



ST. ALOYSIUS' COLLEGE

AUTONOMOUS
JABALPUR- 482001
MADHYA PRADESH, INDIA

CRITERION-3

RESEARCH, INNOVATIONS AND EXTENSION

Key Indicator – 3.4

Research Publications & Awards



Metric No.: 3.4.3

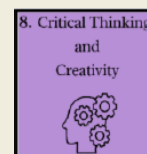
Research Paper Published in UGC CARE LIST



Document Name

Research Paper Published

2019-2020





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



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.

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_Fluorideion_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-



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.

			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/Archanpasari_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



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.

			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



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.

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



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.

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





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.

			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