PROFILE

Name: Dr. Gurrala Sravani

Educational Qualifications: MSc, PhD

Designation: Lecturer

Department: Zoology

Date of joining in Maris Stella: 03.06.2024

I Academics

Degree	Institution/University	Year
PhD in Zoology	Acharya Nagarjuna University	2024
MSc Zoology	V.S.M. College, Ramachandrapuram, East Godavari, District (Andhra University)	2015

II Professional Experience

Position Held	Institution	Year
Lecturer in Zoology	S.K.P.G.N Government Degree College, Ramachandrapuram, East Godavari District	2015-2016

III Academic & Administrative Roles at Maris Stella

IV Academic Contributions to other Institutions

V Professional Memberships

- Member Ship, Indian Science Congress (ISC): 2019.

VI Refresher Courses/Orientation Courses/Short Term Courses Done

VII Workshops/Seminars/Conferences/FDPs/Training Programmes Attended

1. Participated in UGC Sponsored **National Workshop** on One Week Faculty Development Programme on **"Hands on Training Programme on Advanced Techniques in Biological Sciences (HTPATBS)"** Organized by the Department of Botany, Andhra Loyola College (Autonomous), Vijayawada, during 18th -24th Sep **2017.**

2. Participated in UGC Sponsored **International Workshop** on Research Methodology and R- Programming (RMRP) during 20th - 27th Mar **2018** Organized by the International Students Cell, Acharya Nagarjuna University, Guntur.
3. Participated in the **National workshop** on Regulatory Mechanisms, Transgenic Technology and Applications in Plants (RMTTAP-2018) jointly organized by Department of Botany and Microbiology Acharya Nagarjuna University and Indian Institute of Science Education and Research, Tirupati Andhra Pradesh India, from 2-3 Aug **2018.**
4. Participated in the "Inculcation of Innovative Knowledge to Promote Entrepreneurship in Biochemical Sciences" (**IIKEBS-2020 Workshop**) held in the Department of Biochemistry at Acharya Nagarjuna University, Nagarjuna Nagar- 522510, from 30th Nov- 2nd Dec **2019.**
5. Participated in the One day **Training Programme** on processing aspects of shell fish and fin fish at Srikanth international private limited, Someswaram, Alapadu, Krishna district held on 05th Feb **2019.**
6. Participated in the **Workshop** on Writing for Academic Publication and Funding Organized by SRM University AP, Andhra Pradesh in Cooperation with the U.S. Consulate General, Hyderabad and the Regional English Language in U.S. Embassy, New Delhi From 5th -7th Dec **2019.**
7. Participated in the **Training Programme** on "Entrepreneurship Development in Ornamental Fish Sector", Organized by Regional Research Centre, ICAR – Central Institute of Fresh Water Aquaculture, Vijayawada, Andhra Pradesh, During 1-3 March **2023,** Under SCSP Scheme.
8. Attended the Capacity Building **Workshop** for Faculty on "Research Techniques & Manuscript Development for Service-Learning Programmes" held on 12th & 13th December **2024,** at Maris Stella College, Vijayawada, Organized by the IQAC and sponsored by the United Board for Christian Higher Education, Asia.
9. Participating in an **International Webinar** on "Eco-Conscious Agriculture" Organized by Maris Stella College, Vijayawada, on 4th June **2020.**
10. Participated in the two days **International Webinar** on Health, Environment & Educational Aspects of COVID- 19 on 15th - 16th June **2020,** Organized by Dept. of Botany & IQAC, Andhra Christian College, Guntur.
11. Participated in Four day **International Webinar** on BIO CONCLAVE- An Intellectual war against COVID-19 Pandemic Organized by Dept. of Pharmaceutical Biotechnology, Hindu College of Pharmacy, Guntur from 19th - 22nd June **2020.**

12. Participated in One day **National Webinar** on Nutraceuticals and Medicinal Herbs for Health & Immunity Organized by the Dept. of Botany & IQCA, St. Joseph's College for Women Visakhapatnam on 20th June **2020.**
13. Actively participated in the **Webinar** on "DIABETES–PREVENTION AND MANAGEMENT", Organized by IQAC, St. Joseph's College for Women (A) & IAPEN Visakhapatnam Andhra Pradesh on 29th May **2020.**
14. Participated in the **International Conference** on Recent Trends in Plant Science, Department of Botany, Acharya Nagarjuna University, Guntur on 15th May **2020.**
15. Attend the **Webinar** on the topic Molecular Taxonomy and DNA Bar coding: Concepts, Methods and Applications, held on 20th May **2020**, Organized by the Department of Botany Under the aegis of Internal Quality Assurance Cell (IQAC).
16. Participated in the **National Webinar** on Covid-19 Evolution and Pathogenicity organized by the Department of Biotechnology, Maris Stella College, Vijayawada on 29-05-**202**0.
17. Participated in A Two day Era Strategies for formulation and Implementation Organized by the Department of Commerce & Management, K.B.N. College Vijayawada in collaboration with Krishna University, Machilipatnam on 22nd & 23rd June **2020**.
18. Participated in the **webinar** on Proteomics- Biological Applications, Organized by the Department of Biotechnology, Genetics & Chemistry, on 27 May **2020**.
19. Actively participated in One Day **National Webinar** on "Insight into SARS Coronavirus-2: A Molecular update" On 10 June **2020**. Conducted by the Department of Zoology & Microbiology, Maris Stella College, Vijayawada.
20. Participated in the **International Webinar** on "How Near is the Corona End- Vaccines and Drugs on Trial" organized by the Department of Biotechnology, Maris Stella College, Vijayawada on 09-06-**2020**.
21. Participated in **Webinar** on Nutrition – IMMUNE BOOSTER TO FIGHT AGAINST VIRAL INFECTIONS organized by the Department of Nutrition & Dietetics on 2nd, June **2020**, In Association with IQAC- Ch.S.D.St. Theresa's College for Women (A), Eluru.
22. Participated in **International Webinar** on Economic and Psychological Challenges and Solutions - Post COVID 19 On 26/05/**2020** Department of Commerce Of Acharya Nagarjuna University, Guntur.
23. Nutrition – IMMUNE BOOSTER TO FIGHT AGAINST VIRAL INFECTIONS organized by the Department of Nutrition & Dietetics on 2nd, June **2020.**
24. Participated in a One-day **National Webinar** on MAPPING NEOTERIC VISUAL METHODOLOGIES IN TEACHING FOREIGN LANGUAGE on 28th June **2021.**

25. Attended the **National Webinar** on ECOSYSTEMS RESTORATION IN INDIA on the eve of World Environment day held on 5th June 2021 in association with Center for Environmental Education and Ecological Development (CEED), India, Prakruthi – The environmental club of Lakireddy Bali Reddy College of Engineering, Mylavaram. This programme is registered with the United Nations Environment Programme WED **2021.**
26. Participated in the **National Webinar** on "Biomedical Waste Impact during Pandemic Times" held on 12th June **2021** organized in association with Center for Environmental Education and Ecological Development (CEED), India, World Environmental Organization (WEO), Hyderabad, Telangana and Prakruthi – The environmental club of Lakireddy Bali Reddy College of Engineering, Mylavaram.
27. Participated in **Webinar** on Impacts of African Swine Fever (ASF) in India conducted by Centre for Disaster Management, Mizoram University held on 21st June **2021**.
28. Participated in a One-day **National Webinar** on MAPPING NEOTERIC VISUAL METHODOLOGIES IN TEACHING FOREIGN LANGUAGE on 28th June **2021.**
29. I attended a **"National Level One Day Webinar** on Introduction to the Current Trends in Experimental Pharmacology organized by IQAC Cell MET's IOP on July **2021.**
30. Participated in the One Day **National Webinar** on "Bioinformatics and Molecular tools to understand Plant Genome Diversity (NBMPGD-2021)" organized by Department of Biosciences & Biotechnology, University College of Arts & Science (UCAS), Krishna University, Machilipatnam on 12th August, **2021.**
31. Participated in the **Webinar** titled "CENTRAL DOGMA, GENE SILENCING AND MICROBIOMES" Organized by Department of Zoology and Botany, Andhra Loyola College, held on 23rd September, **2021.**
32. Participated in the 1st International E-Panel Discussion Programme organized on "Online Learning and its Positive & Negative Impact on Future Generation Education" on May 14th **2020** by International school of Management, Patna, Bihar, India.
33. Participated in the Webinar on Teachers for Future- Capacity Building Session Organized by Annammal College of education for Women, Thoothukudi on 27-05-**2020.**
34. Participated in the **National Webinar** on Pandemic and Disability: Challenges Ahead Organized by the Department of Political Science, Public Administration & Economics of SRR &CVR Govt. Degree College, Vijayawada on 29th May **2020.**
35. Participated in the **Webinar** on "A Paradigm Shift in the post COVID World" Organized by Department of Zoology, PITHAPUR RAJAH'S GOVERNMENT COLLEGE KAKINADA, through video conference held on 31th May **2020**.

36. Participated in the "Online National Level Quiz on "Environmental Science" on the occasion of World Environment Day June 5, 2020, Organized by IQAC and Department of Botany & Zoology of Bhusawal Arts, Science and P. O. Nahata Commerce College, Bhusawal, Dist. Jalgaon Maharashtra India on June 5th **2020.**
37. Participated in NATIONAL LEVEL ONLINE AWARENESS QUIZ PROGRAM: BASIC IN CELL BIOLOGY with Score 70%, Organized by Department of Zoology & IQAC of Rajarshi Chhatrapati Shahu College, Kolhapur, Maharashtra, on 22-5-**2020.**
38. Participated in National Level Online Quiz on COVID-19 Lockdown Boon for Environment and secured 70% Organized by the Dept. of Botany, K.B.N College, Vijayawada on 11th June **2020.**
39. I successfully completed the National Level E-Quiz on Chemistry organized by the Department of Physical Sciences, Kakatiya Institute of Technology and Science, Warangal, dated on 26-06-**2020** and secured 76%.
40. Participated in Zoology Quiz Online Series – IMMUNOLOGY Organized by the Dept. of Zoology on 10th July **2020.**
41. I successfully completed the "SPARK 2020" Online National Level Quiz Based on Electrical Engineering Organized by the Department of Humanities & Applied Sciences of K. C. College of Engineering & Management Studies & Research, Thane (E) on 5/22/**2020.**
42. Participation in "COVID-19 Awareness Quiz" organized online by Internal Quality Assurance Cell (IQAC), Government Science College Pardi, Killa-Pardi, Valsad, Gujarat, India and pledged for the commitment to contribute for the national cause as a responsible citizen of India on 27-5-**2020.**
43. Participated and qualified in the online quiz on "Chemistry aspects in Covid-19" conducted by Dept. of Chemistry, Govt. College for Women (A), Guntur on 6/2/**2020.**
44. Participation & excellent performance in the COVID-19 online awareness Quiz on 6/1/**2020** organized by Department of Zoology MAHARAJAH'S COLLEGE (AUTONOMOUS) Vijayanagaram.
45. Actively participated in the E-Quiz organized by the Department of Geography on "Basic Fundamentals of Geography" on dated **02-06-2020** and therefore he/she is honored with the Certificate, Adiwasi Shaikshanik Sanshodhan Sanstha's S. CHANDRA MAHILA MAHAVIDYALAYA, Amgaon Dist- Gondia (MS) Affiliated to Rashtrasant Tukdoji Maharaj Nagpur University, Nagpur.
46. Participated in E- Quiz on Accountancy conducted online by the Commerce Department, St Charles College of Science, Eraiyur, Ulundurpet Tk, Kallakurichi Dist. On 19-05-**2020** and has scored 85%.

47. Participated in E-Quiz on Learning, Teaching & Research Conducted by Dr. S.R. Ranganathan Memorial Quiz Club, Department of Library Guru Nanak College (Autonomous) Chennai, Tamil Naidu, India, with the score of 76% held on 28-05-**2020.**
48. Participated in "QUIZANTINE in QUARANTINE" Online Quiz on "Virus World – Pandemic Awareness" on 5/23/2020 with a score of 95% Organized by the Dept. of Biotechnology, St. Joseph's Degree College, Kurnool in the month of May **2020.**
49. Participated in National Level Online Quiz Competition On World Environment. I have been awarded Excellent Award Certificate for participating in the quiz and with the hope that he/she will serve the society in the National interest, JEEVAN VIKAS MAHAVIDYALAYA, DEVGRAM, Nagpur in the month of June **2020**.
50. Participated in National Level Online Quiz Competition organized on the occasion of World Environmental Day, 5th June **2021** conducted by Eco Ambassadors Club of Maris Stella College, Vijayawada.
51. Participated in a National Online Quiz organized on the occasion of World Environment Day, 5th June **2021** conducted by Eco Ambassadors Club of Maris Stella College, Vijayawada.
52. Participated in IP Awareness/**Training program** under National Intellectual Property Awareness Mission on January 29, **2025** Organized by Intellectual Property Office, India.
53. Participated in the Five Day National Level Webinar cum Faculty Development Programme on **Transformative Education for the Future: Innovations in Pedagogy, Research & Knowledge Creation,** Organized by JMJ College for Women (A), Tenali Andhra Pradesh, on 28th July – 01st August **2025**.
54. Participated in the two-day National Webinar on **Ancient Wisdom for Modern Challenges: An Interdisciplinary Approach,** held on September 15-16, 2025 Organized by the IKS Cell in association with the IQAC.
55. Participated in the Two-week (3rd – 14th November, 2025) **Virtual Faculty Development Programme on Applications of Artificial Intelligence** Organized by the IQAC in Collaboration with the Dept. of Computer Science, Yeswanthpur Campus, Christ University.
56. Participated in the Five-Day International Online FDP Titled **"The Mindful Mentor- A Proactive Framework for Fostering Student Resilience and Mental Well-Being"** Organized by the Departments of Home Science and Physical Education, JMJ College for Women (Autonomous), Tenali, from November 11th-15th, 2025.

VIII Research Contribution

(i) Area(s) of Research:

(ii) Research Projects Done:

(iii) Research Papers Published:

1. K. Suresh Babu, K. Sunita, N. Baratha Jyothi and G. Sravani (**2017**). A Report on Mortality Cases Of HIV-1 Infected Adolescents and Adults Attending Govt. General Hospital, Guntur, Andhra Pradesh, India. Eur. j. biomed. Pharm., Volume 4, Issue 6, 452-461.
2. P.V.V. Satish, G. Sravani and K. Sunita. (**2018**). Assessment of Acute Toxicity and Behavioral Changes in Freshwater Fish Channa Punctata Exposed to Organophosphate Pesticide, Acephate. Int. J. Zoo. Appl Biosci., Volume 3, Issue 3, 380-386.
3. P.V.V. Satish, G. Sravani, B. Ajay Babu and K. Sunita (**2018**). Hematological Alterations After Exposure Periods of Acephate in Freshwater Snake Headed Fish, Channa Punctata. Int. J. Zoo. Appl Biosci, Volume 3, Issue 4, pp: 302-311.
4. K. Sunita, N. Baratha Jyothi1, G. Sravani and P. Brahmam (**2018**). Highly Active Antiretroviral Therapy (HAART) Regimens Prescribed in Study Subjects Attending Government General Hospital, Vijayawada, Andhra Pradesh, India, Uttar Pradesh J. Zoo, 38(3): 114-123, ISSN: 0256-971X (P).
5. K. Sunita, N. Baratha Jyothi, G. Sravani and P. Brahmam (**2019**). Effect of Highly Active Antiretroviral Therapy (HAART) on CD4 count in HIV/AIDS infected children attending government general hospital, Vijayawada, Andhra Pradesh, India, Int. j. basic appl. res, ISSN 2249-3352 (P) 2278-0505 (E).
6. P. Brahmam, K. Sunita, N. Ravi Kumar and G. Sravani (**2019**). In vitro Antimalarial Activity of Pergularia Daemia (L.) Against Chloroquine-Sensitive (3d7) and Chloroquine-Resistant (K1) Strains of Plasmodium Falciparum, Uttar pradesh j. Zool, 39(2): 54-63, ISSN: 0256-971X (P).
7. A Rajeswari, G Sravani and K Sunita (**2020**). Studies on acute toxicity of glyphosate (Glycil 41%SL) impact on freshwater fish Cirrhinus mrigala, Int. J. Fish. Aquat, 8(2): 172-176.
8. N. Ravi Kumar, K. Sunita and G. Sravani (**2020**). Seasonal Variation on Malaria Incidence in District and Tribal Areas of Srikakulum, Andhra Pradesh, India, World. J. Pharm. Pharm. Sci., Volume 9, Issue 8, 2029-2040.
9. S.K Sabeeha Begum, N. Barathajyothi, R. Tulasi, A. Sarala and G. Sravani (**2021**). A study on development and validation of RP- HPLC method for the estimation of Cefpodoxime in bulk and a pharmaceutical dosage forms, AJOAIMS, Vol. 3, Issue 4.
10. Sravani G. and Sunita K. (**2022)**. Qualitative and Quantitative Analysis of Phytochemicals and In Vitro antioxidant activity in Schefflera arboricola. World. J. Pharm. Res., Vol. 11, Issue 4, 1403-1421.

11. Sravani G., Rajeswari A., Kanaka Raju A. and Sunita K. (**2022**). In Vitro antidiabetic and anti-inflammatory activity of methanolic and aqueous extracts of Schefflera arboricola. Eur. J. Pharm. Med. Res., Vol. 9, Issue 4, 418-422.

(iv) Research Papers Presented:

1. Presented a Paper (Poster presentation-AMP8) on "Generating Consciousness on Dengue Fever" in National Seminar on Plant-Microbe Interaction, Environmental Conservation-Challenges and Strategies (PMECS 2017) held at Department of Botany & Microbiology, Acharya Nagarjuna University, Guntur, on 17th - 18th Mar **2017.**
2. Presented a Paper (Oral presentation) on "Report on Mortality cases of children attendees of GGH, Vijayawada, Andhra Pradesh., India", in UGC Sponsored Two-Day National seminar on Recent Innovations and Future Prospects in Animal Sciences, Organized by the Department of Zoology Kakatiya University, Warangal, Telangana State, from 26th -27th Sep **2018.**
3. Presented a Paper (Oral presentation) on Antiplasmodial efficacy of Calotropis gigantea (L.) against Plasmodium falciparum (3D7 strain) and Plasmodium Berghei (ANKA) in International Symposium on Biodiversity of Medicinal Plants & Orchids : Emerging Trends & Challenges (BMPO 2018) Organized by the Department of Botany & Microbiology, Acharya Nagarjuna University, Guntur, from 9th -11th, Feb **2018.**
4. Presented a Paper (Oral presentation) on Assessment of acute toxicity and behavioral changes in freshwater fish Channa Punctata exposed to organophosphate pesticide, Acephate in National seminar on Recent Trends in Applied Biology (NSRTAB) Organized by the University college of Science and Technology Adikavi Nannaya University, Rajamahendravaram, East Godavari District., Andhra Pradesh, from 16th -17th Aug **2018.**
5. Presented a Paper (Poster) on Preliminary phytochemical analysis, Quantitative estimation of phytochemical compounds and Anti-oxidant activity using DPPH radical scavenging assay of different solvent extracts of leaf and stem of Schefflera arboricola (Hayata) Merr., in the UGC Sponsored National Seminar on "Existing and Emerging Trends in Animal toxicological Studies and Regulatory Toxicology", Organized by Department of Pharmacology, University college of Pharmaceutical Sciences, From 30 -31 Mar **2021.**
6. Presented a paper (Oral) on Variation in body weight, fasting blood glucose levels and some haematological parameters in streptozotocin induced diabetic rats, treated with Schefflera arboricola in UGC sponsored national seminar on Immunology, Aquatic toxicology and Biodiversity, Organized by Department of Zoology and Aquaculture, Acharya Nagarjuna University, Nagarjuna Nagar-522510, on 09th-10th Feb, **2023.**

7. Presented a Paper (Poster presentation) on Effect of HAART on CD4 count in HIV/AIDS study subjects attending Government General Hospital, Vijayawada, and Andhra Pradesh, India, in the Andhra Pradesh Science Congress (APSC) **2017** held at Andhra University, Visakhapatnam during 7th - 9th Nov.
8. Presented a Paper (Oral presentation) on Highly Active Antiretroviral Therapy (HARRT) Regimens Prescribed in study subjects Attending Government General Hospital, Vijayawada, Andhra Pradesh, India in National Conference on Harmony With Nature in Context of Environmental Issues and Challenges (HARMONY -2017) Organized by the Department of Zoology, Kakatiya University, Warangal, from 21st -23rd Dec **2017.**
9. Presented a Paper (Poster presentation) Cytotoxicity Evaluation of Prosopis cineraria (L) Druce against Brine Shrimp under Plant Sciences in 106th Indian Science Congress, held at Lovely Professional University, Jalandhar, Punjab, during 3rd – 7th Jan **2019.**
10. Participate as Invited Delegate and delivered talk entitled "In Vitro Antidiabetic and anti-inflammatory activity of methanolic and aqueous extracts of *Schefflera arboricola"* in 5th ICRTLSB of 8th Annual meeting of IAZ on December 12-14, 2024, Organized by the Department of Bio-Sciences and Technology, M.M.E.C, Mullana-Ambala (HR), India.
11. Presented a Paper (Oral presentation) Harnessing Nature: Unveiling the Hypoglycemic Efficacy of Methanolic Stem Extracts- Evidence from Experimental Studies in Diabetic Rat Models in the two day international conference on 'Innovations in life science research: Harnessing transformative technologies for a sustainable future (LIFT-2025)', organized by the department of biotechnology held on 11& 12 March, 2025.
12. Presented a paper **(**Oral Presentation) on "Transforming the Management of Septicemia: Revolutionary Approaches in Prevention, Diagnosis and Therapy." in the *Two-Day National Conference on Artificial Intelligence and Machine Learning for Life Sciences,* organized by the Departments of Life Sciences, P.B. Siddhartha College of Arts and Science, Vijayawada, held on 23–24 August 2025.
13. Presented a Paper (Oral Presentation) on "Translational Insights in Drug Discovery and Development. In the *Two-Day National Conference on Artificial Intelligence and Machine Learning for Life Sciences,* organized by Departments of Botany and Biochemistry, S.R.R. & C.V.R. Government Degree College (A), Vijayawada, Andhra Pradesh, held on 14–15 November 2025.

(v) Books/Chapters in Books Published:

1. A Study on Thyroid: The Culprit. Emerging Trends & Technologies in Life Sciences (2023). Pages: 84-94. ISBN: 978-93-93636-03-4.

2. A Clinical Survey on Incidence of Filarial in General Population of East Godavari District, Andhra Pradesh, India (2023). G. Sravani, K. Sunita, N. Baratha Jyothi. ISBN: 978-93-90188-30-7; Multidisciplinary Researches, Page No: 63-67.

(vi) Research Guide ship:

No. of students guided for M. Phil: 0

No. of students awarded M. Phil: 0

No. of students guided for PhD: 0 No.

of students awarded PhD: 0

IX Consultancy: Nil

X Certificate Courses Done

1. **S**uccessfully completed a 12-week online certificate course on "Host–Pathogen Interaction (Immunology)" from January to April 2025, offered by SWAYAM–NPTEL, with a consolidated score of 53%.

2. Successfully completed a 12-week online certificate course on "Wild Life Ecology" from July to October 2025, offered by SWAYAM–NPTEL, Funded by the MoE, Govt. of India with a consolidated score of 84%.

XI Workshops/Conferences/Seminars Organized:

XII Awards & Recognitions