

Bharati Vidyapeeth's
Dr.Patangrao Kadam Mahavidyalaya, Sangli
Research Publications from 2012-13

S.No.	Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISBN/ISSN number
1	Alkaloids, the Healers in Medicinal Plants	Dr. Mrs J. V. Kurhekar	Microbiology	International Journal of Research in BioSciences (IJRBS), 6(4):1-7	2017	ISSN (Online) 2319 – 2844
2	Encapsulation of curcumin over carbon dot coated TiO ₂ nanoparticles for pH sensitive enhancement of anticancer and anti-psoriatic potential	Dr.D. G. Kanase, V. J. Sawant, S. R. Bamane, Jai Ghosh	Chemistry	RSC Advances, 6:66745-66755	2016	ISSN 2046-2069
3	PEG-cyclodextrin coated curcumin loaded zinc ferrite core nanocomposites as pH-responsive drug delivery system for anti inflammation and anticancer application	Dr.D. G. Kanase	Chemistry	Archives of Applied Science Research	2013	ISSN 0975-508X
4	Physico-Chemical Analysis of drinking water samples of different places in Kadegaon Tahsil, Maharashtra (INDIA)	Dr.D. G. Kanase, S. A. Shaikh, P. N. Jagdale	Chemistry	Advances in Applied Science Research, 7(6):41-44	2016	ISSN 0976-8610
5	Brand Position: The Invincible Weapon in current marketing situation	Mr. A. N. More	Commerce	Asian Journal of Multidisciplinary Studies, 5(1):55-59	2017	ISSN 2321-8819 (Online) 2348-7186 (Print)
6	Use of Biomass Fuel and Reduced Lung function in Women working in the Fields in rural area of Rasulwadi from Sangli district	Mrs. P. M. Patil, R. G. Patil, C. A. Shete	Zoology	Research Front, 2:180-186	2017	ISSN 2320-6446(Print), 2320-8341(Online)
7	Indoor air pollution and respiratory dysfunction in women exposed to biomass fuel smoke in rural area of Sangli district	Mrs. P. M. Patil, R. G. Patil, Mr. P. R. Kumbhar	Zoology, Statistics	International Journal of Researches in Biosciences, Agricultures & Technology, V(Spl 1):54-56	2017	ISSN 2347-517X (Online)
8	Analysis of components in antimicrobially effective plant extract of Pongamia pinnata by Infra-Red spectroscopy	Dr. Mrs J. V. Kurhekar	Microbiology	Bulletin of Advanced Scientific Research 02(03)	2016	e-ISSN 2454-3691

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9	Geographical Richness Of Medicinal Plants In And Around Sangli	Dr. Mrs J. V. Kurhekar	Microbiology	Research Front, 2:338-343	2017	ISSN 2320-6446(Print), 2320-8341(Online)
10	Tannins – Antimicrobial Chemical Components Of Medicinal Plants	Dr. Mrs J. V. Kurhekar	Microbiology	International Journalof Technology and Science, 9(3):5-9	2016	ISSN (online) 2350-1111, (PRINT) 2350-1103
11	Multivariate statistical analysis of soil parameters to establish baseline level around proposed Jaitapur Nuclear Power Plant (JNPP), Maharashtra, India	Dr. A. R. Supale, Ramesh Shinde, Prashant Chikode, Gurunath Nikam and Sandip Sabale	Chemistry	International Journal of Environmental Sciences & Natural Resources, 1(2): 1-8	2016	ISSN: 2572-1119
12	Problems of agricultural labour in India	Mr. P. S. Dikule	Chemistry	Research Front, 2:298-299	2017	ISSN 2320-6446(Print), 2320-8341(Online)
13	Traditional uses of some wild edible fruits from Palghar district	Mr. Manik Patil, Mahadkar Shivprasad, Megha Rane	Botany	J. Nat. Prod. Plant Resour., 6(6):8-11	2016	ISSN: 2231-3184
14	Socio-economic study of women agricultural laborers in two villages from Kolhapur district of Maharashtra	Mrs. B. K. Bhavikatti	Microbiology	Research Front, 2:167-171	2017	ISSN 2320-6446(Print), 2320-8341(Online)
15	Shetakaryanchi Atmahatya: Granthalayache Yogdan	Mrs. J. D. Hatkar	Library	Research Front, 2:233-239	2017	ISSN 2320-6446(Print), 2320-8341(Online)
16	Re-engineering of Library & Information Science	Mrs. J. D. Hatkar	Library	Sanshodhan Samiksha, Spl:247-251	2017	ISSN 2278-9308

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17	Bouddha Sanskrutik mulyanche dalit sahyamadhil pratibimb	Mrs. U. A. Desai	Marathi	Literature & Culture in the Perspective of Globalization (Conf Procc.), 38-42	2017	ISSN 2349-638X
18	Indian Agricultural Labour: Problems and Prospect	Mr. T. R. Sawant	Economics	International Journal for Scientific Research & Development, 5(1):65-66	2017	ISSN 2321-0613
19	An Article of Road accident causes in Sangli District of Maharashtra	Mr. T. R. Sawant	Economics	International Journal of Scientific Research in Science and Technology, 3(6):565-568	2017	PRINT ISSN : 2395-6011, ONLINE ISSN : 2395-602X
20	A study of different aspects and impact of service sector on Indian Economy	Mr. T. R. Sawant	Economics	Asian Journal of Multidisciplinary Studies, 5(1):49-52	2017	ISSN 2321-8819 (Online) 2348-7186 (Print)
21	Impact of physical activity on health behavior	Mr. P. D. Jagdale, Mr. N. D. Bansode	Physical education	Journal of Physical Education and Sports Science, Vol-II,328-335	2016	ISSN 2229-7049
22	Indoor air pollution and chronic obstructive pulmonary diseases in women in rural area of Sangli District	P. M. Patil, D. G. Kanase	Zoology, Chemistry	Asian Journal of Multidisciplinary studies, 4(3):37-41	2016	ISSN 2321-8819 (Online) 2348-7186 (Print)

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23	Flavonoids-the magical components of medicinal plants	Mrs. J. V. Kurhekar	Microbiology	CHEMEXPRESS, 9(2):139-144	2016	ISSN(Print) 2320-1967, ISSN (Online) 2320-1975
24	Role Of Taxonomy With Reference To Research In Microbiology	Mrs. J. V. Kurhekar	Microbiology	Trajectory, 23(1):123-130	2015	ISSN:0975-1165
25	Pattern of susceptibility of Staphylococcus aureus from clinical samples from Sangli, Maharashtra, to standard antibiotics and medicinal plant extracts	Mrs. J. V. Kurhekar	Microbiology	Bionanofrontier, 8(3):50-54	2015	ISSN(Print) 0974-0678, ISSN (Online) 2320-9593
26	Photoelectrochemical studies of zirconium dichalcogenide thin films	A. M. Sargar	Chemistry	Pelagia Research Library, Der Chemica Sinica, 6(5):1-4	2015	ISSN: 0976-8505
27	Synthesis, Characterization and Hydrophilic Properties of Nanocrystalline ZnFe ₂ O ₄ Oxide	S. V. Bangale, Dr. S. R. Bamane	Chemistry	Research Journal of Recent Sciences, 1 (ISC-2011):202-206	2012	ISSN 2277-2502
28	Synthesis and gas sensing properties of nanocrystalline ZnO by co-precipitation technique	S. V. Bangale, R. D. Prakshale, K. V. Madhale, D. R. Kamble, R. N. Dhale, Dr. S. R. Bamane	Chemistry	International Journal of Porous Materials, 2(4):20-24	2012	
29	Nanostructured MgFe ₂ O ₄ Thick Film Resistors as Ethanol Gas Sensors Operable at Room Temperature	S. V. Bangale, Dr. S. R. Bamane	Chemistry	Sensors & Transducers Journal, 137(2):176-188	2012	ISSN 1726-5479
30	Preparation and electrical properties of nanostructured spinel ZnCr ₂ O ₄ by combustion route	S. V. Bangale, Dr. S. R. Bamane	Chemistry	J Mater Sci: Mater Electron,	2012	ISSN: 0957-4522 (Print) 1573-482X
31	Preparation and Study of Acetone Gas Sensing Behavior of nanocrystalline LaCrO ₃ Thick Film	S. M. Khetre, C. J. Khiilare, V. S. Shivankar, Dr. S. R. Bamane	Chemistry	Sensors & Transducers Journal, 137(2):165-175	2012	ISSN 1726-5479

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32	Nanostructured CdFe ₂ O ₄ Thick Film Resistors as Ethanol Gas Sensors	S. V. Bangale, R. D. Prakshale, Dr. S. R. Bamane	Chemistry	Sensors & Transducers Journal, 146(11):133-144	2012	ISSN 1726-5479
33	A New Hydrogen Sensor with Nanostructured Zinc Magnesium Oxide	S. V. Bangale, R. Prakshale, D. Kambale, A. Chopade, C. Kolekar, Dr. S. R. Bamane	Chemistry	Sensors & Transducers Journal, 149(2):29-36	2013	ISSN 1726-5479
34	Synthesis, characterization and electrical properties of nanostructured LaAlO ₃ by sol-gel auto combustion method	Kashmiri A. Khamkar, Pramod N. Jagadale, Shivaji R. Kulal, Dr. S. R. Bamane Vishwas V. Dhapte	Chemistry	J Mater Sci: Mater Electron, 24:4482-4487	2013	ISSN: 0957-4522 (Print) 1573-482X
35	Electrical and dielectric properties of nanocrystalline LaCrO ₃	S. M. Khetre, A. U. Chopade, C. J. Khilare, H. V. Jadhav, P. N. Jagadale, Dr. S. R. Bamane	Chemistry	J Mater Sci: Mater Electron, 24:4482-4487	2013	ISSN: 0957-4522 (Print) 1573-482X
36	Synthesis of Dy doped Co-Zn ferrite by sol-gel auto combustion method and its characterization	S. R. Kulal, S. S. Khetre, P. N. Jagdale, V. M. Gurame, D. P. Waghmode, G. B. Kolekar, S. R. Sabale, Dr. S. R. Bamane	Chemistry	Materials Letters, 84:169-172	2012	ISSN: 0167-577X
37	Green synthesis of CdFe ₂ O ₄ nanoparticles and their application for ethanol vapor sensing	S. V. Bangale, Dr. S. R. Bamane	Chemistry	Carbon – Science and Technology	2013	ISSN 0974 – 0546
38	Preparation and Study of H ₂ S Gas Sensing Behavior of ZnFe ₂ O ₄ Thick Film Resistors	S. V. Bangale, Dr. S. R. Bamane	Chemistry	Sensors & Transducers Journal, 137(2):123-136	2012	ISSN 1726-5479

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39	PEG Encapsulated Curcumin Conjugated Cobalt Ferrite Core Shell Nanoassembly for Biocompatibility Testing and Drug Delivery	V. J. Sawant, Dr. S. R. bamane	Chemistry	Int. J. Pharm. Sci. Rev. Res., 20(1):159-164	2013	ISSN 0976 – 044X
40	Sahitya aur Itihas : Antasbandh	Dr. B. D. Patil	Hindi	Dakshinanchal:139-140	2014	
41	Water Resources management in India	Dr. N. V. Gaikwad	Geography	International Referred online research Journal, XXXI:14-17	2015	ISSN 2319-6904
42	Electrochromic performance of the mixed V ₂ O ₅ WO ₃ thin films synthesized by pulsed spray pyrolysis technique	Dr. C.E. Patil , N.L. Tarwal, P.R. Jadhav P.S. Shinde, H.P. Deshmukh, M.M. Karanjkar, A.V. Moholkar, M.G. Gang, J.H. Kim, P.S. Patil	Physics	Current Applied Physics, 14:389-395	2014	ISSN: 1567-1739, E-ISSN: 1567-1739
43	Electrochromic properties of vanadium oxide thin films prepared by PSPT: Effect of substrate temperature	Dr. C. E. Patil, P. R. Jadhav, N. L. Tarwal, H. P. Deshmukh, M. M. Karanjakar, A. A. Wali and P. S. Patil	Physics	AIP Conf. Proc. 1536: 517	2013	
44	Mental Health and physical training	Mr. P. D. Jagdale, Ms. R. S. Kamble, P. Kadam	Physical Education	Golden Research Thoughts:73-75	2015	ISSN 2231-5063
45	Study of attitude of principals, professors and students of law college in Sangli city towards physical education and sports	Mr. P. D. Jagdale	Physical Education	Vision Research Review I(VII):38-41	2014	ISSN 2250-169X
46	A study of yogasana and physical training on motor ability and physiological variables of college students	Mr. P. D. Jagdale	Physical Education	Universal Research Analysis, VI(IX)	2015	ISSN 2229-4406

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47	Conservation of Biodiversity with reference to indigenous herbal therapeutic agents	Mrs. J. V. Kurhekar	Microbiology	Journal of Applied and Environmental Microbiology, 2(2):42-45	2014	ISSN (Print): 2373-6747, ISSN (Online): 2373-6712
48	High Performance Thin Layer Chromatography analysis of bioactive components from <i>Curcuma longa</i>	Mrs. J. V. Kurhekar	Microbiology	American Journal of BioScience, 3(1-1):1-6	2015	ISSN: 2330-0167
49	Prospecting of medicinal plants as human health promoting agents	Mrs. J. V. Kurhekar	Microbiology	Journal of Microbial world, 17(1): 32-38	2015	ISSN 0972-1487
50	Impact of Globalization: In Context of Indian Economy	N.V.Gaikwad S.B.Jadhav	Geography	Interlink Research Analysis, VIII(VII):46-51	2013	ISSN 0976-0377
51	Relationship between chronic obstructive pulmonary diseases and body mass index in women exposed to biomass fuel smoke	Mrs.P.M.Patil and Dr.R.G.Patil	Zoology	International Journal on Environmental Sciences, 4(1-2)	2013	ISSN 0976-4534
52	Neem, an invaluable bioresource	Mrs. J. V. Kurhekar	Microbiology	International Journal of Pharma and Biosciences, 4(4):606-612	2013	ISSN 0975-6299
53	Comparative evaluation of response of burn wound pathogens medicinal plant extracts and standard antibiotics	Mrs. J. V. Kurhekar	Microbiology	Indian Streams Research Journal, 3(7):1-3	2013	ISSN 2230-7850
54	An antimicrobial wonder plant – Aloe vera	Mrs. J. V. Kurhekar	Microbiology	Bionano Frontier, 6(3):49-51	2013	ISSN 0974-0678/ 2320-9593

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55	<i>Curcuma longa</i> and <i>Allium sativum</i> as prebiotics	Mrs. J. V. Kurhekar	Microbiology	Bionano Frontier, 6(2):327-329	2013	ISSN 0974-0678/2320-9593
56	Hindi dalit kavya men pratibimbit samajik kranti	Dr. B. D. Patil	Hindi	Indian Streams Research Journal:16-21	2014	ISSN-2230-7850
57	Remote sensing and GIS input in Geomorphological mapping-A case study for Rajnandgaon Tahasil	Dr. N. V. Gaikwad, V. S. Moon, J. M. Shivankar, Y.D. Choukade, A. P. Doad N.V.Gaikwad,	Geography	Research Nebula, I(III): 65-68	2012	ISSN 2277-8071
58	Tourism and Hotel Industry in India: Challenges and Opportunity	Dr. N.V.Gaikwad	Geography	The Konkan Geographer	2012	ISSN 2277-4858
59	Study of Periphereal blood lucocyte count in womwn suffered from, chronic obstructive pulmonary disease from rural area in sangli district (Maharashtra-India)	Mrs. P. M. Patil, R.G. Patil	Zoology	International Journal of Biological Sciences, 3(1):33-40	2012	ISSN 0976-4518
60	In vitro antibacterial activity of few medicinal plants against Escherichia coli	Mrs. J. V. Kurhekar, M. G. Bodhankar	Microbiology	Research Journal of Chemistry and Environment, 17(3):49-52	2012	ISSN 0972-0626. ISSN: 2278-4527,2278-4527
61	Aqueous alkaline chemical bath deposition of Cd1–XCoXS thin films	S.T. Mane, S.S. Kamble, S.A. Lendave, L.P. Deshmukh	Physics	Materials Letters 67:373–375	2012	ISSN 0167-577X
62	CRYSTALLOGRAPHIC AND MICROSCOPIC INVESTIGATIONS ON CHEMICALLY SYNTHESIZED MERCURY CADMIUM SULPHIDE (MCS) THIN COMPOSITE FILMS	S. A. LENDAVE, S. T. MANE, P. C. PINGALE, L. P. DESHMUKH	Physics	Digest Journal of Nanomaterials and Biostructures, 7(2):697-705	2012	ISSN: 1842-3582

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63	Role of reducing environment in the chemical growth of zinc selenide thin films	L.P. Deshmukh, P.C. Pingale, S.S. Kamble, S.A. Lendave, S.T. Mane, B.R. Pirgonde, Madhuri Sharon, M. Sharon	Physics	Materials Letters 92:308–312	2013	ISSN 0167-577X
64	Electrochemical photovoltaic studies of Cd _{1-x} CoxS thin film electrodes deposited by a liquid phase chemical deposition route	S.T. Manea, P.C. Pingale, S.A. Lendave, V.S. Karande, L.P. Deshmukh, M. Sharon	Physics	Electrochimica Acta 102:113– 119	2013	ISSN 0013-4686
65	Spray Pyrolysed Cu _{1-x} InxSe ₂ Thin Films: Prospectus in Solar Cell Applications	L. P. Deshmukh, R. V. Suryawanshi, S. T. Mane, S. A. Lendave, P. C. Pingale, S. K. Deshmukh, M. A. Barote, E. U. Masumdar, and M. Sharon	Physics	Nanoscience and Nanotechnology Letters, 5:1-6	2013	ISSN: 1941-4919, 1941-4900
66	Morphological and optical properties of Cd _{1-x} CoXS thin films by liquid phase chemical bath deposition	S. T. Manea, P. C. Pingale, V. S. Karande, and L. P. Deshmukh	Physics	Journal of Nano Research 24:1-6	2013	ISSN: 1661-9897
67	Structural, morphological and optical studies of ZnSe thin films: Growth using chemical bath	S. T. Manea, P. C. Pingale, R. V. Suryavanshi, and L. P. Deshmukh	Physics	Advances in Applied Science Research, 4(3):177-181	2013	ISSN 0976-8610
68	On the surface morphology and transport properties of chemicalbath deposited CoxCd _{1-x} S thin films: A correlation	S.T. Manea, P.C. Pingale, R.V. Suryawanshi, V.S. Karande,L.P. Deshmukh, M. Sharon	Physics	Electrochimica Acta 114:494– 499	2013	ISSN 0013-4686

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69	Photovoltaic Studies of Cd _{1-x} CoxS Based Electrochemical Cells	L. P. Deshmukh, S. T. Mane, S. A. Lendave, P.C. Pingale, R.V. Suryawanshi, and B. R. Pirgonde	Physics	J. Nepal Chem. Soc., 30:151-158	2012	ISSN 2091-0304
70	Liquid Phase Chemical Deposition of High Tech ZnSe Thin Films	P. C. Pingale, S. T. Mane, S. A. Lendave, S. Kamble, R. V. Suryawanshi, Arvind Singh, D. C. Kothari, L. P. Deshmukh and M. Sharon	Physics	J. Nepal Chem. Soc., 30:130-137	2012	ISSN 2091-0304