



SATPUDA SHIKSHAN VA GRAMIN VIKAS SANSTHA'S  
**Bapumiya Sirajoddin Patel Arts, Commerce and Science College,**  
**Kurha Road, Pimpalgaon Kale Tq. Jalgaon Jamod, DistBuldhana**  
 Minority Status Institution  
 Affiliated to Sant Gadge Baba Amravati University, Amravati  
 Accredited with "B" Grade by NAAC

### Number of Research Paper in UGC Listed/ Peer Review Journals in the Last Five Years

Title of the Paper	Name of the Authors	Department of the teacher	Name of journal	Year of Publication	ISSN/ISBN Number
In vivo effect of sprint against rot pathogens associated with cucurbitaceae member	Shaikh Farah T, Sahera Nasreen	Botany	International journal of life sciences	2019	2320-7817
Carboxin: A promising systematic agricultural fungicide.	Shaikh Farah T, Sahera Nasreen	Botany	Journal of emerging technologies and innovative research	2019	2349-5162
Synthesis and Photoluminescence Properties of $\text{Eu}^{3+}$ activated $\text{NaLi}_2\text{PO}_4$ Phosphor for SSL Application	C. B. Palan , G.V. Chavan , S. K. Omanwar	Physics	Research and Innovations in Science and Engineering	2019	2454 - 4248
Phytochemical Profile of <i>Curcuma inodora</i> Blatt. Rhizome extract	A. S. Jadhao, A. S. Bhuktar	Botany	International Journal of Life Sciences	2019	0971-1260
Phytochemical Screening of Rhizome extract of <i>Curcuma zedoaria</i> (Christm) Roscoe by HR-LCMS technique	A. S. Jadhao, A. S. Bhuktar	Botany	Think India Journal	2019	2329-7817
Bio Reduction of Industrial Waste Water Hardness by Bat Guana	C.M. Bharambe, Prajakta N. Bathe	Zoology	IJLSCI International Journal of Life Sciences)	2019	2320-964X
Impact of Bat Guana on pH of Purna Water.	C.M. Bharambe, Prajakta N. Bathe	Zoology	Elixir International Journal, Appl. Zoology	2020	2229-712X
Synthesis and Preliminary Studies of $\text{LiMgPO}_4:\text{Eu}^{3+}$ Phosphor for Solid State Lighting Application	D. D. Kothekar, C. B. Palan, S. K. Omanwar	Physics	Journal of Emerging Technologies and Innovative Research	2020	2349-5162
Bioburdan On Drinking Water	N. K. Agrawal	Microbiology	Journal of Emerging	2020	2349-5162

			Technologies and Innovative Research		
Evaluation of Antibacterial activity of <i>Cardiospermum halicacabum</i> against Clinical isolates of otitis media	N. K. Agrawal	Microbiology	Journal of Emerging Technologies and Innovative Research	2020	2349-5162
Study of binary mixture on seed germination	Noor Mohammad	Chemistry	JETIR	2020	2349-5162
Interaction between binary and ternary metal ions Cu(II), Dy(III) & Pr(III) & antibiotic drugs hydroxyl carbamide at 0.001M ionic strength by PH metrically	Noor Mohammad, N. G Asole	Chemistry	VIIRJ	2020	2319-4979
Studies of plant regulator seed germination activity of Tamoxifen & its Co(II), Cu(II) complexes on Brassica Nigra (Black Mustard)	Noor Mohammad	Chemistry	VIIRJ	2020	2319-4979
Lanthanide Metal Complexes of Urea & substituted urea	Noor Mohammad	Chemistry	VIIRJ	2020	2319-4979
Study of binary mixture on seed germination	S. A. Quazi	Chemistry	JETIR	2020	2349-5162
Interaction between binary and ternary metal ions Cu(II), Dy(III) & Pr(III) & antibiotic drugs hydroxyl carbamide at 0.001M ionic strength by PH metrically	S A Quazi	Chemistry	VIIRJ	2020	2319-4979
Studies of plant regulator seed germination activity of Tamoxifen & its Co(II), Cu(II) complexes on Brassica Nigra (Black Mustard)	S A Quazi	Chemistry	VIIRJ	2020	2319-4979
Lanthanide Metal Complexes of Urea & substituted urea	S. A Quazi	Chemistry	VIIRJ	2020	2319-4979
Interaction between binary and ternary metal ions Cu(II), Dy(III) & Pr(III) & antibiotic drugs hydroxyl carbamide at 0.001M ionic strength by PH metrically	N. G Asole	Chemistry	VIIRJ	2020	2319-4979

Study of Chromatophores of Freshwater Fishes from Amravati Local Market	P. N. Bathe	Zoology	International Journal of Innovative Science and Research Technology	2020	2456-2165
Investigation on Pollen Biology of Adhantoda Vasica Nees	P. N. Bathe	Zoology	Current Updates in Life Sciences	2020	9788192362182
Study of Diversity of Ants in And Around Achalpur Region District Amravati	P. N. Bathe	Zoology	Scholars Impact: International Multidisciplinary Multilingual Peer Reviewed Research Journal	2020	2394-7640
Investigation on Pollen Biology of Adhantoda Vasica Nees. Pp 223-240	P. N. Bathe	Zoology	Impact of Global Climate Change on Earth Ecosystem	2020	9788192362182
A Comparison of Sports Interest between Team and Individual Game Player with Relation To Their Self Confidence	B. A. Sangle	Department of Physical Education and Sports	Research nebula	2021	2277-8071
Effect of yoga Practices to control Aggression of raider and anti-raider in kabaddi	B. A. Sangle	Department of Physical Education and Sports	Research nebula	2021	2277-8071
Carboxin: A promising Systematic agricultural Fungicide.	Shaikh Farah T , Sahera Nasreen	Botany	Journal of Emerging technologies and innovative research	2021	2349-5162
Antifungal Activity of Three Aspergillus Species An Endophytic Fungi Isolated From Tridax Procumbens L.	A. S. Jadhao	Botany	Scholars Impact: International Multidisciplinary Multilingual Peer Reviewed Research Journal	2021	2394-9632

Antibacterial activity of some endophytic fungi isolated from <i>Cyprus rotundus</i> L.	A. S. Jadhao	Botany	International Journal of Applied Research	2021	394-5869
Physicochemical and Anatomical studies of <i>Curcuma inodora</i> Blatt.	A. S. Jadhao	Botany	Bioinfolet	2021	0976-4755
Antifungal Activity of <i>Trichoderma</i> spp. Against <i>Helminthosporium sativum</i> .	Shaikh Farah T, Sahera Nasreen	Botany	International journal of innovative research in science, engineering	2021	2349-6002
Antifungal Activity of Three <i>Aspergillus</i> Species An Endophytic Fungi Isolated From <i>Tridax Procumbens</i> L.	A. S. Jadhao	Botany	Scholars Impact: International Multidisciplinary Multilingual Peer Reviewed Research Journal	2021	2394-9632
Antibacterial activity of some endophytic fungi isolated from <i>Cyprus rotundus</i> L.	A. S. Jadhao	Botany	International Journal of Applied Research	2021	394-5869
Physicochemical and Anatomical studies of <i>Curcuma inodora</i> Blatt.	A. S. Jadhao	Botany	Bioinfolet	2021	0976-4755
Synthesis and Photoluminescence study of $Gd^{3+}$ doped $YPO_9$ phosphor prepared by Citric sol-gel method	A. A. Sharma, A. O Chauhan, C. B. Palan, S. K. Omanwar	Physics	International Journal of Scientific Research in Science and Technology	2021	2395-6011
Microwave-assisted combustion synthesis and luminescent properties of color-tunable $Eu^{3+}/Tb^{3+}$ co-doped $BaLaB_9O_{16}$	C. B. Palan, N. S. Bajaj, S. P. Bhagat, S. K. Omanwar	Physics	Luminescence	2021	1522-7243
Optically Stimulated Luminescence (OSL) properties of $CaF_2: Ce$ phosphor for radiation dosimetry	C.B. Palan, A.O. Chauhan, S. R. Jaiswal, S.K.Omanwar	Physics	International Journal of Scientific Research in Science and Technology	2021	2395-6011

Synthesis and Photoluminescence Properties of White Emitting CaS Phosphor doped with Sn for Solid State Lighting	D. N. Game, C. B. Palan, N. B. Ingale, S. K. Omanwar	Physics	International Journal of Scientific Research in Science and Technology	2021	2395-6011
Management in sports: Opportunities in sports Management	B. A. Sangle	Department of Physical Education and Sports	Journal of Emerging Technologies and Innovative Research	2022	2349-5162
Effect of covid-19 lock down on mental health of individual gameplayers	B. A. Sangle	Department of Physical Education and Sports	Research nebula	2022	2277-8071
Effect of covid-19lock down on mental health of individual gameplayers	B. A. Sangle	Department of Physical Education and Sports	Research nebula	2022	2277-8071
Attitude of physical education students toward mobile learning: Effect of pandemic	B. A. Sangle	Department of Physical Education and Sports	International Journal of Health, Physical Education and Computer Science in Sports	2022	2231-3265
योग शिक्षा	B. A. Sangle	Department of Physical Education and Sports	Sports publication	2022	978-93-90974-21-4
Preliminary phytochemical screening of different solvent. Extracts of some medicinal plants.	Shaikh Farah T	Botany	Journal of Emerging technologies and innovative research	2022	2349-5162
Studies on floral diversity in and Around of B. S. Patel educational Campus.	A. S. Jadhao, Shaikh Farah T	Botany	Journal of Emerging technologies and innovative research	2022	2349-5162

Studies on medicinal and Ethnomedicinal plants in and around of B. S. Patel educational campus.	A. S. Jadhao, Shaikh Farah T	Botany	Journal of Emerging technologies and innovative research	2022	2349-5162
Phytochemical evaluation of fermented fruit pulp extract of ziziphusmauritiana lam. By using hrlc-ms technique.	A. S. Jadhao , Shaikh Farah T	Botany	World journal of pharmacy and pharmaceutical sciences	2022	2349-5162
Estimation of Glucose from fresh fruits	Noor Mohammad	Chemistry	JETIR	2022	2349-5162
Study Of Water Quality Parameters Of Purna River Water In Pimpalgaon Kale Region	Noor Mohammad	Chemistry	JETIR	2022	2349-5162
Synthesis of (chalcones) derivatives and their antimicrobial studies	Noor Mohammad	Chemistry	JETIR	2022	2349-5162
Potentiometric Determination of Stability Constant of transition metal complexes with primary ligand and secondary ligand	Noor Mohammad	Chemistry	JETIR	2022	2349-5162
To Study The Presence Of Insecticides and Pesticides In Various Types Of Fruits And Vegetables In Tq-Jalgaon Jamod	Noor Mohammad	Chemistry	JETIR	2022	2349-5162
Separation of Casein from Buffalo Milk	Noor Mohammad	Chemistry	JETIR	2022	2349-5162
Ionic liquid mediated synthesis of 5-arylidine-2,4-thiazolidinedionesand antibacterial evaluation	Noor Mohammad	Chemistry	International Journal of Research in Engineering and Science	2022	2320-9364
Per formic acid: Effective reagent for preparation of Carenediol from $\Delta^3$ -Carene	Noor Mohammad	Chemistry	Aayushi International Interdisciplinary Research Journal	2022	2349-638x

Study of seed germination activity of 4-(n-octyloxy) benzoic acid and its Cr (iii) and Cu (iii) complexes on brassica nigra l. (black mustard)	Noor Mohammad, N. G. Asole	Chemistry	International Journal of Advance and Innovative Research	2022	
Synthesis of Tungstated Zirconia with Solid Acid Catalyst	N. G. Asole	Chemistry	JETIR	2022	2349-5162
Synthesis of (Chalcones)derivatives and their antimicrobial activity	N. G. Asole, Noor Mohammad	Chemistry	JETIR	2022	2349-5162
Ichthyofaunal Diversity of Lanjud Reservoir near Khamgaon in Buldana District	P. N. Bathe	Zoology	International Journal of Creative Research Thoughts	2022	2320-2882
Phylogenetic Analysis of Vertebrate Lysozyme	P.N. Bathe	Zoology	International Journal of Emerging Technologies and Innovative Research	2022	2349-5162
Study of Diversity of Millipede Fauna (Arthropod: Diplopod) in Achalpur Region (M.S.) India	P.N. Bathe	Zoology	International Journal of Emerging Technologies and Innovative Research	2022	2349-5162
Socio-Economic Status of Fishermen Dependent on The Lanjud Reservoir, Near Khamgaon Buldhana (MH)	P.N. Bathe	Zoology	Vidyabharati International Interdisciplinary Research Journal	2022	2319-4979
Synthesis and Photoluminescence study of LaF3:Gd3+ phosphors for Phototherapy Application	A. O. Chauhan, C. B. Palan, N. S. Sawala, S. K. Omanwar	Physics	Journal of Emerging Technologies and Innovative Research	2022	2349-5162

Optically Stimulated Luminescence (OSL) Properties of $\text{LiMgPO}_4:\text{Tb}^{3+}$ , Al Phosphor for Radiation Dosimetry	C. B. Palan, N.S. Bajaj, S.K. Omanwar	Physics	International Journal of Scientific Research in Science and Technology	2022	2395-6011
Photoluminescence (PL) properties of $\text{NaLi}_2\text{PO}_4:\text{Eu}^{3+}$ phosphor for solid state lighting application	C. B. Palan, N. S. Bajaj, S. K. Omanwar, V.R. Panse, A.Dixit, K. Khanna	Physics	YMER	2022	0044-0477
Synthesis and luminescence properties of $\text{MSO}_4:\text{Eu}$ (M=Ca, Ba) phosphors for radiation dosimetry	C. B. Palan, A. O. Chauhan, N.S. Sawala, S. K. Omanwar	Physics	Journal of Emerging Technologies and Innovative Research	2022	2349-5162
Synthesis and Photoluminescence properties of White Emitting $\text{LiSrPO}_4$ Phosphor doped with $\text{Dy}^{3+}$ for Solid State Lighting	D.N.Game, C. B. Palan, N.B.Ingale, S.K.Omanwar	Physics	Journal of Emerging Technologies and Innovative Research	2022	2349-5162
Synthesis and Photoluminescence properties of $\text{Eu}^{3+}$ ions doped $\text{LiBaPO}_4$ phosphor	N. S. Sawala, S. R. Jaiswal, A. O. Chauhan, C. B. Palan, S. K. Omanwar	Physics	Journal of Emerging Technologies and Innovative Research	2022	2349-5162
Chapter 16 - An introduction to radio-photoluminescence and scintillation for dosimetric applications	N. S. Bajaj , C. B. Palan , Vibha Chopra , S. J. Dhoble	Physics	Radiation Dosimetry Phosphors	2022	978-0-323-85471-9
Understanding OSL radiation dosimetry and its application	N. S. Bajaj , C. B. Palan	Physics	Radiation Dosimetry Phosphors	2022	978-0-323-85471-9
A current status on salmonellosis	N.K Agrawal.	Microbiology	IJNRD	2022	2456-4184
Antibiotic Resistance and MAR indexing of E.coli	N.K Agrawal.	Microbiology	JETIR	2022	2349-5162
Antibacterial activity of Ajowan Essential Oil against Methicillin Resistant Staphylococcus aureus (MRSA) isolated from pus samples in local hospital in Amravat	N.K Agrawal.	Microbiology	JETIR	2022	2349-5162



Synthesis and characterization of Some cr (iii), fe (iii) and co (ii) Complexes of asymmetrical Tetradentate schiff base	M. P. Jambhale	Physics	Journal of Emerging Technologies and Innovative Research	2022	2349-5162
Study of omeprazole and Sesquihydrate by powder x-ray Diffraction	M. P. Jambhale	Physics	Journal of Emerging Technologies and Innovative Research	2022	2349-5162
Weeds: A Treasure House of Bioactive Compounds.	Shaikh Farah T	Botany	Journal of Emerging technologies and innovative research	2023	2349-5162
Role of Actinomycetes in Bioremediation.	Shaikh Farah T	Botany	Bioinfolet	2023	0976-4755
Comparative Leaf Anatomy in Some Species of <i>Physalis</i> L.,	A.S. Jadhao	Botany	Bioinfolete	2023	0976-4755
FK 506 INDUCED Changes of Certain Key Enzymatic Activities Involved in Carbohydrate Metabolism in the Tissues of Albino Rats	Noor Mohammad	Chemistry	JMCDD	2023	2347-9027
Pharmacological Evaluation of Two Species of <i>Corchorus</i> , <i>Olitorius</i> and <i>C. Fascicularies</i>	Noor Mohammad	Chemistry	JMCDD	2023	2347-9027
Incidence of Methicillin Resistant <i>Staphylococcus aureus</i> (MRSA) from Pus Samples	N.K. Agrawal	Microbiology	Conf. Proceeding	2023	
Potential of Essential oil <i>Trachyspermum ammi</i> (Ajowan), its Antibacterial activity and Chemical constituents	N.K. Agrawal	Microbiology	Conf. Proceeding	2023	
Avifaunal Diversity at And Around Lanjud Dam of Buldhana District, Maharashtra	P. N. Bathe	Zoology	International Journal of Life Sciences	2023	2320-7817(p) 2320-964X(0)

Seasonal Zooplankton Diversity Aspects of Lower Dyanganga Dam, Near Khamgaon	P. N. Bathe	Zoology	International Journal of Life Sciences	2023	2320-7817(p) 2320-964X(0)
Five Dimensional Cosmological Model with Perfect Fluid in Barber's Second Self Creation Theory of Gravitation	M. D. Netnaskar, K. N. Pawar, N. T. Katre, S. T. Rathod	Mathematics	YMER	2023	0044-0477
n - Dimensional Cosmological Model with Perfect Fluid in Barber's Second Self Creation Theory	M. D. Netnaskar, K. N. Pawar, N. T. Katre	Mathematics	IJRAR	2023	2348-1269
Minimally interacting two fluid cosmological model in the framework of scalecovariant theory.	M. D. Netnaskar, K. N. Pawar, N. T. Katre	Mathematics	IJSRA	2023	2582-8185
A review on the characterization, synthesis of ZnO nanoparticles and their application	M. P. Jambhale, C. B. Palan	Physics	Journal of Emerging Technologies and Innovative Research	2023	2349-5162
Synthesis and Characterization of Capped ZnO Nanoparticles with Zinc acetate as a source	M. P. Jambhale, C. B. Palan	Physics	Journal of Emerging Technologies and Innovative Research	2023	2349-5162
A review on the characterization, synthesis of ZnO nanoparticles and their application	M. P. Jambhale	Physics	Journal of Emerging Technologies and Innovative Research	2023	2349-5162
Synthesis and Characterization of Capped ZnO Nanoparticles with Zinc acetate as a source	M. P. Jambhale	Physics	Journal of Emerging Technologies and Innovative Research	2023	2349-5162
Key Benefits And Opportunities in Sports Management For Students	B. A. Sangle	Department of Physical Education and Sports	Research Nebula	2023	2277 - 8071

शरीरीक्षिका का इतिहास	B. A. Sangle	Department of Physical Education and Sports	Nipun Prakashan.	2023	978-93-92169-18-
स्वच्छता के बेहतर परिणाम और परीवर्तन में महिलाओं की भूमिका	B. A. Sangle	Department of Physical Education and Sports	International Journal of Advance and Applied Research	2023	No.2347-7075
योगाभ्यास और स्वास्थ्य	B. A. Sangle	Department of Physical Education and Sports	Swadeshi Research Foundation A Monthly Journal of Multidisciplinary Research	2023	2394-3580,
Phytochemical Analysis of <i>Cynodon Dactylon</i> L. and <i>Ageratum Conyzoides</i> L. Plant Extracts Using Different Solvents.	Shaikh Farah T , S. A. Quazi	Botany	Global Online Electronic International Interdisciplinary Research Journal	2023	2278-5639
Preliminary Phytochemical Studies of <i>Cesalpinia crista</i> L.	N. G. Asole	Botany	Conference proceeding	2023	978-81-19931-25-5
Comparative Leaf Anatomy in Some Species of <i>Physalis</i> L.,	A. S. Jadhao	Botany	Bioinfolet	2023	0976-4755
Preliminary Phytochemical Studies of <i>Cesalpinia crista</i> L.	N. G. Asole	Botany	Conference proceeding	2023	978-81-19931-25-5
Studies of some medicinal plant used by tribal from satpuda range Jalgaon jamod Dist. Buldhana	D. R. Sirsat, S. P. Rothe	Botany	International Journal of Emerging Technologies and Innovative Research	2023	
Preliminary phytochemical screening of secondary metabolites in leaves of <i>Schleichera oleosa</i> (Lour) Oken	D. R. Sirsat, S. P. Rothe	Botany	Conference proceeding	2023	978-81-19931-25-5

Studies of Relative and Specific Viscosities of Tazobactam 70% Dioxane Water Mixture at Different Temperature	Noor Mohammad	Chemistry	AJANTA	2023	2277-5330
Preliminary Phytochemical Studies of Caesalpinia Crista L	N. G. Asole	Chemistry	Conference Proceedings UGC Sponsored National Conference	2023	: 978-81-19931-25-5
Preliminary Study of Dipteran Flies of Buldhana District in Maharashtra	P. N. Bathe	Zoology	Recent Advancements in Science and Technology	2024	978-81-19931-25-5
Tsallis Holographic Dark Energy in Kaluza Klein Universe	M. D. Netnaskar, V. D. Bokey	Mathematics	Proceeding National Conference on Recent Advancements in Science & Technology	2024	978-81-19931-25-5
Synthesis and luminescence properties of ce doped LiCaPO <sub>4</sub> phosphor For radiation dosimetry	C. B. Palan, H.K. Bodade, V.P.Mangle S. K. Omanwar	Physics	International Journal of Advance and Innovative Research	2024	2394 – 7780