PROFILE

Name: Ms.Kiranmai Tamma

Educational Qualifications: M.Sc.,B.Ed

Designation: Assistant Professor & HoD Dept.Botany

Date of joining Maris Stella: 23.06.2023

Years of experience in Maris Stella: 3 years

Academic Profile

Course	Institution	Board/University	Year of Passing	Percentage (%)
M.Sc. (BioTech)	M.G.R College of Arts & Science	Periyar University	2011	86%
M.Sc.(Botany)	A.N.University	A.N.U	2026	75%
B.Ed.	Bhongir College	M.G.U.	2021	89.3%
B.Sc. (BioTech)	St. Ann's Degree College, Guntur	Acharya Nagarjuna University	2008	79.2%
Intermediate (Bi.P.C)	R.K.S.J College, Guntur	State Board	2005	71.4%
SSC	Z.P. High School, Guntur	Board of Secondary Education, Guntur	2003	72.8%

EXPERIENCE IN OTHER INSTITUTIONS

- Worked as a lecturer in Biotechnology at S.R Degree College,Hyderabad, for the academic year 2018-2020.
- Worked as a Junior Lecturer in English & Biology at Vismaya Academy, Chandapura, Bangalore, for the academic year 2015-2018.
- Worked as a Quality Controller in Biocon ,Bangalore from 2012-2015.

ACADEMIC CONTRIBUTION

- Member of the Green Campus Committee: 2024 – 2025
- Coordinator for Junior Red Cross 2024-2026
- Member of Board of Studies in Department of Zoology 2023-2026.
- Chair Person in BoS Botany from 2023-2026

AWARDS

- Received "Young Faculty Excellence Award" by Sidvi Foundation on Guru Prathibha Puraskar 2024 An International Award Ceremony on Birth Anniversary of Bharat Ratna Dr. Savepalli Radhakrishnan.
- Received "Women Educationist Excellence Award" by Sidvi Foundation on An International Award Ceremony Adwitiyah Naari-2025 on the Eve of International Womens Day.
- Received "Best Teacher Award" by Bharatiya Chaitanya Yuvajana Party On the occasion of International Teachers Day.
- Received "Certificate of Excellence" by World Book of Records London On Let's Celebrate Ganesh Chaturthi Eco-Friendly Way.

PATENTS

https://drive.google.com/drive/folders/1i87GH0hHEQZfMNODg7vicatrmAM7WMIW?usp=sharing

- Kiranmai Tamma got Patent rights on "Clinical Centrifuge Machine With Timer"
- Kiranmai Tamma got Patent rights on "Design and Development of a Functional Dragon Fruit Jam-A Natural Powerful Antioxidant &Fiber Rich Delight(Dragon Boost Jam)"
- Kiranmai Tamma got Patent on "The Imperial Capillora Elite – a Multi-Herbal Hair Dye Powder for Pigmentation,Follicular Nourishment and Scalp Protection"

WORKSHOPS / FDPs / TRAINING PROGRAMMES ATTENDED

1. Participated in the Two- Day International Conference on" **INNOVATIONS IN LIFE SCIENCE RESEARCH"**: Harnessing Transformative Technologies for a Sustainable Future (LIFT-2025).

2. Participated in "International Conference on Multidisciplinary Innovative Research & Practice for Sustainable Development 2024".

3. Participated in One-Day National Seminar "Unleashing The Power of Intellectual Property in the Digital Era" , Maris Stella College, Feb 2024.

4. Participated in one day National IP Awarness Programme" National Intellectual Property Awareness Mission"Organized by NIPAM(National IP Awareness Mission) on Jan 29,2025.

5. Participated in International Conference ICOC'25 on Organisational Culture,Work Values and Organisational Performance in Higher Education Institutions. August 06.8.25 – 08.08.25,Christ Deemed to be University, Bangalore.

6. Participated in Six-Day Faculty Development Programme on Gender Sensitization and protection of the vulnerable Organised by All India Association for Christian Higher Education(AIACHE) from 1.12.2025 to 6.12.2025.

(i) PUBLICATIONS:

1. Kiranmai Tamma,Dr.Baratha Jyothi Naladi,On 'Prevelence of Opportunistic Infections in Relation to CD4 Count',International Journal of Food and Nutritional Sciences,ISSN:2319-1775,Volume 11,Issue10,2022,Pages:5718-5728.
2. Dr.Baratha Jyothi Naladi,N.Satyavedam,Kiranmai Tamma,On 'An HIV-Positive Mother's Child Experiencing a Cyanosis Crisis:An Economoic Burden',African Journal of Biological Science,ISSN:2394-3211,Volume 12,Issue 07,2023,Pages:559-567.
3. Dr.Baratha Jyothi Naladi,Dr.Brahmam Pasumarthi,Kiranmai Tamma, On 'Association Between Experienced HIV Stigma, Resulting Consequences,and the HIV Care:A Case Report',African Journal of Biological Sciences,ISSN:2663-2187,Volume 6,Issue 10,2024,Pages:3634 of 5.
4. Dr.Pawanjeet,Dr.Prashant RambhauMahalle,Ganta Anusha,Dr.Amit Kumar Dutta, Mamidi Sushma,Kiranmai Tamma On Novel Organic Synthesis Techniques for Complex Molecules,ISSN:2663-2187,Volume 6,Issue Si4 2024,Pages:2380 of 18.
5. Dr.Baratha Jyothi N,B.Karuna Harika,Kiranmai Tamma, On 'Menstrual Hygiene Practices in Rural Adolescent Girls at Nidamanuru',International Journal for Innovative Engineering and Management Research,ISSN:2456-5083,Volume 13,Issue 07,2024,Pages:85-94.
6. Kiranmai Tamma On 'Microbial Biosynthesis of Novel Bioactive Compounds' Advances in Bioresearch',ISSN:2663-2187, Volume 15(4), July 2024, Pages: 309-321
7. Kiranmai Tamma, Dr.G.Ponni On Green Synthesis and characterisation of Silver nanoparticles derived from Azadirachta indica Leaf extract for antimicrobial applications.Souvenir Publication,ISBN:9 789354 698927.
8. Kiranmai Tamma published a paper in the International Conference on Resilient for Subsistence Environment titled "General Outline: Integrating Physics Principles with Smart Water Management and Clean Energy Transitions." The paper was published by Atlantis Press, a part of Springer Nature, with ISBN: 978-94-6239-606-7, ISSN: 2468-5747, and DOI: 10.2991/978-94-6239-606-7_4 on March 5, 2026.
9. Kiranmai Tamma published a paper in the International Conference on Resilient for Subsistence Environment titled "Nature-based Solutions for Biodiversity Conservation: An Overview." The paper was published by Atlantis Press, a part of Springer Nature, with ISBN: 978-94-6239-606-7, ISSN: 2468-5747, and DOI: 10.2991/978-94-6239-606-7_11 on March

5, 2026.

10. Kiranmai Tamma published five book chapters Titled 1.Nature Reimagined:From Survival to Sustainability Pg No;48-52,2.Agriculture in Transition;From Soil to System Pg No;53-57 3.From Fate to Destiny Pg No;70-73. 4.Governing Change;From King ship to Algorithms Pg No; 120-123.5. Before and After ;A Technological Divide Pg No 136-138. in the book titled Epoch of Transformation, published by ESN Publications with ISBN: 978-93-49421-19-6.

PAPERS PRESENTED

1. Participated and presented a paper on "Effect of Diet on Gut Microbiome in Different Diseases " in Two- day ' National Seminar on Recent Trends in Microbial Therapeutics and Probiotics', Organized by Microbiology Department, Andhra Loyola College during Feb 16-17.2024
2. Participated and presented a paper on "Eco Friendly Textile Dying Using Conocarpus Leaf Extract: A Sustainable Alternative to Synthetic Dyes" in 2nd International Conference on Climate change and Environmental Protection-2025 organized by Sidvi Foundation
3. Participated and presented a paper on "Seroprevalence of Oppurtunistic Infections in Relation to CD4 Count among the HIV Infected Subjects" in 5th International Conference on 'Recent Trends in Life Sciences and Biotechnology' organized by the Department of Biosciences and Technology, Maharshi Markandeshwar(Deemed to be University), Mullana –Ambala(HR), during 12, Dec, 2024.
4. Participated and presented a paper on " The Role and Importance of Herbal Medicine in the Education of Undergraduate Students"in International Conference on Science & Technology for Sustainable Development (ICSTSD-2025),during 12,Nov,2024.
5. Partcipated and Presented apaper on "A Study on Potato blight pathogen disables plant cells alarm system" in International Award Ceremony EKTA-2025.
6. Participated and presented a paper on "Green Synthesis and Characterization of Silver Nanoparticles from Azadirachta Indica leaf extract for antimicrobial activity" in the International Conference on Resilient Innovations for Subsistence Environment(ICRISE-2025)held on 21/11/2025 to 22/11/2025.

NPTEL- SWAYAM COURSES DONE

1. Completed successfully eight-week online certificate course, "Cancer Fundamentals" Aug-Sep 2024 with a consolidation score of 92% .
2. Completed 'Sustainable Ground Water Management' Aug 2025 – Nov 2025. Certificate Course on SWAYAM and got Elite Silver Certification with FDP Certification.
3. Pursuing "Post Harvest Operations and Processing of Fruits,Vegetables,Spices and Plantation

Crop Products" Certificate Course in SWAYAM on August-2026.

CERTIFICATE COURSES DONE

1. Successfully completed an online certificate course, 'Infectious Disease Transmission Models for Decision-Makers' on 18 May 2024 offered by Johns Hopkins University through Courseera.
2. Successfully completed four-week certificate course, 'Introduction to Artificial Intelligence 'On May 1 2024, offered by the Infosys, Springboard.
3. Successfully completed a five-week online 'Medical Microbiology', May 9 2024 offered by the Infosys, Springboard.
4. Successfully completed eight-week online certificate course, 'Introduction to Forensic Science' June 19 2024 offered by Nanyang Technological University, Singapore through Courseera.
5. Successfully completed eight-week online certificate course, 'Introduction to Psychology' June 12 2024 offered by Yale University, US through Courseera.
6. Successfully completed Online Certificate Course'Indian Sign Language'April 25 2025 by Infosys Springboard.