



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

2023-2024

| S.No. | Name of the Author(s) | Department of the Author(s) | Title of the Paper | Name of the Journal | ISSN | Link to the notification in UGC enlistment of the Journal |
|-------|-----------------------|---------------------------------------|--|--|---|---|
| 1 | Dr. Sonali Nigam | Department of Botany and Microbiology | Evaluation of different substrates for economical mass multiplication of Trichoderma, a bio control fungal agent | Indian J Trop Biodiv | 0971-4642 | https://tfri.icfre.gov.in/IJTB-Journal/index.html |
| 2 | Dr. Femina Sobin | Department of Botany and Microbiology | Decolorization of spent wash using bacteria Pseudomonas putida | International Journal of Current Microbiology and Applied Sciences. 12(10): 63-73. | PRINT ISSN : 2319-7692 Online ISSN : 2319-7706 | https://www.ijcmas.com/ |
| 3 | Dr. Rupali Ahliuwalia | Commerce | India's Trade Policy and GVCs: An Insight on Recent Policy Changes for Selected Sectors | Organization development Journal, Volume 11, Issue10 | 0889-6402 | https://odpublisher.com/archives/ |
| 4 | Dr. Nidhi Khurana | Commerce | India's Trade Policy and GVCs: An Insight on Recent Policy Changes for Selected Sectors | Organization development Journal, Volume 11, Issue10 | 0889-6402 | https://odpublisher.com/archives/ |
| 5 | Dr. Komal Rawat | Commerce | Embedding SDG 12 in consumer behaviour. A survey of knowledge, attitude and perception for | Visions for Sustainability, No.20 | 2384-8677 | https://ojs.unito.it/index.php/visions |



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.

| | | | | | | |
|----|--------------------|--------------------------------|---|---|-------------|---|
| | | | sustainable consumption | | | |
| 6 | Dr. Priya Sahni | Commerce | Embedding SDG 12 in consumer behaviour. A survey of knowledge, attitude and perception for sustainable consumption | Visions for Sustainability, No.20 | 2384-8677 | https://ojs.unito.it/index.php/visions |
| 7 | Ms. Nidhi Rajak | Commerce | Urbanization And Sustainable Climate Change: Exploring The Impact Of Urban Expansion On Environment | International Journal of Advance and Innovative Research | 2394-7780 | https://ijairjournal.in/ |
| 8 | Siby Samuel | Department of Computer Science | Challenges and Opportunities in Intellectual Property Rights (IPR) in the Age of Generative AI: Balancing Innovation and Protection | International Journal of Science and Research | 2319-7064 | http://www.ijsr.net/ |
| 9 | Dr. Mandira Kar | Mathematics | Brahmagupta: Mathematician Of All Times | https://www.imrfjournals.com/ssirj12 | 2395 - 0544 | https://www.imrfjournals.com/ssirj12 |
| 10 | Dr. Mita Darbari | Mathematics | Eight extraordinary Pythagorean triangles | AIP Conf. Proc. | 0094-243X | https://pubs.aip.org/acp |
| 11 | Dr. Satyendra Jain | Mathematics | Results In B-Metric Spaces Endowed with The Graph and Application to Differential Equations | Journal of applied mathematics & informatics | 2734-1194 | https://jami.or.kr/ |
| 12 | Dr. Satyendra Jain | Mathematics | Best Proximity Point and Existence of the Positive Definite Solution for Matrix Equations | International Journal of Analysis and Applications | 2291-8639 | https://etamaths.com/index.php/ijaa |
| 13 | Dr. Priyanka Sinha | Zoology | “Toxicity and repellency of Tegetes erecta, Syzium aromaticum, Musa sp. Against termite (Odontotermes sp.) | Mukt Shabd Journal | 2347-3150 | https://shabdbooks.com/volume-12-issue-7-july-2023 |



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.

| | | | | | | |
|----|------------------------|---------|---|---|---|---|
| 14 | Dr. Runa Paul | Zoology | The effect of aqueous leaf extract of Phyllanthus emblica on Biochemical parameters of catfish, Clarias batrachus. | Advances in Bioresearch | Online ISSN 2277-1573 Print ISSN 0976-4585 | https://soeagra.com/abr.html |
| 15 | Dr. Dayashankar Gautam | Zoology | An in vitro study of cytotoxicity of organophosphate insecticides (Imidacloprid, Profenofos, Dichlorvos) and oil and Dashparni ark) on lymphocytes by MTT and Trypan blue assay | International Journal of Ayurvedic Medicine | 0976-5921 | https://ijam.co.in/ |
| 16 | Dr. Manju Dixit | Zoology | Study of Antimicrobial quality of Tobacco leaves extract (Nicotiana tabacum) on Aeromonas hydrophila and Escherichia Coli | Biosciences Biotechnology Research Asia | Print ISSN: 0973-1245 | https://www.biotech-asia.org/ |
| 17 | Dr. Priyanka Sinha | Zoology | The effect of aqueous leaf extract of Phyllanthus emblica on Biochemical parameters of catfish, Clarias batrachus. | Advances in Bioresearch | Online ISSN 2277-1573 Print ISSN 0976-4585 | https://soeagra.com/abr.html |
| 18 | Dr. Dayashankar Gautam | Zoology | The effect of aqueous leaf extract of Phyllanthus emblica on Biochemical parameters of catfish, Clarias batrachus. | Advances in Bioresearch | Online ISSN 2277-1573 Print ISSN 0976-4585 | https://soeagra.com/abr.html |



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.

| | | | | | | |
|----|-------------------------|---------------|---|---------------------------------------|---------------------------------|---|
| 19 | Dr. Smarika Lawrence | Chemistry | “Pb ²⁺ ion removal from contaminated aqueous solution by adsorption onto Graphene oxide Sand Composite (GOSC) for efficient water purification | Journal of Chemistry and Environment, | ISSN: 2959-0132 | https://www.jspae.com/index.php/jce |
| 20 | Dr. Amita Chhatri | Chemistry | “Pb ²⁺ ion removal from contaminated aqueous solution by adsorption onto Graphene oxide Sand Composite (GOSC) for efficient water purification | Journal of Chemistry and Environment, | ISSN: 2959-0132 | https://www.jspae.com/index.php/jce |
| 21 | Dr. Laxmikant Pandey | Biotechnology | Analysis of the Anti-Oxidant and Cell Cytotoxicity Properties of Stevia Rebaudiana Extract by Using In-Vitro Model | Journal of Advance Zoology | ISSN: 0253-7214 | https://jazindia.com/index.php/jaz |
| 22 | Mr. Enosh Phillips | Biotechnology | Analysis of the Anti-Oxidant and Cell Cytotoxicity Properties of Stevia Rebaudiana Extract by Using In-Vitro Model | Journal of Advance Zoology | ISSN: 0253-7214 | https://jazindia.com/index.php/jaz |
| 23 | Mr. Nitin Swamy | Biotechnology | Analysis of the Anti-Oxidant and Cell Cytotoxicity Properties of Stevia Rebaudiana Extract by Using In-Vitro Model | Journal of Advance Zoology | ISSN: 0253-7214 | https://jazindia.com/index.php/jaz |
| 24 | Mrs. Neha Namdeo | Education | Policies and Schemes: A Tool for Women's Economic Empowerment in India | Pune Research Discovery | ISSN 2455-9202 | http://puneresearch.com/discovery |
| 25 | Dr. Roshan Lal Sondhiya | Education | A Study of Educational Interest of Undergraduate Students in Relation to Their Gender | Pune Research Discovery | ISSN 2455-9202 | http://puneresearch.com/discovery |



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.

| | | | | | | |
|----|---------------------|------------------|---|--|-----------------|---|
| 26 | Dr. Jyoti Rajpoot | Education | A Study of Educational Interest of Undergraduate Students in Relation to Their Gender | Pune Research Discovery | ISSN 2455-9202 | http://puneresearch.com/discovery |
| 27 | Dr. Sushma Pillay | Education | Gender Sensitization: Understanding Challenges and Promoting Equality | Pune Research Discovery | ISSN 2455-9202 | http://puneresearch.com/discovery |
| 28 | Dr. Komal Rawat | Commerce | The influence of reviews and ratings on consumer purchase decision | Man-Made Textiles in India | 0377-7537 | https://www.scopus.com/sourceid/16456 |
| 29 | Mrs. Saroj Junghare | Computer Science | Machine Learning Classification Algorithms for Student Evaluation in Higher Education | International Peer-Reviewed Indexed Research Journal | 2278-9308 | https://www.researchjournals.in/ |
| 30 | Prakash Kumar Lange | Computer Science | Comparative Study of XGBOOST and SVM Algorithms for Prediction of Heart Disease | Juni Khyat | 2278-4632 | http://junikhyatjournal.in/ |
| 31 | Jitendra Kumar Jain | Computer Science | Comparative Study of XGBOOST and SVM Algorithms for Prediction of Heart Disease | Juni Khyat | 2278-4632 | http://junikhyatjournal.in/ |
| 32 | Dr. Zareen Baksh | | Analysis of the Anti-Oxidant and Cell Cytotoxicity Properties of SteviaRebaudiana Extract by Using In-Vitro Model | Journal of Advance Zoology | ISSN: 0253-7214 | https://jazindia.com/index.php/jaz |
| 33 | Dr. Sutapa Roy | Chemistry | Perceived returns of higher education: A case study on some college students of Jabalpur | International education and research journal | 2454-9916 | https://ierj.in/ |
| 34 | Dr. Sutapa Roy | Chemistry | Vanadium Complexes: Potential Candidate for Therapeutic Applications. Transition Metal Chemistry | Springer Nature | 0967-0912 | https://www.springernature.com/gp |



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.

| | | | | | | |
|-----|----------------------|---------------|---|--|---|---|
| 35 | Dr. Sweta Likhitkar | Chemistry | Applications and advancements of polysaccharide-based nanostructure for enhanced drug delivery | Colloids and surfaces B: Biointerfaces | ISSN: 0927-7765. | https://www.sciencedirect.com/journal/colloids-and-surfaces-b-biointerfaces |
| 36 | Dr. Anisha Rupashree | Biotechnology | Analysis of endophytic microbes harboring in medicinal plants of Himalayan region with their medicinal properties | Biocatalysis and Agricultural Biotechnology | 1878-8181 | https://www.sciencedirect.com/journal/biocatalysis-and-agricultural-biotechnology |
| 37 | Dr. Rumana Faraz | Biotechnology | Enhancement in production of baicalein through transformation in <i>Oroxylum indicum</i> (L.) Vent by <i>Rhizobium rhizogenes</i> | Vegetos | 0970-4078 | https://link.springer.com/journal/42535 |
| 38 | Dr. Laxmikant Pandey | Biotechnology | Screening and Molecular identification of I-asparaginase producing bacteria with ansB gene from sewage water | World Journal of Biology Pharmacy and Health Sciences | 2582-5542 | https://wjbphs.com/ |
| 39. | Dr. Laxmikant Pandey | Biotechnology | Decolorization of spent wash using bacteria <i>Pseudomonas putida</i> | International Journal of Current Microbiology and Applied Sciences. 12(10): 63-73. | PRINT ISSN : 2319-7692 Online ISSN : 2319-7706 | https://www.ijemas.com/ |
| 40. | Dr. Manju Dixit | Zoology | The effect of aqueous leaf extract of <i>Phyllanthus emblica</i> on Biochemical parameters of catfish, <i>Clarias batrachus</i> . | Advances in Bioresearch | Online ISSN 2277-1573 Print ISSN 0976-4585 | https://soeagra.com/abr.html |



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.

| | | | | | | |
|-----|-------------------------|------------------|---|--|-----------------------|---|
| 41. | Dr. Megha Tiwari | Zoology | Study of Antimicrobial quality of Tobacco leaves extract (Nicotiana tabacum) on Aeromonas hydrophila and Escherichia Coli | Biosciences Biotechnology Research Asia | Print ISSN: 0973-1245 | https://www.biotech-asia.org/ |
| 42. | Mr. Prakash Lange | Computer Science | Comprehensive Performance Evaluation of Machine Learning Algorithms Across Diverse Fields | Juni Khyat | 2278-4632 | http://junikhyatjournal.in/ |
| 43 | Dr. Manju M. Solomon | History | Diaspora of Indian women Migration to British Colonies in Eighteenth Century: Cultural Assimilation” | International Research Journal of Commerce, Arts and Science, An International Indexed Peer Reviewed &Refereed Journal | ISSN 2319 – 9202 | https://doi.org/10.32804/CASIRJ |
| 44 | Dr. Adarsh Kumar Mishra | History | Diaspora of Indian women Migration to British Colonies in Eighteenth Century: Cultural Assimilation” | International Research Journal of Commerce, Arts and Science, An International Indexed Peer Reviewed &Refereed Journal | ISSN 2319 – 9202 | https://doi.org/10.32804/CASIRJ |