

## Research Publications in 2024

Sr. No.	Name	School	Year	Publication Details
1	Dr. Roshni Patel	SOS	2024	Patel, R. J., & Nerurkar, A. S. (2024). Thauera sp. for efficient nitrate removal in continuous denitrifying moving bed biofilm reactor. <i>Bioprocess and Biosystems Engineering</i> , 47, 1-4.
2	Dr. Akhilesh Prajapati	SOS	2024	Shah, S. S., Purohit, N., Turakhia, B. P., Kapadiya, K. M., & Prajapati, A. (2024). Facile synthesis of turmeric rhizome ( <i>Curcuma amada</i> ) iron nanoparticles and its cytotoxic, antioxidative, and bactericidal behavior. <i>Iranian Biomedical Journal</i> , 28(2-3), 71-81. <a href="https://doi.org/10.61186/ibj.4061">https://doi.org/10.61186/ibj.4061</a> PMID: 38770844.
3	Dr. Akhilesh Prajapati	SOS	2024	Patel, Y., Thapa, P., Prajapati, A. (2024). New insights into prostate cancer from the renin-angiotensin-aldosterone system. <i>Cellular Signalling</i> , 124, 111442. <a href="https://doi.org/10.1016/j.cellsig.2024.111442">https://doi.org/10.1016/j.cellsig.2024.111442</a> .
4	Dr. Akhilesh Prajapati	SOS	2024	Prajapati, A. (2024). Hematopoiesis and cancer stem cells: The seed and soil crosstalk. In <i>Hematopoiesis</i> (pp. [insert pages]). AAP/CRC Press. ISBN hard: 978-1-77491-472-4, ISBN ebook: 9781003413059.
5	Dr. Akhilesh Prajapati	SOS	2024	Patel, Y., & Prajapati, A. (2024). Unveiling LGR5: Prostate cancer's hidden stem cell and treatment target. <i>Urologic Oncology: Seminars and Original Investigations</i> . (In press).
6	Ms. Purvi Trivedi	SOS	2024	Khound, P., Pandya, H., Patel, R., Patel, N., Darji, S. A., Trivedi, P., Mehta, V., Raulji, A., & Banerjee, D. (2024). An approach to track and analyze the trend of antimicrobial resistance using Python: A pilot study for Anand, Gujarat, India—May 2022–August 2023. <i>Microbial Drug Resistance</i> , 1-20. <a href="https://doi.org/10.1089/mdr.2023.0057">https://doi.org/10.1089/mdr.2023.0057</a> .
7	Dr. Arti Hansda	SOS	2024	Patel, R. J., Mohapatra, S., & Hansda, A. (2024). Mycoremediation of metallic pollutants. In <i>Eco-Restoration of Polluted Environment</i> (pp. [insert pages]). CRC Press.
8	Prof. Devjani Banerjee	SOS	2024	Shah, N., Karnik, R., Darji, S., Devkar, R. V., Banerjee, D., & Chakraborty, D. (2024). Photoactive ruthenium polypyridine cage incorporating Doxorubicin: Synthesis, photorelease, and photocytotoxicity of doxorubicin with blue light. <i>Inorganic Chemistry Communications</i> , 167, 112573.
9	Dr. Naznin Pathan	SOS	2024	Dave, H., Shaikh, N., & Pamidimukkala, P. (2024). ZnO nanostructures grown from spent batteries: Ambient catalytic aspects and novel mechanistic insights. [Journal Name, Volume(issue), pages].
10	Dr. Priya Goel	SOS	2024	Suhag, A., Goel, P., Eswaraswamy, B., & Chattopadhyay, S. (2024). Surface-modified nanoclay incorporated anion exchange membrane facilitating performance in self-humidifying bipolar membrane fuel cell. <i>International Journal of Hydrogen Energy</i> , 55, 704-717.
11	Dr. Priya Goel	SOS	2024	Mandal, P., Palai, D., & Goel, P. (2024). Polymer Composites for Environmental Solutions and Remediation. In <i>Hybrid Composite Materials: Experimental and Theoretical Analysis</i> (pp. 67-90). Singapore: Springer Nature Singapore.

12	Dr. Priya Goel	SOS	2024	Goel, P., Mandal, P., Chattopadhyay, S., & Shahi, V. K. (2024). Historical and Recent Developments in Anion Exchange Membranes (AEM). Alkaline Anion Exchange Membranes for Fuel Cells: From Tailored Materials to Novel Applications, 15-35.
13	Dr. Jahanvi Bansal	SOM& LA	2024	Bansal, J., Shukla, P., & Tripathi, P. K. (2024). Homestays: A way forward to sustainable development goals. In A. Sharma (Ed.), International handbook of skill, education, learning, and research development in tourism and hospitality (pp. [insert pages]). Springer. <a href="https://doi.org/10.1007/978-981-19-1811-2_15">https://doi.org/10.1007/978-981-19-1811-2_15</a>
14	Dr. Jahanvi Bansal	SOM& LA	2024	Bansal, J., & Tewari, A. (2024). Menstrual leaves and sustainable development goals: Myopic and hyper-myopic perspectives. Gateway International Journal of Innovative Research, 4(2), 43–57.
15	Dr. Jahanvi Bansal	SOM& LA	2024	Jain, E., Banerji, P., & Bansal, J. (2024). Volatility of FDI in the manufacturing sector. International Journal of Business and Globalisation, 36(4), 381–398.
16	Dr. Jahanvi Bansal	SOM& LA	2024	Shukla, P., Bansal, J., & Tripathi, P. K. (2024). Revenge or renewal? The nexus of revenge tourism, boomerang effect, and sustainable development goals. In A. I. Hunjra & A. Sharma (Eds.), The Emerald handbook of tourism economics and sustainable development (pp. 307–318). Emerald Publishing. <a href="https://doi.org/10.1108/978-1-83753-708-220241016">https://doi.org/10.1108/978-1-83753-708-220241016</a>
17	Dr. Jahanvi Bansal	SOM& LA	2024	Bansal, J., Shukla, P., & Tripathi, P. K. (2024). Green Banking and SDGs: Drivers, Facilitators, and Accelerators. In AI-Driven Decentralized Finance and the Future of Finance (pp. 181-200). IGI Global.
18	Dr. Jahanvi Bansal	SOM& LA	2024	Shukla, P., Tripathi, P., & Bansal, J. (2024). Impact of sports tourism and sustainable development goals (SDGs): A framework using hierarchy of needs theory. In Sports tourism & events (pp. [insert pages]). Routledge, Taylor & Francis.
19	Ms. Vimla Virparia	SOM& LA	2024	Virparia, V., Patel, H., & Goswami, V. (2024). Impact of capital structure on profitability of GSFC Ltd. ANVESHAN - A Journal of Management Studies. Retrieved from <a href="https://skipspublications.edu.in/wp-content/uploads/2024/02/SKIPSanveshanFinal.pdf">https://skipspublications.edu.in/wp-content/uploads/2024/02/SKIPSanveshanFinal.pdf</a>
20	Ms. Vimla Virparia	SOM& LA	2024	Kothadiya, B., & Virparia, V. (2024). Effect of deposits and non-performing loans on bank profitability – A case study on conventional cooperative bank of Baroda region. International Journal of Management, Public Policy and Research, 3(2), 19–29. <a href="https://doi.org/10.55829/ijmpr.v3i2.218">https://doi.org/10.55829/ijmpr.v3i2.218</a>
21	Dr. Sneha Bajaj	SOM& LA	2024	Bajaj, S. (2024). Connecting heritage and horizons: Empowering every student through inclusive education. Journal of the School of Language, Literature and Cultural Studies, 20(10), ISSN 0972-9682.
22	Dr. Sneha Bajaj	SOM& LA	2024	Bajaj, S. (2024). Ethical dilemmas of Arjuna in the Bhagavad Gita – A timeless and eternal guidance from Superguru. Humanities and Social Science Studies Journal, 13(1), ISSN 2319-829X.
23	Dr. Sneha Bajaj	SOM& LA	2024	Bajaj, S. (2024). The bard and the bar: Exploring Shakespeare’s legal terminology and its contemporary relevance. Humanities

				and Social Science Studies Journal, 31(04), 3–12. IF = 7.86.
24	Dr. Sneha Bajaj	SOM& LA	2024	Bajaj, S. (2024). Understanding the regulatory landscape of over-the-top (OTT) platforms and apps in India: A legal perception. <i>Computer Research and Development</i> , 24(10), 39–57. <a href="https://doi.org/10.1016/j.cprsd.2024.08.003">https://doi.org/10.1016/j.cprsd.2024.08.003</a>
25	Dr. Vidhita Sinha	SOM& LA	2024	Sinha, V., Harsora, H., & Rathod, U. (2024). Consumer attitudes and preferences: Analyzing key factors influencing Ayurveda product acceptance. <i>Urban India</i> , 44(1), 75.
26	Prof G R Sinha	SOT	2024	Kyaw, N. N., Mitra, P., & Sinha, G. R. (2024). Automated recognition of Myanmar sign language using deep learning module. <i>International Journal of Information Technology</i> , 16(633–640). <a href="https://doi.org/10.1007/s41870-023-01680-2">https://doi.org/10.1007/s41870-023-01680-2</a>
27	Prof. G R Sinha	SOT	2024	Gupta, K., Sinha, G. R., Bhat, R., Saoji, A. A., & Manjunath, N. K. (2024). Multi-resolution assessment of heart rate variability signals during yogic and normal breathing using machine learning modules. <i>Applied Soft Computing</i> , 164, 112020. <a href="https://doi.org/10.1016/j.asoc.2022.112020">https://doi.org/10.1016/j.asoc.2022.112020</a>
28	Dr. Deepak Parashar	SOT	2024	Sharma, K., Salagrama, S., Parashar, D., & Chugh, R. S. (2024). AI-driven decision making in the age of data abundance: Navigating scalability challenges in big data processing. <i>Revue d'Intelligence Artificielle</i> , 38(4), 1335-1340. <a href="https://doi.org/10.18280/ria.380427">https://doi.org/10.18280/ria.380427</a>
29	Dr. Nilesh B Bahadure	SOT	2024	Bahadure, N. B., Khomane, R., Raut, D., Bhagwatkar, D., Bakshi, H., Bawse, P., ... & Vishwakarma, M. Comparative analysis of life expectancy prediction using regression algorithms. <i>Intelligent Decision Technologies</i> , (Preprint), 1-15.
30	Dr. Nilesh B Bahadure	SOT	2024	Bahadure, N. B., Sahare, O., Shukla, N., Mandal, R., Pandey, P., Patni, J. C., & Mohiddin, M. K. Air quality index prediction for clearer skies using improved long short-term memory. <i>Intelligent Decision Technologies</i> , (Preprint), 1-10.