PROFILE



Name: Ms. D. Santha Kumari
Educational Qualification: M.Sc., B.Ed.(Ph.D)
Designation: Assistant Professor &Vice Principal,Intermediate
Department: Chemistry
Date of joining Maris Stella:03.06.2010 & 19.06.2019

I Academics

Degree	Institution/University	Year
MSc Chemistry	CHSD St Theresas college for woman,(Affiliated to Andhra Universit Eluru	2010
Ph.D in Chemistry(persuing)	Acharya Nagarjuna university	2026

II Professional Experience

Position Held	Institution	Year
Lecturer in Chemistry	Maris Stella College	2010-2013 & 2019-tilldate
Vice Principal, Intermediate	Maris Stella College	2026

III Academic & Administrative Roles at Maris Stella

- Member of BoS in Chemistry
- In charge of co - curricular activity dance: 2011- 13
- Incharge of extra - curricular activity sports and games: 2020- 22
- Member in green campus programme: 2021-22
- Member in eco club: 2021-22
- Member in Alchemi club : 2019-22
- In charge of certificate course:2022-23
- In charge of yoga:2022-23,2023-24,2024-25
- Member of the Examination Committee: 2024-25
- Member in Academic Council: 2022-2023; 2024-25
- Coordinator for Minority cell:2024-25
- Member in cultural committee:2024-25
- Intermediate Vice Principal:2026

IV Academic Contributions to other Institutions

- External examiner for practicals in Chemistry for other institutions.
- Assistant examiner in chemistry for Theory & practical for Board of Intermediate Education.
- Paper setter for all semesters in chemistry theory other institutions.
- Evaluator for all semesters in chemistry theory for other institutions.

V Professional Memberships -Nil

VI Refresher Courses / Orientation Courses / Short Term Courses Done

- Attended National online FDP/ **refresher course** on Enhancing Quality of chemistry in India offered by Centres of Ministry of education, Govt. of India. from 25.02.2021 – 03.03.2021.

VII Workshops / FDPs / Training Programmes Attended

1. Participated in a Five-days Faculty Development Programme titled ‘’Unleashing the AI-Ready Faculty: A Multidisciplinary Deep Dive into the Future of Education’’held from 1st - 5th June, 2026 by Xaviour board of higher education.
2. Participated in 5 day online international workshop on cutting -edge techniques in NMR& Mass spectrometry organised by VIT AP university during 1.07.2025 to 5.07.2025.
3. Participated in the 5day online FDP on New horizons in green material technology organised by the C.H.S.D St. Theresa’s college for women, Eluru during 8.12.2025 to 12.12.2025.
4. Participated in two day the National conference on AI and machine learning for life sciences (AIMLS)Organised by SRR&CVR govt degree college, Vijayawada held on 14.11.2025 &15.11.2025.
5. Participated in a two-day workshop on advancements in chemistry and hands in training using chem draw, MathType &origin in scientific research organised by LBRCE during 16.07.2025&17.07.2025.
6. Participated in one week national level online FDP innovative and effective teaching techniques organised by learn Edutech institute in collaboration with SIDVI foundation during 19.06.2025 - 25.06.2025
7. Attended 5day leadership training programme E.D.G.E by the Christ university Bengaluru from 12.05.2025 -16.05.2025
8. Attended one-day Training programme on NTA-NET Paper -1 on 25.05.2020 organised by the dept of Commerce, St.Claret college, Bengaluru.
9. Participated in Three-day National Workshop on ‘The AI Educator's Toolkit: Enhancing Learning & Advancing Research’ organised by the IQAC from 21st Nov. to 23rd Nov. 2023.

10. Participated in the Two-day Capacity-Building Workshop on 'Andrew Furco's Self-Assessment Rubric for the Institutionalization of Service-Learning in Higher Education' organised by the IQAC and sponsored by the United Board from 4th Dec. to 5th Dec. 2023.
11. Participated in One Day National Seminar on "Unleashing the Power of Intellectual Property in the Digital Era", 20 FEBRUARY 2024. BY PG DEPARTMENT OF BUSINESS ADMINISTRATION
12. Participated in one-day workshop on 'Research Insights & Publication' on 22 Feb. 2024 organised by Research & Ethics Committee in association with IQAC.
13. Attended one day Online national conference on Applications of Quantum chemistry on 03.05.2020 organised by the dept. of chemistry, Shri Pancham Khemraj Maha vidhyalaya, Sawantwadi.
14. Participated in 5day international workshop on Emotional management from 9.04.2020-13.04.2020 organised by Manobathi, Indian institute of child and welfare, west bengal.
15. Participated in one day national webinar on Roll of us in academic planning and execution in view of COVID 19 on 09.05.2020 organised by KGRL college, Bhimavaram.
16. Participated in one day national webinar on the role of chemistry in sanitisation and personal hygene in context of COVID-19 on 19.05.2020. Organised by the dept. of chemistry B.S.N.V.P.G College, Lucknow
17. Participated in one day national webinar on Advances in material science on 20.05.2020 organised by the Dept. of chemistry Maharshi Dayanand college of arts and science.
18. Participated in one day international webinar on Scientific avenue to COVID-19 organised by the dept. of chemistry (PG) and Zoology, K. S. D. Mahila kalasala, Tanuku
19. Attended one day online work shop on basic introduction to MOODLE on 12.05.2020 organized by IQAC, Marian college, Kuttikanam.
20. Attended one day webinar on Applications of ICT in Chemistry for undergraduates on 14.05.2020. organised by Dept.of chemistry Stella Maris college, Chennai.
21. Participated in one day national webinar on Consequences of COVID 19 on Indian economy in Banking and retail sectors. On 27.05.2020, organised by the dept of IQAC. SKR &SKR Govt. degree college, kadapa.
22. Participated in Two Day National Webinar (FDP) on 'Analytical and Diagnostic Tools in Chemical and life Sciences' organized by Andhra University, Visakhapatnam and Andhra Pradesh Akademi of Sciences from 5.6.2020 to 6.6.2020.
23. Participated in Webinar organized by St.Vincent De Paul College, Eluru on 'Free Online Tools Useful for Effective Chemistry Lecturing' on 19.07.2020.
24. Participated in 5day online workshop in 'Digital assessment tool through Examineer software' from 17-21 August, 2020.organised by IQAC, Maris Stella college, Vijayawada.

25. Participated in 6days online International Workshop on Research methodology in science from 5th-to 10th October 2020 organized by ARETEX scientific international Pvt. Ltd.
26. Participated in Two Day National Webinar on 'Impact of Physics in Healthcare' organized by department of physics, Maris stella college, Vijayawada. In Collaboration with 'Emtron Technologies', Mumbai from 14th – 16th October, 2020.
27. Participated in 5day online workshop in 'Formal Written Communication' from 19th-23th October, 2020.organised by IQAC, Maris Stella college, Vijayawada.in collaboration with Christ university, Bangalore.
28. Attended Online Workshop Digital Assessment through Examineer Software offered by Maris Stella College on17.08.2020 to 21.08.202
29. Attended an Online Workshop on Question Bank Preparation and Validation Maris Stella College from31-08.2020 to 04.09. 2020
30. Workshop on Service Learning by Maris Stella College on 11.01.2021 & 12.01.2021.
31. Workshop on Capacity Building in Higher by Education Maris Stella College on 05.03.2021 to 06.03.2021.
32. Attended a Five-day national FDP on Employability: An essential skill for professional development from 26.04.2020-30.042020 organised by Vishwa Bharathi Research centre
33. Attended A Two-day FDP on 2.0 organised by the North storm academy from 13.05.2020 & 14.05.2020.
34. Participated in 5day FDP on Evolution from offline to online from 30.05.2020-03.06.2020 organised by the dept of IQAC, Sathish Prodan Dhyana sadhana College, Thane
35. Participated in Five – Day online faculty development programme from 30.05.2020 -03.06.2020 on the topic 'Evolution of offline teaching to online teaching 'organized by Satish Pradhan Dhyana sadhana college , Thane . in association with University of Mumbai and Yashwantrao Chavan Maharashtra University
36. Participated in National Online FDP on 'Mentoring skills" organized by the departments of Political science and Journalism, Maris Stella College, Vijayawada from 1st – 3rd June 2020.
37. Participated in "Five day FDP in Chemistry" on the theme of "New knowledge, Advanced teaching and Research: New frontiers and Emerging technologies" from 1.07.2020-05.07.2020. Organized by Commissionerate of Collegiate Education, AP, Vijayawada.
38. Attended a one-week national FDP on Effective and quality research writing Organised by the dept. of commerce and IQAC Patrician college, Chennai.

VIII Research Contribution

(i) Area(s) of Research: NIL

(ii) Research Projects Done: NIL

(iii) Research Papers Published: 01

- Published a paper titled "Chemometric approach of method development and validation of VENETOCLAX and OBINUTUZUMAB by using HPLC in

bulk and pharmaceutical dosage form" in Analytical chemistry letters, with ISSN NO:1006-6748, Impact factor:5.6, HTL Journal, Volume 31,on December 2025.

(iv) Research Papers Presented:

- Presented a paper in National conference on recent research advancements in computational sciences – NCRRACS -2024, on "Water -Analysis- an unravelling insight for quality assessment" on 27th February 2024 organised by department of computer science.
- Participated and presented a paper in the two-day international conference on chemistry innovation: current developments, challenges &future perspectives (ICCI-25) organised by the Bishop Haber college, St. Joseph's college & Christ college on 15.09.2025&16.09.2025, Tiruchirappalli.
- Participated and presented a paper in the two day international conference on FPCBS-2025, Organised by AKNU on 5.12.2025&6.12.2025.

(v) Books / Chapters in Books Published: 2

- Authored a book chapter entitled DOLUTEGRAVIR: A new HIV integrase for the treatment of HIV Infection, published by ESN Publications with ISBN 978-93-90188-30-7
- Authored a book chapter entitled EPOCH OF TRANSFORMATION from Ancients to the Age of Tomorrow - published by ESN Publications with ISBN 978-93-49421-19-6.

(vi) Research Guideship: NIL

XI Consultancy: NIL

X Certificate Courses Done -01

1. Completed certificate course on Employability an essential skill for professional development conducted by the trust Vishwa Bharathi research centre.

XI Workshops / Conferences / Seminars Organised -04

1. Organised an awareness session on minority welfare schemes on 13th March 2025
2. Organized one-day workshop on "Technologies and Insights Through Simple Experiments for the Prosperity of Society" on 26.02.2024.
3. Organized one day workshop "Pathways to Research: Alumni Guidance" on 18.7.2024.
4. Organized a Two-Day Online National Workshop on "ChemDraw, Origin & MathType: Empowering Research & Teaching" on 17 and 18 September 2025 through Google Meet.

XII Awards & Recognitions -NIL

XIII Patents

- Published a patent on “An efficient electro catalyst for the hydrogen evolution reaction using palladium nano particles supported on Nafion -functionalised vulcan carbon black” with the applicaton number - 202641052367 on 2026.