# School of Studies in Biotechnology, List of Publications Since 2016

| S. no. | Title of papers | Name of the author/s | Name of journal | Year of publication | ISSN number | Link to the recognition in UGC enlistment of the Journal /Digital Object Identifier (doi) number |
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| 1 | Effect of Different Cytokinins and Media Type on in vitro Shoot Proliferation of *Asparagus recemosus* Willd | Shubha Thakkur, K.L. Tiwari and S.K. Jadhav | Plant Tissue Culture & Biotechnology,26(2):51-157. | 2016 | 18173721 | https://www.banglajol.info/index.php/PTCB/article/view/30565 |
| 2 | Variation in Aeromycoflora of Raipur city with special reference to allergic diseases | Shahla Khan, V.K. Kanungo and S.K. Jadhav | Indian Journal of Applied & Pure Biology,31(2):131-142. | 2016 | 9702091 | http://biology-journal.org/journal/volume31/issue62/ijapb31-2-3.html |
| 3 | Optimization of electrode material for bioelectricity production through microbial fuel cell | Alka Kaushik and SK Jadhav | Bharatiya Vaigyanik evam Audyogik Anusandhan Patrika (BVAAP),24(2):128-143. | 2016 | 9752412 | http://nopr.niscair.res.in/bitstream/123456789/38780/1/BVAAP%2024%282%29%20128-134.pdf |
| 4 | Semi-quantitative expression studies of genes involved in biosynthesis of curcuminoid in *Curcuma caesia* Roxb. | Neha Behar, K.L. Tiwari and S.K. Jadhav | Indian Journal of Biotechnology,15:491-492. | 2016 | 9725849 | http://nopr.niscair.res.in/handle/123456789/41034 |
| 5 | Effect of chemical pretreatment on de-oiled rice bran for fermentative biohydrogen production | Shabina Khan, Veena Thakur, Jadhav S.K., Afaque Quraishi | CSVTU International Journal of Biotechnology, Bioinformatics and Biomedical,1(1):20-24. | 2016 | 24555762 | http://www.csvtujournal.in/index.php/ijbbb/issue/view/1 |
| 6 | Comparative Studies of *Saccharomyces cerevisiae* MTCC 4780 and *Pichia kudriavzevii* for Bioethanol Production Using Sal (*Shorea robusta*) seeds | Chhaya Malagar, Shubhra Tiwari, S.K. Jadhav and K.L. Tiwari | Journal of Biofuels,07(1):9-13. | 2016 | 9763015 | https://www.indianjournals.com/ijor.aspx?target=ijor:jbf&volume=7&issue=1&article=002 |
| 7 | Correlation between Iron Pollution and Physiocochemical Characteristics of Effluent of Steel Industries from Urla, Raipur (Chhattisgarh), India | Tikendra Kumar Verma, K.L. Tiwari and S.K. Jadhav | Research Journal of Environmental Toxicology,10(3):172-182. | 2016 | 18193420 | https://scialert.net/abstract/?doi=rjet.2016.172.182 |
| 8 | Synthesis and in vitro Antifungal Activity of Phosphate Esters | Mithilesh Kumari Gupta, S.K. Jadhav and S.A. Bhoite | Asian Journal of Chemistry,28(07):1523–1527. | 2016 | 9707077 | http://www.asianjournalofchemistry.co.in/User/ViewFreeArticle.aspx?ArticleID=28_7_23 |

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| 9 | Relation between Sugar Consumption and Bioethanol Production Potential in Lignocellulosic biomass | Pandey Anshika, Tiwari Shubhra, Tiwari KL and Jadhav SK | Research Journal of Biotechnology, 11(1):12 – 17. | 2016 | 22784535 | https://worldresearchersassociations.com/Archives/RJBT/Vol(11)2016/January2016.aspx |
| 10 | In vitro slow growth storage of *Chlorophytum borivilianum* Sant et Fernand: a critically endangered herb | Ravishankar Chauhan, S Keshavkant, SK Jadhav & Afaque Quraishi | *In Vitro* Cellular & Developmental Biology- Plant, 52:315-321 | 2016 | 10545476 | https://link.springer.com/article/10.1007/s11627-016-9756-7 |
| 11 | A comprehensive review on pharmacological properties and biotechnological aspects of Genus *Chlorophytum* | Ravishankar Chauhan, Afaque Quraishi, S. K. Jadhav and S. Keshavkant | Acta Physiologae Plantarum,38(5):116. | 2016 | 1375881 | https://link.springer.com/content/pdf/10.1007/s11738-016-2132-8.pdf |
| 12 | Arsenic-induced metabolic disturbances and their mitigation mechanisms in crop plants: A review | Vibhuti Chandrakar, SC Naithani & S. Keshavkant | Biologia,71(4):367-377. | 2016 | 63088 | https://link.springer.com/article/10.1515/biolog-2016-0052 |
| 13 | Physiological and biochemical changes during seed development and maturation in *Madhuca latifolia* Roxb | Jipsi Chandra & S. Keshavkant | Bangladesh Journal of Botany,45(2):335-343. | 2016 | 2535416 | http://www.bdbotsociety.org/.../11.pdf |
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| 15 | Modulation of antioxidant enzymes by salicylic acid in arsenic exposed *Glycine max* L. | Vibhuti Chandrakar, Amit Dubey & S. Keshavkant | Journal of Soil Science & Plant Nutrition,16:662-676 | 2016 | 7189516 | https://www.scielo.cl/scielo.php?script=sci_arttext&pid=S0718-95162016000300008 |
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| 17 | Removal of Fe(II) Using *Aspergillus flavus* from Aqueous Solution | Tikendra Kumar Verma, K.L. Tiwari and S.K. Jadhav | Indian Journal of Scientific and Research,13(2): 63-67. | 2017 | 9762876 | https://www.ijsr.in/upload/2001291619chapter12.pdf |

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| 18 | Bioconversion Study of Deoiled Rice Bran for Bioethanol Production | Esmil Beliya, Kishan Lal Tiwari and Shailesh Kumar Jadhav | Indian Journal of Scientific and Research,13(2):21-24. | 2017 | 9762876 | https://www.ijsr.in/upload/694919530chapter5.pdf |
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| 20 | Atmospheric studies of fungal bioaerosols in the market area of Nawapara (Rajim), District- Raipur (Chhattisgarh) | Raju Mahobia, Shailesh Kumar Jadhav and Rekha Pimpalgaonkar | Indian Journal of Scientific and Research,13(1): 257-262. | 2017 | 9762876 | http://ijsr.in/upload/417052048.pdf |
| 21 | Optimization of key factors for enhanced fermentative biohydrogen production from water hyacinth by RSM | Veena Thakur, Mona Tandon and S.K. Jadhav | Current Science,113(4): 790-795. | 2017 | 113891 | https://www.semanticscholar.org/paper/Optimization-of-Key-Factors-for-Enhanced-Production-Thakur-Tandon/3f71f1126e25580e5ad4d7aff085aa9d4f28afe3 |
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| 25 | Antibacterial properties of amino acid functionalized silver nanoparticles | Kumudini Chandrakar, Rekha Nagwanshi, S.K. Jadhav, Kallol K. Ghosh, Manmohan L. Satnami | Spectrochimica Acta Part A : Molecular and Biomolecular Spectroscopy,181: 47-54 | 2017 | 13861425 | https://www.sciencedirect.com/science/article/abs/pii/S1386142517302081 |

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| 28 | Arsenic-induced genotoxic responses and their amelioration by diphenylene iodonium, 24-epibrassinolide and proline in *Glycine max* L. | Vibhuti Chandrakar, Bhumika Yadu, Rakesh Kumar Meena, Amit Dubey & S. Keshavkant | Plant Physiology and Biochemistry,112:74-86. | 2017 | 9819428 | https://www.sciencedirect.com/science/article/abs/pii/S0981942816304909 |
| 29 | Glycinebetaine reduces oxidative injury and enhances fluoride stress tolerance via improving antioxidant enzymes, proline and genomic template stability in *Cajanus cajan* L. | Bhumika Yadu, Vibhuti Chandrakar, Rakesh Kumar Meena & S. Keshavkant | South African Journal of Botany,111:68-75. | 2017 | 2546299 | https://www.sciencedirect.com/science/article/pii/S0254629916338492 |
| 30 | Modulation in arsenic-induced lipid catabolism in *Glycine max* L. using proline, 24-epibrassinolide and diphenylene iodonium | Vibhuti Chandrakar, Suruchi Parkhey, Amit Dubey & S. Keshavkant | Biologia,72:292–299 . | 2017 | 63088 | https://link.springer.com/article/10.1515/biolog-2017-0033 |
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