



CHANGU KANA THAKUR

Arts, Commerce and Science College, New Panvel (Autonomous)

Re-accredited 'A+' Grade by NAAC (3rd Cycle-CGPA 3.61)

'College with Potential for Excellence' Status Awarded by University Grants Commission

'Best College Award' by University of Mumbai

Academic Year 2020-21

List of Research Papers

Name of the Author(s)	Department of the Author (s)	Title of the Paper	Name of the Journal	Month and Year of publication	ISSN	DOI	Journal website
Varsha Ahuja, Vasant Barhate, and Ritika Makhijani	Chemistry	Conventional and Green Synthesis, Characterization and Antimicrobial potency of Complex of Cu (II) with [2-((Z) (4-hydroxy-3-methoxy-5-((E)-thiazol-5-ylidiazenyl) benzenylidene)amino)benzoic acid] (MThBABA)	Journal of Scientific Research	March 2021	0447-9483	DOI: 10.37398/JSR.2021.650229	https://www.bhu.ac.in/research_publication/jsr/



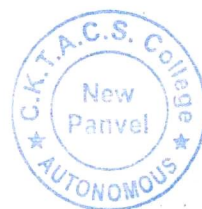
Name of the Author(s)	Department of the Author (s)	Title of the Paper	Name of the Journal	Month and Year of publication	ISSN	DOI	Journal website
Ritika Makhijani Vasant Barhate, and Varsha Ahuja	Chemistry	Conventional and Microwave Synthesis, Characterization and Study of Microbiological Activity of Complexes of Ni (II) with [2-((Z)-(4-hydroxy-3-methoxy-5-((E)-thiazol-5-ylidiazanyl)benzenylidene)amino)benzoic acid] (MThBABA)	Journal of Scientific Research	March 2021	0447-9483	DOI: 10.37398/JSR. 2021.650228	https://www.bhu.ac.in/research_publication/jsr/
Borgave Seema, Barhate Vasant, Madan Parineeta	Chemistry	Microwave and Conventional Synthesis of Palladium (II) Complex with, 2-(5-Bromo-2-oxindolin-3-ylidene) hydrazine-1-carbothioamide, Characterization and Study of Microbiological Activity	Research Journal of Chemistry and Environment	March-2021	0972-0626	--	https://worldresearchersassociations.com/chemistry_home.aspx
Makhijani Ritika, Navale Dinesh and Barhate Vasant	Chemistry	Role of [N – (O-HydroxyBenzylidene) Pyridine -2-Amine] (NOHBPA) in Extractive Spectrophotometric Determination of Nickel (II)	Research Journal of Chemistry and Environment	April 2021	0972-0626	--	https://worldresearchersassociations.com/chemistry_home.aspx



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J.G. Pargaonkar, S.K. Patil, S.N. Vajekar, A.B. Patil	Chemistry	Application of Fe ₃ O ₄ as a magnetic nanocatalyst in the synthesis of photochromic spironaphthoxazines	Research Journal of Chemistry and Environment	June 2020	0972-0626	--	https://worldresearchersassociations.com/chemistry/home.aspx
Mane C.B., Pawar R.P., Tapase A.S., More H.S., Jadhav B.V. and Patil R.P.	Chemistry	Gas Sensing Application of Ceria, Cassiterite and Ceria-Cassiterite Nanocomposite	Research Journal of Chemistry and Environment	April 2021	0972-0626		https://worldresearchersassociations.com/chemistry/home.aspx
Patil Vishvanath D., Gharat Vaishnav D. and Salve Amruta M.	Chemistry	Green Ecofriendly synthesis of Glycoluril derivatives via Cyclocondensation of Benzil and urea/thiourea	Research Journal of Chemistry and Environment	May 2021	0972-0626		https://worldresearchersassociations.com/chemistry/home.aspx
Mrunal Khambekar, Anuja Kumathekar, Jyotsna Thakur	Chemistry & Biotechnology	Phytochemical Screening and Comparative Assessment of Anti-Oxidant, Amylase and Anticoagulant Activity of Different Parts of Colocasia Esculenta (L.) Schott	Journal of Advanced Scientific Research	July 2020	0976-9595		https://sciensage.info/current_issue_publish.php?p=658



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Shinde Gayatree Maheshwari Zirpe, Thakur Jyotsna	Chemistry	A green approach to the Rapid Synthesis of 2-Phenyl Benzoxazole and its derivatives using Magnetically Separable Ag@ Fe ₂ O ₃ Core-Shell Nanoparticles	Research Journal of Chemistry and Environment	January 2021	0972-0626		https://worldresearchersassociations.com/chemistry/home.aspx
Maheshwari Zirpe, Thakur Jyotsna	Chemistry	Enhanced Photocatalytic Degradation of Methylene blue dye using ag-Fe ₂ O ₃ core-shell nanoparticles	Research Journal of Chemistry and Environment	February 2021	0972-0626		https://worldresearchersassociations.com/chemistry/home.aspx
Jitendra M. Pawara, Sunil S. Patil	Chemistry	An Innovative Method Designed for the Synthesis of Some New Mixed Ligand Ni(II) Complexes Its Characterization and Applications	World Journal of Chemical Education	June 2021	2375-1665	DOI: 10.12691/wjce-9-2-3	http://www.sciepub.com/WJCE/abstract/13360
Vishal S. Kamble, Netaji K. Desai, Suresh T. Salunkhe	Chemistry	Fabrication of ZnO nanostructured sensor by co-precipitation technique for NO ₂ gas detection	International Journal of Grid and Distributed Computing	August 2020	2005-4262		http://sersc.org/journals/index.php/IJGDC/article/view/31128



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V. S. Kamble, Y. H. Navale, V. B. Patil, N. K. Desai, and S. T. Salunkhe	Chemistry	Enhanced NO ₂ gas sensing performance of Ni-doped ZnO nanostructures	Journal of Materials Science- Materials in Electronics	January 2020	ISSN 0957-4522 e-ISSN 1573-482X	https://doi.org/10.1007/s10854-020-04987-z	https://www.springerprofessional.de/en/journal-of-materials-science-materials-in-electronics/3535054
S.D. Kendre and S.I. Unhale	Mathematics	On existence, uniqueness and Ulam's stability results for boundary value problems of fractional iterative integrodifferential equations	Journal of Applied Mathematics and Computing (JAMC)	2020	ISSN (P) 1598-5865. e-ISSN 1865-2085	https://doi.org/10.1007/s12190-020-01366-z	https://www.springer.com/journal/12190
S.I. Unhale and S.D. Kendre	Mathematics	On existence and uniqueness results for iterative mixed integrodifferential equation of fractional order	Journal of Applied Analysis	October, 2020	ISSN 1425-6908 · e-ISSN 1869-6082	https://doi.org/10.1515/jaa-2020-2023	https://www.degruyter.com/journal/key/jaa/html?lang=en
Dr.D.S. Narkhede, and Dr. A.K. Dixit	Geography and Business Economics	A Study of Impact of Lockdown Period on Women in Maharashtra State	Akshar Wangmay' UGC Care Listed, International Research Journal, Special Issue-I Vol.-V	January., 2021	2229-4929	---	---



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Dr.D.S. Narkhede, and Dr. A.K. Dixit	Geography and Business Economics	A Study of Impact of Online Education on Students and Parents in Maharashtra State	AksharWang may'	January., 2021	2229-4929	---	---
Dr. R.O. Parmar	Geography	Study of Pandemic COVID-19 Cases and Deaths in the World	AksharWang may'	December, 2020	2229-4929	---	---
Dr. R.O. Parmar	Geography	Study of Pandemic COVID-19 Cases and its Impact on Higher Education in India	AksharWang may'	January., 2021	2229-4929	---	---



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