



Janardan Bhagat Shikshan Prasarak Sansthas

**CHANGU KANA THAKUR**

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

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

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

'Best College Award' by University of Mumbai

**Academic Year 2021-22**

**List of research papers in CARE Journals notified on UGC website**

Sr. No.	Name of the Author(s)	Department of the Author(s)	Title of the Paper	Name of the Journal	Month and Year of publication
01	H. Thabet, S. Kendre, <b>S. Unhale</b>	Mathematics	Numerical analysis of iterative fractional partial integro-differential equations	Hindawi, journal of mathematics	May-22
02	<b>V.S. Kamble</b> , Y.H. Navale, V.B. Patil, N.K. Desai, <b>S.N. Vajekar</b> and S.T. Salunkhe	Chemistry	Studies on structural spectral and morphological properties of co-precipitation derived co-doped ZnO Nanocapsules for NO <sub>2</sub> sensing applications	Journal of Materials Science: Materials in Electronics	Sep-21
03	G. Shinde, <b>J. Thakur</b>	Chemistry	Magnetically Recyclable Ag@Fe <sub>2</sub> O <sub>3</sub> Core-shell Nanostructured Catalyst for One-pot Synthesis of 2-Aryl Benzimidazole and Benzothiazole	Current Organocatalysis	May-22
04	A.S. Chavan, <b>B. V. Jadhav</b> , M.R. Kadam, A.V. Mali, C. Mane, R. P. Patil	Chemistry	Photodegradation of Dye Pollutants on Nanocrystalline Co Doped Li <sub>0.5</sub> Fe <sub>2.5</sub> O <sub>4</sub> under UV-Visible Light Irradiation	Macromolecular symposia	Dec-21
05	Birmule P.R, Chavan A.S., <b>Jadhav B.V.</b> , Burungale A.S., Helavi-Reddy V.B., and Patil R.P.	Chemistry	Effect of Nickel Substitution on Structural and Magnetic Properties of Novel Polyol route Synthesized Cobalt Ferrite	Research Journal of Chemistry and Environment	Aug-21

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06	Shaikh S.F., <b>Jadhav B.V.</b> , Patil R.P., and Patil J.S.	Chemistry	Study of Application of $Zn_{0.5}Mn_{0.5}Fe_2O_4$ NPs Prepared via Sol-gel Method for Dyestuff Industry in Waste water Purification	Research journal of Chemistry and Environment	Jun-21
07	Ranade P.B., Navale D.N., Zote S.W. and <b>Patil D. K.</b>	Chemistry	Synthesis of substituted benzolel[1,3] oxazino analogues	Indian Journal of Chemistry	March-22
08	<b>J.M. Pawara, S.S. Patil</b>	Chemistry	Synthesis of NiO Nanoparticles by thermal Decomposition at Low- Temperature of New AQUA (2-AMINO-6-Methyl Pyrimidine-4-OL and Isoleucine) Ni(ii) Complex and Its Antimicrobial Study	Journal of Advanced Scientific Research	Aug-21
09	Vibhute Baliram T, <b>Patil Sanjay K &amp; Patil Arvind M</b>	Chemistry	Synthesis, Spectral Characterization and Antitubercular Study of Novel Quinoline Schiff Base and Its Metal Complexes	Analytical Chemistry Letters	July-21
10	<b>S.K. Patil</b> , B.T. Vibhute	Chemistry	Synthesis, characterization, anticancer and DNA photocleavage study of novel quinoline Schiff base and its metal complexes	Arabian Journal of Chemistry	June-21
11	B.T. Vibute, <b>B.D. Aghav</b> , B.P. More, R.O. Bellamkonda and <b>S.K.Patil</b>	Chemistry	Antimicrobial, Cytotoxicity and Molecular Docking Study of New Quinoline Schiff Base and its Metal(ii) Complex	Asian Journal of Chemistry	Feb-22
12	<b>S. Patil</b> , B. Langi, M. Gurav and <b>D. Patil</b>	Chemistry	Studies of mixed ligand Lanthanum complexes: Synthesis, spectral Interpretations and Antibacterial study	Journal of Pharmaceuti cal Research international	Jul-21
13	<b>J. M. Pawara,</b> <b>S. S. Patil</b>	Chemistry	Microwave-Assisted Synthesis of Some New Mixed Ligand Ni(ii) Complexes Its Characterization and Its Antimicrobial Study	Journal of Pharmaceuti cal Research international	Jun-21



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14	<b>B.D. Aghav, S.A. Shaikh, and K.N. Vidhate</b>	Chemistry	A Green And Efficient One-Pot Synthesis of Polyhydroquinoline Derivatives Catalyzed By Ammonium Chloride Under Aqueous Media	Vidyabharti International Interdisciplinary Research Journal(Special Issue)	Aug-21
15	<b>R. V. Yeole, Y.C. Patil</b>	English	Challenges of the teaching and learning through online mode during covid-19	Journal of Education	Mar-22
16	<b>B.S. Patil</b>	Economics	Implications of Contractual Appointment of Employees Appointed Under the RBSK School Health Programme in Raigad District	Journal of Education	Mar-22
17	<b>R.O. Parmar</b>	Geography	Study of Forest Cover and Forest Change in India: A Geographical Perspective	Akshar Wangmay'	Jul-21
18	<b>J. U Panda and E. Mathews</b>	Commerce	Effect of working from home on employees, due to Covid-19, with reference to selected digital media marketing agencies	Shodhsamhita	Jan-22
19	<b>T.M. Joshi E. Mathews</b>	Commerce	Awareness and Utilization of digital wallets among residents of Navi Mumbai	Shodhsamhita	Jan-22
20	<b>E. Mathews</b>	Commerce	Study of New Normal and Financial Stability of Faculty in Higher Education Institutions during covid as pandemic situation: challenges and opportunities	Asian Journal of Organic and Medicinal Chemistry	Jan-22
21	<b>J.S. Kamala and E. Mathews</b>	Commerce	An empirical study on banking and customer experience during covid-19 in Navi Mumbai region	NIU International journal of human rights	May-2022
22	<b>S. M. Kedare and E. Mathews</b>	Commerce	Passengers' perception towards services provided by Mumbai suburban railways- with special reference to central lines	Shodhsamhita	Jan-22

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23	S.P. Satyapal and S.B. Yadav	Commerce	An Analysis of the right mix of the Learning Modes & I.C.T. Tools to enrich the Learning Experience of the students in Higher Education.	Shodhsamhita	Jan-22
24	A.K. Dixit	Business Economics	A Socio-economic Study of Tribals in Raigad District	Journal of Education	Apr-22
25	Reema. E.K	Department of Management Studies	A Study on the Role of Social Media in Mushrooming of Home Entrepreneurs	Shodhsamhita	Nov-21
26	B.M. Bhoir	Department of Management Studies	A review on using plastic Brick made from plastic waste with reference to Navi Mumbai Region	Shodhsamhita	Jan-22
27	N.P. Tidar	Microbiology	A study on detection of Adulteration in Milk sample collected from various regions of Panvel and its awareness among the residents	Akshar Wangmay International Research Journal	Jul-21
28	S.S. Kokitkar	Biotechnology	Isolation and identification of bacteria with cellulose-degrading potential from soil and optimization of cellulase production	Journal of Applied Biology & Biotechnology	Nov-21
29	N.S. Pophale	Information Technology	Transpose In Digital Marketing During COVID-19 Pandemic Situation.	The Journal of Oriental Research Madras	Sep-21
30	R.A. Navghare and Y. Parekh	Library	Design and Development of Institutional Digital Repository with Dspace	Journal of Modern Thamizh Research	Sep-21



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