



ST. ALOYSIUS' COLLEGE

(AUTONOMOUS), JABALPUR(M.P.)

Reaccredited 'A+' Grade by NAAC (CGPA 3.68/4.00)

College with Potential for Excellence (CPE) by UGC

DST-FIST Supported & Star College Scheme by DBT.

Research Publications and Awards

3.4.3 Research Papers published in UGC Care List Journal

2019-2020

S. No	Name of the Author(s)	Department of the Author(s)	Title of the Paper	Name of the Journal	ISSN	Link to article/paper
1	Dr. Manju Gupta	Chemistry	Salting-out homogeneous liquid-liquid microextraction for the spectrophotometric determination of iodate in food grade salt	Journal of Food Composition and Analysis	ISSN 0889-1575	https://www.sciencedirect.com/science/article/abs/pii/S0141813019365079#:~:text=These%20lectins%20have%20various%20properties,therapeutic%20purposes%20in%20cancer%20research.
2	Dr. Juhi Sharma	Botany	Legume lectins: Potential use as a diagnostic and therapeutics against the cancer	International Journal of Biological Macromolecule	ISSN 0141-8130	https://doi.org/10.1016/j.ijbio.2019.09.119
3	Dr. Anjali D'souza	Chemistry	Salting-out homogeneous liquid-liquid microextraction for the spectrophotometric determination of iodate in food grade salt	Journal of Food Composition and Analysis	ISSN 0889-1575	https://www.sciencedirect.com/science/article/abs/pii/S0141813019365079#:~:text=These%20lectins%20have%20various%20properties,therapeutic%20purposes%20in%20cancer%20research.
4	Dr. Juhi Sharma	Botany	Potential strategies for management of drug resistant tuberculosis,	Journal of Global Antimicrobial Resistance	ISSN : 2213-7173. (ISSN-L): 2213-7165	https://www.researchgate.net/publication/342771982_The_Contribution_of_Microbial_Biotechnology_for_Achieving_Sustainable_Development



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5	Dr. Anjali D'souza	Chemistry	Fluoride ion concentration in Ground Water as a major concern: Pratapgarh District Uttar Pradesh	International Journal of Research and Analytical Review	E-ISSN (2348-1269), Print 2349-5138)	https://staloyuscollege.ac.in/sr_files/c3/34/343/Anjalidsouza_Fluoridion_2019.pdf
6	Dr. Anjali D'souza	Chemistry	Carbon dots from Guar Gum: Synthesis, Characterization and preliminary <i>in vivo</i> application in Plant Cells	Materials Sciences and Engineering B	ISSN 0921-5107 (Print)	DOI:10.1016/j.mseb.2019.02.014
7	Dr. Anjali D'souza	Chemistry	Blue light -emitting carbon dots (CDs) from a milk protein and their interaction with Spinacia oleracea leaf cells	International Nano Letters	2228-5326	https://www.researchgate.net/publication/332543805_Blue_lightemitting_carbon_dots_CDs_from_a_milk_protein_and_their_interaction_with_Spinacia
8	Dr. Mamta Gokhale	Botany	Biochemical Evidences to establish the possible interaction between Host Plant <i>Oroxylum indicum</i> and Endophytic Fungus <i>Geotrichum pseudocandidum</i>	International Journal of Advanced Biological Research	ISSN (Online) : 2073-3771 · ISSN (Print) : 2222-5617	https://www.researchgate.net/publication/342878318_BIOCHEMICAL_EVIDENCES_TO_ESTABLISH_THE_POSSIBLE_INTERACTION_BETWEEN_HOST_PLANT_OROXYLUM_INDICUM_AND_ENDOPHYTIC_FUNGUS_GEOTRICHUM_PSEUDOCANDIDUM
9	Dr. Dileep Kumar Koshta	Commerce	A Study of Water Resource Management in Urban and Rural Areas of Jabalpur District	Shanlax International Journal of Commerce	ISSN- 2320-4168	https://www.researchgate.net/publication/334181018_A_Study_of_Water_Resource_Management_in_Urban_and_Rural_Areas_of_Jabalpur_District
10	Dr. Ashu Jain	Commerce	A Study of Water Resource Management in Urban and Rural Areas of Jabalpur District	Shanlax International Journal of Commerce	issn- 2320-4168	https://www.researchgate.net/publication/334181018_A_Study_of_Water_Resource_Management_in_Urban_and_Rural_Areas_of_Jabalpur_District
11	Harbaksh Moolchandani	Commerce	Effect of Working Capital Management on Profitability of Bajaj Auto Limited	Indian Journal of Accounting	ISSN- 0972-1479	https://www.researchgate.net/publication/373843119_Effect_of_Working_Capital_Management_on_Profitability_of_Bajaj_Auto_Limited
12	Dr. Laxmi Kant Pandey	Biotechnology	Interferon- γ Messenger RNA level in peripheral	Buffalo Bulletin	ISSN: 0125-6726.	https://www.researchgate.net/publication/336460329_INTERFERON-



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			blood monocular cells of Naïve Bovines After foot and Mouth Disease virus vaccination and Challenge			g MESSENGER RNA LEVEL IN PERIPHERAL BLOOD MONONUCLEAR CELLS OF NAIVE BOVINES AFTER FOOT-AND-MOUTH DISEASE VIRUS VACCINATION AND CHALLENGE
13	Dr. Siby Samuel	Computer Science	Improved technique in Tic-Tac-Toe game to minimize the condition of draw using min-max over optimal strategy	International Journal of Scientific & Engineering Research	ISSN: 2229-5518	https://www.researchgate.net/publication/365944370_Improved_technique_in_Tic-Tac-Toe_game_to_minimize_the_condition_of_draw_using_min-max_over_optimal_strategy
14	Dr. Siby Samuel	Computer Science	One Dimensional Cutting Stock Problem (1D-CSP): A New Approach for Sustainable Trim Loss	International Journal of Mechanical and Production Engineering Research and Development,	ISSN: 2249-6890	https://www.researchgate.net/publication/329525945_One_Dimensional_Cutting_Stock_Problem_1D-CSP_A_New_approach_for_Sustainable_Trim_Loss
15	Dr. Mita Darbari	Mathematics	Fortifying The Messages	International Journal of Scientific & Technology Research.	ISSN: 2277-8616	https://www.ijstr.org/final-print/dec2019/Fortifying-The-Messages-.pdf
16	Dr. Mita Darbari	Mathematics	“Special Pythagorean Triangles with Sum of their Two Legs as Undecic	International Journal of Innovative Technology and Exploring Engineering.	ISSN: 2278-3075	https://www.researchgate.net/publication/364111511_Special_Pythagorean_Triangles_with_Sum_of_their_Two_Legs_as_Undecic
17	Dr. Mita Darbari	Mathematics	Special Pythagorean Triangles and Cryptography”	International Journal of Scientific & Technology Research.	ISSN: 2277-8616	https://www.ijstr.org/final-print/mar2020/Special-Pythagorean-Triangles-And-Cryptography.pdf
18	Dr. Akhilesh Pathak	Mathematics	Fixed Point Theorems Concerning R-contraction in complete Metric	Studies in Indian Place Names	2394-3114	https://staloyuscollege.ac.in/sr_files/c3/34/343/Akhilesh_Fixedpoint_2019.pdf
19	Dr. Archana Pasari	Mathematics	An Easy Method To Find Squares of 11 To 19 By Vedic Mathematics	Purakala	SSN:0971-2143,	https://staloyuscollege.ac.in/sr_files/c3/34/343/Archanasari_Aneasy_method_2019.pdf
20	Dr. Femina Sobin	Botany	Isolation and Plant Growth Promoting Studies of	Int. J. Curr. Microbiol. App. Sci.	PRINT ISSN : 2319-7692	https://www.researchgate.net/publication/335184830_Isolation_and_Plant_Growth_Promoti



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			Endophytic Fungi of Some Forest Plants			<u>ng Studies of Endophytic Fungi of Some Forest Plants</u>
21	Dr.Zareen Baksh	Botany	Study of Workplace stress among college teachers (High school Educators)	Our Heritage Journal	ISSN 0474-9030	https://www.researchgate.net/publication/343685200_Our_Heritage_Study_of_Workplace_Stress_Among_College_Teachers_High_Class_Educator
22	Dr. Priyanka Sinha	Zoology	Studies of variation of Hematological indices in Various Acute Febrile Illnesses in Jabalpur City	Journal of Emerging Technologies and Innovative Research	ISSN: 2349-5162	https://www.researchgate.net/publication/343685200_Our_Heritage_Study_of_Workplace_Stress_Among_College_Teachers_High_Class_Educator
23	Dr. Priyanka Sinha	Zoology	Studies on differential haemocyte and total haemocyte counts of insects of order hymenoptera of Jabalpur	Journal of Emerging Technologies and Innovative Research	ISSN 2349-5162	https://www.jetir.org/view?paper=JETIR2005011
24	Dr. Priyanka Sinha	Zoology	Studies on the effect of three agrichemical on the growth of Eisenia Fetida in earthen pots	International journal of current research	ISSN 0975-833	https://www.jetir.org/papers/JETIR1904D62.pdf
25	Dr. Runa Paul	Zoology	Efficacy of cow urine as a plant growth enhancer and evaluation of its antimicrobial activity against Aeromonas hydrophila.	World Journal of Pharmaceutical Research	ISSN 2277-7105	https://www.semanticscholar.org/paper/EFFICACY-OF-COW-URINE-AS-A-PLANT-GROWTH-ENHANCER-OF-Paul-Yadav/bbc67920182ede080ed1a53b547e5b490489f31d
26	Dr. Runa Paul	Zoology	Quantitative Analysis and Antimicrobial Activities of <i>Phyllanthus emblica</i> (L) Leaf Extracts against Fish Pathogen <i>Aeromonas hydrophila</i> .	Journal of Advanced Scientific Research.	e-ISSN 0976-9595	https://sciensage.info/index.php/JASR/article/view/572
27	Dr. Niharika Singh	English	A Study of Gender Discrimination in <i>Tara</i> and <i>A Doll's House</i> ”	LANGLIT: An International Peer Reviewed Journal	ISSN 2349-5189	file:///C:/Users/acer/Downloads/572-Article%20Text-190-1-10-20220224.pdf



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28	Dr. Mary Raymer	English	Feminism And Feminine Mental Health: A Psychoanalytical Study In The Works Shashi Deshpande	LANGLIT: An International Peer Reviewed Journal	ISSN 2349-5189	https://drive.google.com/file/d/1cC0Pw9EfOtCMWXyEhw2dgp7iearNUgc/view
29	Dr. Soma Guha	English	The Book of Life: Swami Vivekananda Guide to Purposeful Living and Spiritual Growth into the 21st Century and Beyond”	<i>Contemporary Vibes</i>	ISSN 0975-1750	https://staloyuscollege.ac.in/sr_files/c3/34/343/soma_guha.pdf
30	Fr. Valan Arasu	Economic s	“ <i>Relationship between Clam Settlement and Growth of Life Insurance Companies in India</i> ”	Sambodhi,	ISSN 2249-6661	https://staloyuscollege.ac.in/sr_files/c3/34/343/Frvalan_Relationship_2019.pdf
31	Dr. Vishwas Patel	Political Science	<i>Third Gender ki Chunaotiyan</i> ”	<i>Manavadhikar: Nai Dishayein A Journal of National Human Rights Commission</i>	ISSN: 0973-7588	https://staloyuscollege.ac.in/sr_files/c3/34/343/Vishwaspatel_thirdgenderkichunaotiyan_2019.pdf
32	Dr. Tuhina Johri	Political Science	<i>Third Gender ki Chunaotiyan</i> ”	<i>Manavadhikar: Nai Dishayein A Journal of National Human Rights Commission</i>	ISSN: 0973-7589	https://staloyuscollege.ac.in/sr_files/c3/34/343/Vishwaspatel_thirdgenderkichunaotiyan_2019.pdf
33	Dr. Rupali Ahluwalia	Commerc e	Indo-ASEAN Trade Potentials – Role of WTO	Mukt Shabd Journal Academic publishing	ISSN 2347-3150	https://www.researchgate.net/publication/371874365_INDO-ASEAN_Trade_Potentials_Role_of_WTO
34	Dr Sonal Rai	Commerc e	Indo-ASEAN Trade Potentials - Role of WTO	Mukt Shabd Journal Academic	ISSN 2347-3150	https://www.researchgate.net/publication/371874365_INDO-ASEAN_Trade_Potentials_Role_of_WTO
35	Dr Sonal Rai	Commerc e	Industry 4.0 and University 4.0: A Win-Win Approach towards Digital Transformation	Shodh Sarita	ISSN 2348-2397	https://staloyuscollege.ac.in/sr_files/c3/34/343/Sonalrai_industry4.0_2019.pdf



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36	Dr. Sunil Tiwari	Commerce	भारतीय अर्थव्यवस्था में चुनौतियाँ एवं सम्भावनाएं : कोविड-19 के विशेष सन्दर्भ में	Mukt Shabd Journal	ISSN No. 2347-3150	https://staloyuscollege.ac.in/sr_files/c3/34/343/Suniltiwari Covid19_2019.pdf
37	Dr. Nidhi Khurana	Commerce	An Effect of Advertising on Women Buying Behaviour	Presidency Journal of Management Thought & Research	ISSN 2229-5275	https://pjmtjournal.in/pdf/PJ MTR%20-Jan-June2020.pdf
38	Dr. Meenakshi Swamy	Commerce	Educators' online buying behavior: A step towards knowledge management with special reference to higher education institutions in Jabalpur city	Man Made Textiles in India	ISSN 0377-7537	https://www.researchgate.net/profile/Komal-Rawat-3
39	Dr. Komal Rawat	Commerce	Educators' online buying behavior: A step towards knowledge management with special reference to higher education institutions in Jabalpur city	Man Made Textiles in India	ISSN 0377-7537	https://www.researchgate.net/profile/Komal-Rawat-3
40	Dr. Kusumlata Rajak	Mathematics	Operation on Fine Topology	World Journal of Pharmaceutical Research	ISSN-1307-5543	http://dx.doi.org/10.29020/nybg.ejpam.v12i3.3449
41	Mrs. Abhilasha Sankari	Computer Science	A Review on Research Areas in Educational Data Mining and Learning Analytics	International Journal of Scientifics and Technology Research	ISSN-2277-5616	https://www.researchgate.net/publication/339164956_A_Review_On_Research_Areas_In_Educational_Data_Mining_And_Learning_Analytics
42	Dr. Poonam Pendke	Physics	Study of dielectric relaxation and persistence of polarization in polysulfone foils sensitized with malachite green using transient discharging current	American Institute of Physics'	0094-243X	https://pubs.aip.org/aip/acp/article-abstract/2142/1/040005/725297/Study-of-dielectric-relaxation-and-persistence-of?redirectedFrom=fulltext
43	Dr. Anthonima Robin	Economics	"Present Education System in India: A Challenging	International Journal of Research and analytical	ISSN: 2348-1269,	https://drive.google.com/file/d/1suJIN9tkSd99-mepL15sH9ZczK-da_GI/view?usp=sharing





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			Priority in the Society"	Reviews (IJRAR),		
44	Mrs Saroj Junghare	Computer Science	Stakeholder's role in governance and administration in Higher Education Institutions	Mukt Shabd	ISSN 2347-3150	https://drive.google.com/file/d/1RxEzj3uUylMGn4Pu8dv2BUn55T3_D1z-/view