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RE-ACCREDITED BY NAAC
3rd Cycle
A-GRADE



JAI HIND COLLEGE

BASANTSING INSTITUTE OF SCIENCE &
J. T. LALVANI COLLEGE OF COMMERCE
AND SHEILA GOPAL RAHEJA
COLLEGE OF MANAGEMENT

AUTONOMOUS

23 - 24, BACKBAY RECLAMATION,
"A" ROAD, CHURCHGATE,
MUMBAI - 400 020.

Ref. - JH /

CRITERION 3

Key Indicator – 3.4 (Research Publications and Awards)

3.4.3.1 Number of research papers in the journals notified on UGC CARE list during the last 5 years

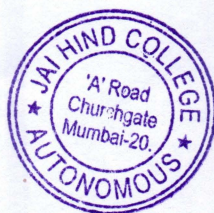
Table 2

Sr No	Title of Paper	Authors	Name of Journal	ISSN no	Year of publication	UGC CARE list (Y/N)	Scopus/WOS	Link to paper
1.	Untangling the effect of π -conjugation length on the optoelectronic properties of reactive dye-based sensitizer	Anshul Yadav, Shreyas Dindorkar, V. Patel	Journal of Computational Electronics	1569-8025	2023	Y	Scopus	LINK_01
2.	Exciplex forming a Phenyl-Spaced Phenoxazine D-A Cohost for a Highly Efficient Red-Phosphorescent Organic Light-Emitting Diode	Gokul Ganesan, P. Balasubramanian, J. Lade, K.-H. Wang, K.-W. Chen, A.C. Chaskar, C.-H. Chang	ACS Applied Optical Materials	2771-9855	2023	Y	Scopus	LINK_02



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3.	An efficient one-pot multicomponent, Amberlite IR120(H) catalyzed microwave-assisted synthesis of 1,2,4,5-tetrasubstituted-1H-imidazoles: Plausible mechanism and antibacterial evaluation	S.S.Gurav, S.R Jadhav, S.N. Mali, O.A.Lotlikar, K.T. Waghmode	Synthetic Communications	397-911	2023	Y	Scopus	LINK_03
4.	In-silico analysis of bufadienolides as potential inhibitors of Trypanosoma nucleoside hydrolase	S.R Sawant. Shreyas Dindorkar, H.S. Patkar, P.P. Nyayadhish, A.D. Bagwe, A. Yadav, B.B. Sharma	Chemical Physics Impact	2667-0224	2023	Y	Scopus	LINK_04
5.	Magical moir'e patterns in twisted bilayer graphene: A review on recent advances in graphene twistrionics	Shreyas S. Dindorkar, Ajinkya S. Kurade, Aksh Hina Shaikh	Chemical Physics Impact	2667-0224	2023	Y	Scopus	LINK_05
6.	Selective oxidation of vinylbenzenes & acyloins in the presence of silver catalyst using molecular oxygen as terminal oxidant	Sachin Pardeshi, B Pownthurai, Gokul Ganesan, Hemant Keshari, Yogesh Jadhav, Atul Chaskar	Tetrahedron Letters	0040-4039	2023	Y	Scopus	LINK_06



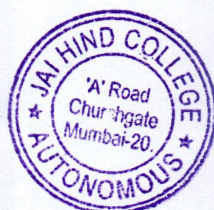
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7.	Comparative study on adsorption behaviour of the monolayer graphene, boron nitride and silicon carbide heterosheets towards carbon monoxide: Insights from first-principle studies	Shreyas S. Dindorkar, Anshul Yadav	Computational and Theoretical Chemistry	2210-271X	2023	Y	Scopus	LINK_07
8.	Adsorption behaviour of graphene, boron nitride and boron carbon nitride nanosheets towards pharmaceutical and personal care products	Shreyas S. Dindorkar, Raj Vardhan Patel, Anshul Yadav	Computational and Theoretical Chemistry	2210-271X	2023	Y	Scopus	LINK_08
9.	Performance of 1D tin (Sn) decorated spherical shape ZnO nanostructures as an acetone gas sensor for room and high temperature	Jolina Rodrigues, Shilpa Jain, Navin chandra G Shimpi	Materials Science and Engineering: B	0921-5107	2023	Y	Scopus	LINK_09
10.	A Brief review on Carcinogenic Potential of Nitrosamine impurities in Pharmaceuticals	B.K.N.SINGH	European Chemical Bulletin	2063-53	2023	Y	Scopus	LINK_10
11.	Synthesis of chromanones and flavones leading to the synthesis of new indazole derivatives and evaluating its biological activity	B.K.N.SINGH	European Chemical Bulletin	2063-53	2023	Y	Scopus	LINK_11



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12.	Enhanced acetaldehyde sensing performance of spherical shaped copper doped ZnO nanostructures	Jolina Rodrigues, Vikas Borge, Shilpa Jain, Navinchandra Gopal Shimpi	Chemistry Select	2365-6549	2023	Y	Scopus	LINK_12
13.	Exploring the Role of Language and Literature in the Road to India's Sustainable Development	Deepna Rao	Utkal Historical Research Journal, Vol.-36, No.1(I) 2023	0976-2132	2023	Y	-	LINK_13
14.	Exploring Issues of Gender, Identity and Human Rights in Mahesh Dattani's Play Seven Steps Around the Fire	Radhika Rajwani	Eastern Journal of Language and Culture Inclusivity : A Gift and Responsibility to Humanity	0974-7567	2023	Y	-	LINK_14
15.	Why I Still Teach Mark Twain in the Twenty-first-Century Indian Classroom	Seema Sharma,	The Mark Twain annual, Vol. 21, 2023	1553-0981	2023	Y	-	LINK_15
16.	An analysis of human sexual behaviour in vatsyayana's kamasutra	SIMMIN BAWA	Rabindra bharati journal of philosophy	0973-0087	2023	Y	-	LINK_16
17.	Financial freedom and women in kamasutra	SIMMIN BAWA	Madhya Bharti - Humanities and Social Sciences	0974-0066	2023	Y	-	LINK_17



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18.	The Paradigm Shift: Growth, Transformation and Competitiveness in Business Management and Society on "corporate Social Responsibility in India: Evolution, Issues & Challenges"	Ms. Afreen Mazgaonkar and Mr. Ravi Singhv	Shodh Prabha	0974-8496	2023	Y	-	LINK_18
19.	Vacancy defects in monolayer boron carbon nitride for enhanced adsorption of paraben compounds from aqueous stream: A quantum chemical study	A.Yadav, S.S. Dindorkar	Surface Science	0039-6028	2022	Y	Scopus	LINK_19
20.	Adsorption of trivalent and pentavalent arsenic ions from the aqueous stream using natural Bombax ceiba fibers: Insights from density functional theory calculations	S.S. Dindorkar, V. Kumar, R.V. Patel	Total Environment Research Themes	2950-3957	2022	Y	Scopus	LINK_20
21.	Computational analysis of substituent effect on indole derivatives as potential antibacterial agents	S. Bince, S.S. Dindorkar, A. Yadav	Chemical Physics Impact	2667-0224	2022	Y	Scopus	LINK_21



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22.	Simultaneous adsorption of methylene blue and arsenic on graphene, boron nitride and boron carbon nitride nanosheets: Insights from molecular simulations	A.Yadav, S.S Dindorkar, S.B Ramiseti, N. Sinha	Journal of Water Process Engineering	2214-7144	2022	Y	Scopus	LINK_22
23.	User's Experiences of a Web-based Suicide Prevention Program for College Students: A mixed methods approach	Freyana Shinde, Rekha Wagani and Kalyan Sasidhar	Brill: Perspectives of Global Development and Technology	1569-1500	2022	Y	Scopus	LINK_23
24.	Extraction of Plasmid from Low-density Polyethylene degrading Bacterium and its Transformation into E. coli DH5α	N K Kotwal, R.B. Vaidya	Jour Pl Sci Res	0970-2539	2022	Y	-	LINK_24
25.	Alpha Zero Vs Stockfish - A Review of Chess Engines	Ms. Fatima Shaikh	Conference on futuristic computing trends and challenges	2349-5162	2022	Y	-	LINK_25
26.	Review on Plant Protease Inhibitors as Therapeutic Molecules	Godbole S A and Kharat S K	Jour Pl Sci Res	0970-2539	2022	Y	-	LINK_26
27.	Larvicidal Activity and Chemical Characterization of Essential Oil Obtained from Callistemon citrinus	Chachad, Devangi P; Manoshree, Mondal; Analise, Dias; Kajal, Uniyal;	The Journal of Plant Science Research	0970-2539	2022	Y	-	LINK_27



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28.	Phytochemical and Comparative assessments of Bark and Root Extracts of <i>Ixora barbata</i> Roxb.ex.sm. and <i>Ixora coccinea</i> L. using High Performance Thin Layer Chromatography Assay	Ghoshal D S ; Kharat S K ; and Godbole S A	Indian Pharm Sci	J 0250-474X	2022	Y	Scopus	LINK_28
29.	Coffee Consumption, its Impact and Psychotropic Effects among Young Adults	Shamsi, Tehreem, Shrivastav, Riya A1, Sulaimani, Nishat J1, Vengurlekar, Mugdha B1 Yadav, Anita K1, Yadav, Anmol B1 and Silveira, Candida I	International Journal of Food and Nutritional Sciences	2319-1775	2022	Y	-	LINK_29
30.	ZnO Nanostructure Based Gas Sensors: Critical Review Based on their Synthesis and Morphology Towards Various Oxidizing and Reducing Gases	Tarannum shaikh, Shilpa Jain	Current Nanomaterials, Vol 8	24054623	2022	Y	Scopus	LINK_30
31.	Quantum chemical study of the defect laden monolayer boron nitride nanosheets for adsorption of pesticides from wastewater	Shreyas S. Dindorkar, Raj Vardhan Patel, Anshul Yadav	Colloids and Surfaces A: Physicochemical and Engineering Aspects	0927-7757	2022	Y	Scopus	LINK_31



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32.	Electrical, Optical, and Structural Stability Over Ten Years for Sb Based III-V Semiconducting Bulk Grown by VDS	Anshul Gupta, Manisha Deshpande, Dilip Maske and D B Gadkari	ECS Transactions	1938-6737	2022	Y	Scopus	LINK_32
33.	Unravelling the interaction between boron nitride nanosheets and organic pesticides through density functional theory studies	Shreyas S. Dindorkar , Raj Vardhan Patel , Anshul Yadav	Colloids and Surfaces A: Physicochemical and Engineering Aspects	0927-7757	2022	Y	Scopus	LINK_33
34.	Adsorptive removal of methylene blue dye from aqueous streams using photocatalytic CuBTC/ZnO chitosan composites	Shreyas S. Dindorkar , Raj Vardhan Patel , Anshul Yadav	Water Science & Technology	0273-1223	2022	Y	Scopus	LINK_34
35.	Monolayered Silicon Carbide for Sensing Toxic Gases: a Comprehensive Study Based on the First-principle Density Functional Theory	Shreyas S. Dindorkar , Anshul Yadav	Silicon	1876-9918	2022	Y	Wos	LINK_35
36.	Comparative study on adsorption behaviour of the monolayer graphene, boron nitride and silicon carbide heterosheets towards carbon monoxide: Insights from first-principle studies	Shreyas S. Dindorkar , Anshul Yadav	Computational and Theoretical Chemistry	2210-271X	2022	Y	Scopus	LINK_36



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37.	Photodynamic Therapy In Periodontology- A Review	B.K.N.SINGH	Neuro-quantology	1303-5150	2022	Y	Scopus	LINK_37
38.	Huck's Adventures in India: Cultural Conversation in Select Hindi Adaptations	Seema Sharma,	Journal of Transnational American Studies	2229-3620	2021	Y	Scopus	LINK_38
39.	A study on the use of internet by women working in informal sector in south mumbai	Fatema Fanuswala & Gajanan Wader	Shodh Sanchar Bulletin	2321-984X	2021	UGC CARE	-	LINK_39
40.	Post covid next generation involvement with reference to family managed business	Rakhi Sharma	Modern thamizh research	2395-602X	2021	UGC CARE	-	LINK_40
41.	In-silico Screening Of Prime PCOS Biomarkers For The Identification Of A Potential Model Organism	Ruqayya Manasawala	International Journal of Scientific Research in Science and Technology	1938-6737	2021	Y	Scopus	LINK_41
42.	Synthesis of GaSb-VDS thin film by electron beam physical vapour deposition and its electro-optical characterization as prerequisite for p-n device construction	Anshul Gupta , Manisha Deshpande, Dattatray. Gadkari, Dilip S. Maske	Material today Proceedings	2214-7853	2021	Y	Scopus	LINK_42
43.	Function-oriented synthesis of fluorescent chemosensor for selective detection of Al ³⁺ in neat aqueous solution: Paperstrip detection &	Gokul Ganesan,; Pownthurai, B; Niloufer K Kotwal,; Mukeshkumar Yadav,; Prabhakar Chetti,; Atul Chaskar,;	Journal of Photochemistry and Photobiology A: Chemistry, Vol 425	2229-3620	2021	Y	Scopus	LINK_43



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44.	"Trauma of Confinement: Locating the Spatial and Material Remnants of Dr. Manette's Suffering in Different Strokes	Anamika Purohit	Shodh Sanchar Bulletin, Vol 10, issue 40, October-December 2020, Pg 1-5	2229-3620	2020	UGC CARE	-	LINK_44
45.	Value-based learnings for an entrepreneur: a gandhian perspective	Simmin Bawa	Studies in Indian Place Names	2394-3114	2020	UGC CARE	-	LINK_45
46.	A Study of Supply of Daily Essentials in Thane: How The Common Man Managed The Daily Essentials	Ashutosh Saxena	Studies in Indian Place Names	2394-3114	2020	UGC CARE	-	LINK_46
47.	Smart Banking In India: Challenges And Opportunities	Ashutosh Saxena	Studies in Indian Place Names	2394-3114	2020	UGC CARE	-	LINK_47
48.	Smartphone City : A Dream Project In Karjat	Nital Kothari	Studies in Indian Place Names	2394-3114	2020	UGC CARE	-	LINK_48
49.	Supply of Daily Essentials: The daily Challenge for Common Man	Nital Kothari	Studies in Indian Place Names	2394-3114	2020	UGC CARE	-	LINK_49
50.	A Comparative study of investments preferences of women working in the organized and unorganized sector in south Mumbai	Fatema Fanuswala & Gajanan Wader	Shodh Sanchar Bulletin	2229-3620	2020	UGC CARE	-	LINK_50
51.	Study on use of FINTECH among the residents of Punsari for Preparation of Books of Accounts	Jaisinghani Reshma & Suintia Tidke	Shodh Sarita	2348-2397	2020	UGC CARE	-	LINK_51



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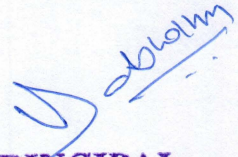
52.	A study on consumer preferences with respect to purchase of medicines on e-commerce portals in south mumbai	Fatema Fanuswala & Gajanan Wader	Shodh Sanchar Bulletin	2321-984X	2020	UGC CARE	-	LINK_52
53.	Pharmacognostic and Phytochemical Evaluation of Three Ficus Sp	Chachad Devangi and Mondal Manoshree	World Journal of Pharmacy and Pharmaceutical sciences	2278 – 4357	2020	UGC CARE	-	LINK_53
54.	An efficient photocatalytic degradation of organic dyes under visible light using zinc stannate (Zn ₂ SnO ₄) nanorods prepared by microwave irradiation	Shilpa Jain, Akshara P Shah, Navinchandra G Shimpi	Nano-Structures & NanoObjects	2352-507X	2020	Y	Scopus	LINK_54
55.	World Road To Cashless Economy with respect to banking finance and Insurance sector	Dhriti Rathod	IJAIR	2394-7780	2019	UGC CARE	-	LINK_55
56.	Development of Ni doped ZnO/polyaniline nanocomposites as high response room temperature NO ₂ sensor	Shilpa Jain, Narayan Karmakar, Akshara Shah, Navinchandra G Shimpi	Materials Science and Engineering: B	0921-5107	2019	Y	Scopus	LINK_56
57.	Comparative study of antimicrobial activities of azines and 1, 4-diazabutadienes to establish the pharmacophore in the lead	Gokul Ganesan, Niloufer K Kotwal; Sreela Dasgupta	International Journal of Life Sciences Research	2348-3148	2019	Y	-	LINK_57



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58.	Career Prospects of Mathematics Graduate	Vijay R Tiwari	Shodhmanthan Global Research in Dynamic World: Issues and Challenges	1439-4235	2018	UGC-CARE	-	LINK_58
59.	Proton Transfer Reaction Dynamics of Pyranine in DMSO/Water Mixtures	A.A Awasthi, P.K. Singh	Chem-Phys Chem	0976-5255	2018	Y	Scopus	LINK_59
60.	Ferromagnetism in the orthorhombic PrPd and SmPd	Vijay Dhar	Journal of Alloys and Compounds	0925-8388	2018	Y	Scopus	LINK_60




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