

Faculty Profile

Name: Dr. Sushrutha R
Designation: Assistant Professor
Teaching Areas: Data Science,
Artificial Intelligence (AI),
Machine Learning (ML),
Deep Learning (DL),
Natural Language Processing (NLP)
Research Interests: Large Language Models, Small Numerical Models,
Biomedical Text Mining, Bibliometric Analysis
Education: PhD in Data Science, Amity University Gurgaon, 2025
MSc in Statistics, University of Hyderabad, 2016
BSc in Mathematics, University of Hyderabad, 2014



Research / Selected Publications:

1. Kadam, Y., Dagli, N., Venugopal, R., Sushrutha Raj, & Goel, S. (n.d.). (2025) Global Trends and Emerging Themes in Tele-Ophthalmology Research: A Bibliometric Analysis (1993 to 2024). *Seminars in Ophthalmology*, 0(0), 1–11.M <https://doi.org/10.1080/08820538.2025.2559842>
2. Sushrutha Raj, Vindhya Namdeo, Payal Singh, Alok Srivastava; (2025) "Identification and Prioritization of Disease Candidate Genes using Biomedical Named Entity Recognition and Random Forest Classification", *Computers in Biology and Medicine*, 192, 110320. <https://doi.org/10.1016/j.combiomed.2025.110320>
3. Sushrutha Raj, Anchal Vishnoi, Alok Srivastava; (2024). Classify Alzheimer genes association using Naïve Bayes algorithm. *Human Gene*, 41, 201309. <https://doi.org/10.1016/j.humgen.2024.201309>
4. Sushrutha Raj, Sushmitha Raj, Vindhya Namdeo, Alok Srivastava; (2024). Decoding the gene-disease associations in type 2 diabetes: A curated dataset for text mining-based classification. *Data in Brief*, 54, 110418. <https://doi.org/10.1016/j.dib.2024.110418>
5. Sushrutha Raj, Athira Anil, Anshita Shukla, Anoosha Kadambala, Alok Srivastava; (2022). Benchmark data set for breast cancer associated genes. *Data in Brief*, 45, 108583. <https://doi.org/10.1016/j.dib.2022.108583>