution-processed Sb ₂ O ₃ : A promising electrode material for high-performance supercapacitors and electrocatalysts	2024	Journal of Energy Storage	89	-	-	-
3	Mali G.V.	Indole acetic acid (IAA) production by endophytic bacterial isolate Agrobacterium tumefaciens BE-1 from roots of Musa acuminata	2024	Research Journal of Biotechnology	19	4	32	39
4	Gurav O.B.	Equatorial plasma bubble association with lower atmospheric gravity waves – Further evidences	2024	Advances in Space Research	73	7	3486	3493
5	Dabade A., & Babar G.	Decontamination of Fresh Cut Produce Using Lactobacillus rhamnosus GG Spent Medium	2024	Letters in Applied Nano Bio Science	13	1	-	-
6	Pirjade B.S.	Photocatalytic Degradation of Methylene Blue Dye by Using Different Nanoparticles	2024	Journal of Advanced Research in Micro and Nano Engineering	17	1	1	17
7	Pirjade B.S.	Photocatalytic Degradation of Methylene Blue and Methyl Orange Dye by Using the Core-Shell Structure of Fe ₃ O ₄ @ZnS Nanoparticles	2024	Journal of Advanced Research in Micro and Nano Engineering	17	1	42	55

8	Shukla S.S. & Gadale S.R.	Enriching the antimicrobial efficacy of iron oxide with bioderived mesoporous carbon	2024	Inorganic Chemistry Communications	161	-	-	-
9	Pawar A.B.	Recent advances in DNA-based probes for photoacoustic imaging	2024	Journal of Biotechnology	382		8	20
10	Mandake A.D.	Transformation of corn cob waste into mesoporous carbon by template-free method and construction of TiO ₂ -mesoporous carbon nanocomposite for MO dye degradation	2024	Journal of Materials Science: Materials in Electronics	35	1	-	-
11	Mohite S.S.	Effect of microwave-assisted drying and extraction of 6-Shogaol from Zingiber officinale Roscoe	2024	Preparative Biochemistry & Biotechnology	-	-	-	-
12	Khatik I. & Kadam S.	Automatic Diagnosis of Fracture using Deep Learning and External Validation: A Systematic Review and Meta-Analysis	2024	International Journal of Intelligent Systems and Applications in Engineering	12	16s	41	48
13	Jape A.A.	Study of mushroom diversity and cultivation potential of wild Pleurotus mushroom from western ghats	2024	Xian Journal of Agriculture & Technology	16	3	194	208

List of Publications in UGC Care: 04

Sr. No.	Authors	Title	Year	Journal	Volume	Issue	Page start	Page end
1	Pawar A.B.	Textile Industry Effluent Component Recovery by Ultrafiltration Followed by Nanofiltration	2024	The Indian Journal of Technical Education	47	1	197	203
2	Pawar S.S.	FTIR Spectroscopic Analysis of Anethum graveolens L. Leaves Extract	2024	J. Indian bot. Soc.	-	-	-	-
3	Mali G.V.	Bioremediation of Heavy Metals (Pb and Hg) from Contaminated Sites by Potential Micro-organisms	2024	Research Journal of Agricultural Sciences	15	02	368	375
4	Rankhambe V.A.	Bhartiy Dyan Parampara (IKS): Darshan Atmnirbhar Bharatache	2024	Akhil Maharashtra Federation of Principals	-	-	177	181

List of Publications in Peer Reviewed Journals: 01

Sr. No.	Authors	Title	Year	Journal	Volume	Issue	Page Start	Page End
1	Pawar S.G.	Herbal Efficacy Against Candida albicans Resistance: A Comprehensive Review	2024	Gradiva Review Journal	10	2	215	225