

BIODATA

Name and Contact

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EDUCATIONAL QUALIFICATIONS

Qualification	Specialization	University	Percentage	Class-Division	Year of Passing
Under Graduate	B.Sc. (BTZC)	Kakatiya University	69%	First Division	2015
Post Graduate	M.Sc. (Zoology)	Kakatiya University	72%	First with Distinction	2017
Ph.D. pursuing	Title: Scientific validation of ethnomedicines with a view to isolation and characterization of active molecule for targeting HIV by <i>Insilco</i> and <i>Invitro</i>				

OTHER QUALIFICATIONS

- Pg. Diploma in Sericulture at Kakatiya University 2019
- BLISc – Bachelor of Library and Information Science at Kakatiya University 2020

ACADEMIC EXPERIENCE

- Junior Lecturer in Zoology at Pranava Jr college Bibinagar, Hyderabad 2021-2023

ACHIEVEMENTS

- Telangana State – State Eligibility Test (**TS-SET-2022**) for Assistant Professor / Lecturer held on 14th /15th /17th March, 2023 in the subject LIFE SCIENCES

RESEARCH SKILLS

- Molecular Docking – AutoDock and Vina Docking
- Molecular Dynamics (MD) Simulation
- WEKA AI
- RDkit
- Chromatographic techniques: Paper chromatography, TLC, Column chromatography

TECHNICAL SKILLS

- CPCS (Certificate in Personal Computer software)
- TYPING (ANUPAMA Typing Certificate 32 w.p.m.)

RESEARCH PUBLICATIONS

1. Angadi, S. K., & Mamidala, E. (2023). An ethnobotanical survey of medicinal plants used by traditional Healers of Maripeda, Mahabubabad district, Telangana, India. *Amer. J. Sci. Med. Res.*, 9, 1-5.
2. Kumar, A. S., & Mamidala, E. (2025). Identification of HIV-1 entry inhibitors through ligand-based pharmacophore and molecular docking analysis. *Annals of Agri-Bio Research*, 30(1), 10–16.
3. Kumar, A. S., & Mamidala, E. (2025). Pharmacophore-guided virtual screening and docking approach for identification of potential CCR5 inhibitors against HIV-1. *Biolife*, 13(2), 9–17

BOOK CHAPTERS

- Kumar, A. S., & Mamidala, E. (2025). In silico screening of CCR5 inhibitors using pharmacophore modeling and molecular docking techniques. In *Proceedings of the Two-Day National Seminar on Recent Trends in Animal Biotechnology (RTAB-2024)* Zenodo (pp. 172–183). ISBN: 978-81-982510-5-3
- Kumar, A. S., & Mamidala, E. (2025). Advancements in CCR5 inhibitors: A comprehensive review of pharmacophore models and virtual screening approaches. In *Proceedings of the Two-Day National Seminar on Innovative Techniques in Animal Biotechnology and Immunology for Disease Prevention & Management (ABIDPM-2025)* (pp. 159–168). Department of Zoology, Kakatiya University. ISBN: 978-81-982510-4-6

WORKSHOPS

- Participated in the Online Workshop on “Machine Learning for Drug Discovery: Concepts to Applications”, organized by the Centre for Advanced Training and Research, Lucknow, Uttar Pradesh, India, held from 26th to 28th February 2025.
- Participated in a Two-Day Workshop on “The Spectral Analysis in Structure Determination of Organic Molecules”, organized by the Department of Chemistry & Forensic Science, R.B.V.R.R. Women’s College in association with the Royal Society of Chemistry (UK) – Local Section Deccan, India, held on 18–19 July 2024
- Attended the Virtual Workshop on “Data Analytics and Artificial Intelligence in Drug Development”, organized by Nano Science and Technology Consortium, held from 8th to 10th November 2023.

- Attended the Online Webinar on “Patents – How to File & Protect Your Inventions”, organized by AIRA Academy, held on 10th September 2024.

SEMINARS / CONFERENCES

- Presented a paper titled “In Silico Screening of CCR5 Inhibitors Using Pharmacophore Modeling and Molecular Docking Techniques” at the Two-Day National Seminar on Recent Trends in Animal Biotechnology (RTAB-2024), organized by the Department of Zoology, Kakatiya University, Warangal held in May 2025 ISBN: 978-81-982510-5-3
- Presented a review paper titled “Advancements in CCR5 Inhibitors: A Comprehensive Review of Pharmacophore Models and Virtual Screening Approaches” at the Two-Day National Seminar on Innovative Techniques in Animal Biotechnology and Immunology for Disease Prevention & Management (ABIDPM-2025), organized by the Department of Zoology, Kakatiya University, Warangal, ISBN: 978-81-982510-4-6.
- Presented a poster titled “Food Security for Women and Children in India: Challenges and Opportunities” at the Two-Day National Seminar on Food Security for Women and Children in India – Challenges and Opportunities, the seminar was sponsored by TSCHE, UGC, ICSSR, and WD&CWD. Organized by the Centre for Women’s Studies, Kakatiya University, Warangal, held on 21–22 March 2016.
- Presented a paper titled “An Ethnobotanical Survey of Medicinal Plants Used by Tribals of Maripeda Mandal, Mahabubabad District, Telangana” at the National Conference on Harmony with Nature in the Context of Environmental Issues and Challenges. Organized by the Department of Zoology, Kakatiya University, Warangal, in association with the National Environmentalists Association (NEA), Ranchi, Jharkhand, held during 21–23 December 2017,
- Attended the Two-Day National Seminar on “Recent Innovations in Animal Sciences (RIAS-2017)”, organized by the Department of Zoology, Kakatiya University, Warangal, held on 17–18 March 2017.

RESEARCH ID/LINKS

ORCID	https://orcid.org/0009-0008-7771-8375
ACADEMIA	https://kakatiya.academia.edu/SathishkumarAngadi
GOOGLE SCHOLAR	https://scholar.google.com/citations?user=Z3OCyLIAAAAJ&hl=en
RESEARCHGATE	https://www.researchgate.net/profile/Angadi-Sathishkumar-2