

Personal Information

Name	Mrs.B.Anna Tanuja Safala
Years of Experience	Teaching: 15.7 Y
Email Id	tanujasafala.b@bvrithyderabad.edu.in
Areas of Specialization	Physical Chemistry



Educational Qualifications

Doctoral Degree		Pursuing Ph.D from GITAM ,Hyderabad (Deemed to be University)
PG Degree	M.Sc	Chemistry
UG Degree	B.Sc	Botany ,Zoology ,Chemistry

Papers Published

Journal Publications – SCI indexed, Q1 journals

1. **Bodapati, Anna Tanuja Safala**, Bijaya Ketan Sahoo, Srinivas Reddy Ragaiahgari, Lavanya Kandikonda, and Shravya Rao Madku. "Deciphering the nature of binding of dextansoprazole with DNA: Biophysical and docking approaches." International Journal of Biological Macromolecules 217 (2022): 1027-1036. <https://doi.org/10.1016/j.ijbiomac.2022.07.177> (IF-8.02)
2. **Bodapati, Anna Tanuja Safala**, Ragaiahgari Srinivas Reddy, Kandikonda Lavanya, Shravya Rao Madku, and Bijaya Ketan Sahoo. "A comprehensive biophysical and theoretical study on the binding of dextansoprazole with human serum albumin." Journal of Molecular Liquids (2023): 121777. <https://doi.org/10.1016/j.molliq.2023.121777> (IF-6.6)
3. Madku, Shravya Rao, Bijaya Ketan Sahoo, K. Lavanya, Ragaiahgari Srinivas Reddy, and **Anna Tanuja Safala Bodapati**. "DNA binding studies of antifungal drug posaconazole using spectroscopic and molecular docking methods." International Journal of Biological Macromolecules 225 (2023): 745-756. <https://doi.org/10.1016/j.ijbiomac.2022.11.137> (IF-8.02)
4. K. Lavanya and Jagadeesan Saranya and **Anna Tanuja Safala Bodapati** and Ragaiahgari Srinivas Reddy and Shravya Rao Madku and Bijaya Ketan Sahoo. "Biophysical insights on the interaction of anticoagulant drug dicoumarol with calf thymus-DNA: deciphering the binding mode and binding force with thermodynamics." Journal of Biomolecular Structure and Dynamics, 1-12. <https://doi.org/10.1080/07391102.2023.2199872> (IF-5.3)

International Conference Publications

1. Ms. V. Madhavi and Ms. B. Anna Tanuja Safala on 'Biogenic Silver nano particles by Luffa accutangula peel extracts and their antibacterial activity' with paper code 090in International Conference on Recent Trends in Engineering and Science held during 20th to 21st February 2018.
2. Ms. B. Anna Tanuja Safala and Ms. V. Malathi on 'Water Hyacinth - Sustainable Applications' held during 11th to 13th July 2016, Organised by ICRACACE - 2016 at JNTUH

National Conference Publications

1. Ms. V. Madhavi and Ms. B. Anna Tanuja Safala on 'Chemical synthesis and characterization of iron based nano and micro particles' with page no 153-155 in the Third National Conference on Applied Physics and Materials Science held during 7th and 8th August 2015.

FDP's Attended / Conducted

1. One week Faculty development Programme (Funded by the Ministry of HRD ,Govt of India) on Surface engineering of Nanomaterials through NPTEL online certification course with Elite certificate .
2. Two week Faculty development Programme organized by Centre for Entrepreneurship Development (CED) ,Hyderabad in association with NSTEDB ,Govt.of India
3. Three day Workshop “To Train the Trainers for implementation of Induction program in the Affiliated colleges of JNTUH organized by TEQUIP –III JNTUH on 17th to 19th May 2018
4. Three day workshop on “Scientific educational practices at VEIDC, SVES from 14th to 16th April 2016.
5. National Conference on Materials for specific applications under TEQIP-II during 29th to 30th March’2016 organized by Gokaraju Rangaraju Institute of Engineering and Technology, Hyderabad.
6. International Conference on Environment and Energy ICEE 2014 held on 15th -17th December 2014 at JNTU HYDERABAD.
7. one day National level Workshop on “Emerging Trends in Nanotechnology” organized by CMR Engineering College, Hyderabad held on 24th August 2013.
8. One day IEEE-WIE Colloquium on “Arise, Awake and Act on Crime Against Women” organized by BVRIT HYDERABAD College of Engineering for Women, Bachupally held on 7th February’2013
9. Attended 2nd International Conference on Water and Waste Management along with 10 Students during 17-19 February 2020.
10. Attended FDP conducted by GRIET ,Hyderabad on Trends in Corrosion Chemistry and Drug Discovery held on 27 Jan 2020.
11. Completed Level Two Certification in Tide –Turners Plastic Challenge
12. One Day Swachhta Action Plan Online Workshop Conducted Mahatma Gandhi National Council of Rural Education Department of Higher Education Ministry of Human Resource Development, Government of India
13. Attended FDP on Sustainability Commitment in Educational Campus organized by center for Science and Environment
14. “Emerging Trends in Sciences - Usage of Research Tools and Techniques” organized by Vardhaman College of Engineering
15. Completed Five Days Online Faculty Development Program On ‘Mentoring and Facilitation Skills for Institutional Social Responsibility and Community Engagement’ June 24-28, 2020 .
16. Attended National webcast: Recent Advances in Modern Analytical Techniques during 22nd June to 24th June 2020

17. Workshop on NMR Spectroscopy Software Genesis of Educational Impressions Roorkee, Uttarakhand, India
18. Participated in the workshop on “Writing Literature Review Article : Weekend” presented by Mr. Daniel C, Director, Manuscriptpedia, Jointly organized by Cape Institute of Technology, Leveingipuram and Manuscriptpedia On 16 th May, 2020 through online pedagogy.
19. Participated in One Week Faculty Development Program on “Emerging Trends in Sciences - Usage of Research Tools and Techniques”, organised by Department of Freshman Engineering, Vardhaman College of Engineering, Hyderabad, during 15th – 20th June, 2020. Your participation in this event is highly appreciable.
20. participated and successfully completed the online workshop on Universal Human Value on the theme “Inculcating Universal Human Values in Technical Education” during 24-28 August, 2020 as organized by All India Council for Technical Education(AICTE).

Certification Courses:

1. Completed online certification Course through **edX platform** on **Deep learning through transformative pedagogy .**
2. Completed online certification Course through **Coursera platform** on **Understanding Research Methods**
3. Completed online certification Course through **ELSEIVER** on Fundamentals of manuscript preparation
4. Completed online certification Course through **Udemy platform** on **Spectroscopy Master Classes.**