

L.A.D. & Smt. R.P. College for Women, Nagpur

FACULTY PROFILE

❖ Basic Information

- Name: Dr. Nibha Dhirendrakumar Bajpai
- Designation: Assistant Professor
- Department: Cosmetic Technology
- Area of Specialization: Cosmetic Technology
- VIDWAN ID- 698313
- ORCID ID - 0009-0002-3377-2720



❖ Educational Qualifications: Ph.D. M.Tech (Cosmetic Technology)

❖ Total Teaching Experience: 25 Years

❖ Research Experience

- **Total Research Experience:** Contributed in Product development for reputed Cosmetic companies.
- Guided post graduate students for their research projects leading to degree of Master of Cosmetic Technology, RTM, Nagpur University. (35)
- Research Guidance (M.Phil/Ph.D. Guided): Students registered for Ph.D (4)
- **Areas of Research Interest:** Cosmetic Technology

❖ Research Publications (60)

(A) Research Papers in National/ International Journals

- Evaluation of Vitamin E in Milliglobules, International Journal of Novel Research and Development, Vol.9 (9), September 2024, ISSN: 2456-4184. <https://ijnrd.org/papers/IJNRD2409111.pdf>
- Impact of Cosmetic Surgery on Social and Psychological Issues: A Review, International Journal of Research and Analytical Reviews, E-ISSN 2348-1269, , Volume 11, Issue 3, 9-16 August 2024
- Evaluation of Phytochemicals of Aegle Marmelos L. and its incorporation in Skincare Formulations, International Journal of Multidisciplinary Research Review and Studies, Vol.1 (2), 2024. ISSN:3049-124X
- Lotus Plant: Ancient Wisdom Meets Modern Beauty, International Journal of Novel Trends and Innovations IJNTI .ORG, Vol.2 (7) July 2024, ISSN: 2984-908X.

- Extraction, Physicochemical Analysis and Qualitative Phytochemical Screening of *Camellia Sinensis* (White Tea), *International Journal of All Research Education & Scientific Methods (IJARESM)*, 12(7), July 2024, ISSN: 2455-6211
- Exploring the Interplay between the Skin Microbiome & Cosmetic Products: A Comprehensive Review, *International Journal of Novel Research and Development (IJNRD)*, 9(7), July 2024, ISSN: 2456-4184.
- Manjistha (*Rubia Cordifolia*): A Herbal Treasure of India, *International Journal for Multidisciplinary Research (IJFMR)* 6 (4), July-August 2024. ISSN: 2582-2160
- Unlocking the Potential of Bis-aminopropyl Diglycol Dimaleate: A Review of its Applications, Mechanisms, and Influence in Modern Hair care, *International Journal of Scientific Development and Research (IJS DR)*, 9(7), July 2024, ISSN:2455-2631
- Formulation and development of Silicone Derivative based Moisturizing Lotion: Harnessing the synergistic effects of Dimethicone (and) Cetearyl Dimethicone Cross Polymer, *International Journal of Scientific Development and Research (IJS DR)*, 9(4), April 2024, ISSN: 2455-2631
- Navigating Cosmetic Choices: Avoid Adverse Effect, *Research Journal Vol.19, No. (2), 2023, 0974-0317.*
- Formulation and Development of Leave-on Hair cream using Silicon Derivative [Dimethicone (and) Cetearyl Dimethicone], *Journal of Emerging Technologies and Innovative Research (JETIR)*, 10(8), August 2023, ISSN: 2349-5162
- A Review on Role of Bicelle Beads in Modern Cosmetic Formulations, *Research Journal Vol.18, No. (2), 2022, 0974-0317.*
- Black Tea as a Skincare Ingredient: A Review, *Research Journal Vol. 18, No. (2), 2022, 0974-0317.*
- Comparative Study of Marketed Bathing Bars as Per Bureau of Indian Standards, *International Journal of Science and Research (IJSR)*, 9(11), September 2022, ISSN: 2319-7064
- Comparative Study of Some Marketed Toothpaste as per Bureau of Indian Standards, *Journal of Emerging Technologies and Innovative Research*, 9 (7), July-2022, ISSN: 2349-5162
- Comparative Study of Marketed Kajal as per Bureau of Indian Standards, *International Journal of Research and Review*, 9 (7), July-2022, ISSN: 2349-9788
DOI: <https://doi.org/10.52403/ijrr.20220724>.

- Comparative Study of Lipstick as per Bureau of Indian Standards, International Journal of Research and Analytical Reviews,9 (3), July-2022, ISSN: 2349-5138
- Multipurpose Ingredient for Cosmetics: Rice (*Oryza Sativa*), International Journal of Novel Research and Development,7 (7), July-2022, ISSN: 2456-4184
- Marine Bioactives: Effective Resources in Cosmetics, International Journal of Innovative Research in Technology, 9 (2), July-2022, ISSN: 2349-6002
- Importance of Probiotics in Skin Microbiome - A Review, International Journal of Current Science,12 (3), July-2022, ISSN:2250-1770
- Chitin, Chitosan and Its Derivatives as A Multipurpose Cosmetic Ingredient: Review, International Journal of Current Science,12 (3), July-2022, ISSN:2250-1770
- Toxic Chemicals in Cosmetics, World Journal of Pharmaceutical Research,11 (10), July-2022, ISSN: 2277-7105. DOI: 10.20959/wjpr202210-24882
- Recent Approaches in Synthesizing Cosmeceutical Actives, World Journal of Pharmaceutical Research,11 (10), July-2022, ISSN: 2277-7105
- Different Eras of Hair Coloring, International Journal of Novel Research and Development,7 (7), July-2022, ISSN: 2456-4184
- Review on Efficacy and Safety of Natural and Synthetic Anti-dandruff Agents, International Journal of Novel Research and Development,7 (6), June 2022, ISSN:2456-4184
- Comparative Study of Hair cream as per Bureau of Indian Standards, International Journal of Scientific Development and Research,7(6), June 2022 ISSN:2455-2631
- Packaging of Cosmetics, International Journal of Current Science,12 (2), May 2022, ISSN:2250-1770
- Indian History of Perfume, Its Evidences and evolution from different Era, International Journal of Creative Research Thoughts, vol. 9, issue 11, November 2021, ISSN:2320-2882
- Nigella sativa seed: A Cosmetic herb International Journal of Creative Research Thoughts, vol. 9, issue4, April 2021 ISSN :2320-2882
- Formulation and Evaluation of Temporary Hair Highlighters, World Journal of Pharmacy and Pharmaceutical Sciences, vol.10, Issue 3, March 2021, ISSN: 2278-4357
- Age Gracefully, Research Journal, Vol.17. No (2) 2021, ISSN:0974-0317
- Think Before You Ink: Side Effects of Tattoo, Research Journal, Vol. 17. No (2), 2021, ISSN: 0974-0317

- Serum Foundation- The Ultimate Skincare Make-up, Research Journal, Vol. 16.
 - No (2), 2020, ISSN: 0974-0317
- Impact of Powder Cleansers over Liquid Cleansers, Research Journal, Vol.16. No (2), 2020, ISSN: 0974-0317
- Importance of Artificial Intelligence and Augmented Reality in Cosmetic and Beauty Industry Post Covid-19, World Journal of Pharmaceutical Research, Vol. 9, Issue 8, August 2020, ISSN:2277-7105. DOI: 10.20959/wjpr20208-18280
- Glutathione as a Skin Lightening Agent in Cosmetics: A Review, European Journal of Pharmaceutical and Medical Research, Vol.7, Issue 9, July 2020, ISSN:2394-3211
- Cosmeceutical Applications of Bee-Venom, World Journal of Pharmaceutical Research, Vol. 9, Issue 8, August 2020, ISSN: 2277-7105. DOI: 10.20959/wjpr20208-18285
- A Review on Cosmeceutical Perspective of Luffa cylindrical, World Journal of Pharmaceutical Research, Vol. 9, Issue 8, August 2020, ISSN:2277-7105. DOI: 10.20959/wjpr20208-18088
- Astaxanthin – Benefits and Potential Applications in Cosmetics, World Journal of Pharmacy and Pharmaceutical Sciences” Vol.9, Issue 8, July 2020, ISSN:2278-4357
- The Effect of Preservatives Used in Cosmetics on Skin Microbiome, A Review, World Journal of Pharmaceutical Research, Vol. 9, Issue 7, June 2020, ISSN:2277-7105. DOI: 10.20959/wjpr20207-17830
- Formulation and Development of under Eye Cream by Using Aqueous Extract of *Syzygium cumini*, International Journal of Pharmacy and pharmaceutical Research”, Vol.17, Issue3, February 2020, ISSN: 2349:7203
- Extraction of Clay from Red Soil and Evaluation of its UV Protection properties, International Journal of Science & Research online, 8 (6), June 2019, ISSN:2319-7064. 10.21275/ART20199174
- *Calytropis gigantean*-A Prospective Herb in Cosmetics, International Journal of Science and Engineering Development Research, 4(6), June-2019, ISSN:2455-2631
- Role of *Syzygium cumini* (Jamun) in Cosmetics, International Journal of Science and Engineering Development Research,4(6), June-2019, ISSN:2455-2631
- Effect of Fragrances on Human Olfactory senses, Research Journal, Vol.15, No. (2), 2019, ISSN:0974-0317

- Rosemary and its Cosmetic Applications, Research Journal, Vol.15, No. (2), 2019, ISSN: 0974-0317
- Menopausal Skincare, Research Journal, Vol.15, No. (2), 2019, ISSN: 0974-0317
- Multifunctional *Hemidesmus indicus* as Cosmetic agent: A Review, International Journal of Science and Engineering Development Research, 3(10), Oct-2018, ISSN:2455-2631
- Formulation and evaluation of Foot Cream from *Ficus glomerata* extract, Indo-American Journal of Pharmaceutical Research, 8(09), Sep-2018, ISSN:2231-6876
- Extraction Isolation and evaluation of Pitera from Fermented Rice water and its incorporation as active in Bi-phasic makeup Removal, International Journal of Science & Research, 7 (7), July 2018, ISSN:2319-7064
- Cutaneous Chronobiology, the Skin Circadian Rhythm- time to make Cosmetic follow the skin rhythm, Research Journal, LAD College April 2020, ISSN:0974-0317
- Nano Cosmeceuticals a boon to Cosmetic Industry, Research Journal, LAD College
 - April 2020, ISSN: 0974-0317
- Formulation and Development of Afterwax Gel Using Astringent Property of Guava leaf extract, Research Journal, Vol.10, No. (2), 2014, ISSN:0974-0317
- Use of Mango butter as a Moisturizing agent, Research Journal, Vol.9, No. (2), 2013, ISSN:0974-0317
- Ketoconazole: Liposomal Drug Delivery System- A Boon for Cosmetic Industry, International Journal of Advances in Pharmaceutical Sciences, Vol.3, No. (2) March-April 2012, ISSN:2231-0541
- Green Polymeric Surfactants in Cosmetics, Research Journal, Vol.7, No. (2), 2011-12,2012, ISSN:0974-0317
- Evaluation of Some Marketed Facepacks and Cakes for Microbial Load, Asian Journal of Microbiology Biotechnology Environmental Science, Vol.13, No. (1), 2011, ISSN:0972-3005
- Role of Cosmetic Science in Biodiversity and Sustainable Development, International Journal of Ecology Environment & Conservation, Vol.17, No. (1), 2011,ISSN: 0971-765X
- Study of Cosmetic Value of Oil obtained as a By-Product of Turmeric Powder Manufacture, Research Journal, Vol.3,No.(2),2008 ,ISSN: 0974-0317

- Identification and Characterization of Polluting By-Product in Turmeric Powder Manufacturing Industries: A Case Study, Research Journal, Vol.2, No. (2), 2006, 0974-0317

❖ **Books / Book Chapters**

1. Hydrogel encapsulation: Innovative Technology to Enhance Efficacy of Cosmetic Products, published in book Recent Trends in Nanochemistry and Nanotechnology, vol.4, AkiNik Publications, New Delhi, 2024. ISBN 978-93-6135-382-6.
2. Fermented Beauty –Barrier Boosting Formula for Healthy Skin, Published in the Book Recent Trends in Natural Product Research, Vol 2, Bright Sky Publications, New Delhi 2023
3. Cosmetic Revolution – Where Beauty is Beyond Gender, Published in Recent Trends in Multidisciplinary Research, Vol 44, AkiNik Publications, New Delhi ,2023

❖ **Conference / Seminar Proceedings**

1. Nanomaterials in Fragrances , presented at International Conference on Functional Materials (ICFM-2024) Nabira Mahavidyalaya, Katol in association with Association of Chemistry Teachers Mumbai.Feb.2024
2. Camellia Sinensis as a Natural Cosmetic Agent: a review, International Conference on Functional Materials (ICFM-2024) Nabira Mahavidyalaya, Katol in association with Association of Chemistry Teachers Mumbai.Feb.2024
3. Sustainable Cosmetics: Consumer Response, Toxicological, and Regulatory Aspects Attended & Presented paper at “72nd Indian Pharmaceutical Congress” Department of Pharmaceutical Sciences, RTM, Nagpur University, Nagpur 20-22 Jan. 2023
4. Neurocosmetics : Where Skin and Brain Speak to each other, “72nd Indian Pharmaceutical Congress”, Department of Pharmaceutical Sciences, RST Nagpur University, Nagpur Jan. 2023
5. Fermented Beauty, “72nd Indian Pharmaceutical Congress”, Department of Pharmaceutical Sciences, RST Nagpur University, Nagpur Jan. 2023
6. Photostability of Sunscreens in Cross linked Hyaluronic Acid, PICASSA III on 360 Degree Cosmetics, Indian Society of Cosmetic Chemists in collaboration with Department of Cosmetics & Perfumery KETs V.G.Vaze College, Mumbai, Sept.2016

7. Oligomer used in Nailgel Coating , PICASSA III on 360 Degree Cosmetics ,Indian Society of Cosmetic Chemists in collaboration with Department of Cosmetics & Perfumery KETs V.G.Vaze College ,Mumbai, Sept.2016
8. Ecofriendly Packaging Material made from Seaweed as Alternative to Plastic, PICASSA III on 360 Degree Cosmetics Indian Society of Cosmetic Chemists in collaboration with Department of Cosmetics & Perfumery KETs V.G.Vaze College ,Mumbai PICASSA III on 360 Degree Cosmetics
9. Larch wood Extract as a latest innovation in Personalcare Products, PICASSA III on 360 Degree Cosmetics, Indian Society of Cosmetic Chemists in collaboration with Department of Cosmetics & Perfumery KETs V.G.Vaze College ,Mumbai Sept.2016
10. Click Stick –Smart Deodorant, PICASSA III on 360 Degree Cosmetics, Indian Society of Cosmetic Chemists in collaboration with Department of Cosmetics & Perfumery KETs V.G.Vaze College ,Mumbai Sept.2016
11. Natural Cosmeceuticals-an emerging concept to treat hyperpigmentation, Seminar on ‘The Chemistry of Cosmetic and its impact on Human Health’ won **2nd prize**, S. S. Girls College, Gondia 26th Oct.2013
12. ‘Wonders of Lettuce leaf in facepack’, National Seminar on ‘The Chemistry of Cosmetic and its impact on Human Health’ ,S.S Girls College , Gondia **2nd Prize**, Oct. 2013
13. ‘A study of emulsion based hair serum with Broccoli’ National Seminar on ‘The Chemistry of Cosmetic and its impact on Human Health’ ,S.S Girls College , Gondia Oct.2013
14. Palash-Wonders in Handwash , National Seminar on ‘The Chemistry of Cosmetic and its impact on Human Health’ ,S.S Girls College , Gondia Oct .2013
15. Magic of Colors in Cosmetics, National Seminar on ‘The Chemistry of Cosmetic and its impact on Human Health’ ,S.S Girls College , Gondia Oct .2013
16. BB (Beauty Benefit) Cream: Hottest trend with power of herbs guided for power point presentation National Seminar on ‘The Chemistry of Cosmetic and its impact on Human Health’ ,S.S Girls College , Gondia **1st prize** Oct .2013
17. Novel Spin Coated Nanoparticles for Cosmetics, National Seminar on ‘The Chemistry of Cosmetic and its impact on Human Health’ ,S.S Girls College , Gondia Oct.2013

18. Non-drip Natural hair coloring gel ,National Seminar on 'The Chemistry of Cosmetic and its impact on Human Health' ,S.S Girls College , Gondia Oct .201
19. Bath Bomb-An Innovative combination of traditional and modern touch ,National Seminar on 'The Chemistry of Cosmetic and its impact on Human Health' ,S.S Girls College , Gondia Oct .2013, **2nd prize**
20. Natural Liquid Sindoor: A herbal way of beautification, National Seminar on 'The Chemistry of Cosmetic and its impact on Human Health' ,S.S Girls College , Gondia Oct .2013
21. White Ginger oil &its oleo-resin extract as moisturizing agent in body gel National Seminar on 'The Chemistry of Cosmetic and its impact on Human Health' ,S.S Girls College , Gondia Oct .2013
22. Corrositex-an invitro dermal corrosive test 'Current Trends in Cosmetics' Dept. of Cosmetic Technology, LAD & Smt.R.P.College for women, in collaboration with ISCC CZ. Aug.2013 **1st prize**
23. Microsponges –A Cosmeceutical Delivery System 'Current Trends in Cosmetics' Dept. of Cosmetic Technology, LAD & Smt.R.P.College for women, in collaboration with ISCC CZ. Aug.2013 **2nd prize**
24. Proniosomes – An Emerging trend in Delivery system in Cosmeceuticals 'Current Trends in Cosmetics' Dept. of Cosmetic Technology, LAD & Smt.R.P.College for women, in collaboration with ISCC CZ. Aug.2013, **3rd prize**
25. Preservation of Environment through Green Packaging in Cosmetics, **CSIR sponsored** National Conference on Women Entrepreneurship through Science & Technology at Nagpur Sept.2012
26. Green Polymeric Surfactant in Cosmetics, Avishkar- 2012 district level Collegiate Conference by RTM Nagpur University at Wardha, Sept.2012, **2nd prize**
27. Green Solvent Extraction in Cosmetics-An Eco-Friendly Process, UGC sponsored National conference on "Green Chemistry For Environment and Human Health", organized by Department of Chemistry, Amar Seva Mandal's Kamala Nehru Mahavidyalaya, Nagpur. Sept.2012,**2nd prize**
28. Study of Importance of Fragrance in FMCG World ,Presented at CSIR sponsored National Conference on Women Entrepreneurship through Science & Technology at Nagpur Sept.2012 **3rd prize**

29. Green Packaging – an Emerging Trend in Cosmetics, Presented at State level paper Presentation competition organized by Dr.R.G Bhoyar group of institutions, Wardha Sept.2012 won **2nd prize**
30. Development and Evaluation of Moisturizing Cream using Mango butter and its Marketing, CSIR sponsored National Conference on Women Entrepreneurship through Science & Technology at Nagpur , September 2012.
31. Revolutionizing Cosmetic Industry through Kitchen Shelf CSIR sponsored National Conference on Women Entrepreneurship through Science & Technology at Nagpur Sept.2012
32. Weed- The Emerging Trend in Cosmetics Presented at CSIR sponsored National Conference on Women Entrepreneurship through Science & Technology at Nagpur Sept.2012
33. Perfume-The Soul of Cosmetics, Presented at CSIR sponsored National Conference on Women Entrepreneurship through Science & Technology at Nagpur Sept.2012
34. Customized Cosmetics – A New Trend in Personal Care Industry Presented at CSIR sponsored National Conference on Women Entrepreneurship through Science & Technology at Nagpur,Sept.2012
35. Essence of Aromatherapy in Cosmetics, Presented at CSIR sponsored National Conference on Women Entrepreneurship through Science & Technology at Nagpur Sept.2012
36. Preservation of Environment through Green Packaging in Cosmetics, Presented at CSIR sponsored National Conference on Women Entrepreneurship through Science & Technology at Nagpur 2nd prize Sept.2012
37. Use of Soyabean in Cosmetic Preparations Presented at CSIR sponsored National Conference on Women Entrepreneurship through Science & Technology at Nagpur Dec.2011
38. Green Polymeric Surfactant in Cosmetics, Avishkar- 2012 district level Collegiate Conference by RTM Nagpur University at Wardha, 12thFeb. 2011,**2nd prize**
39. New Age Eco-Friendly Cosmeceuticals poster presented in Professional category National Seminar “Picasa 11, New Age Cosmetics and Fragrances” organized by Indian Society of Cosmetic Chemists in collaboration with PGDPCM, KET’s V.G.Vaze College, Mumbai.12thFeb.2011

40. Aromatic, Cleansing and Exfoliating Milk Powder National Seminar "Picasa 11, New Age Cosmetics and Fragrances" organized by Indian Society of Cosmetic Chemists in collaboration with PGDPCM, KET's V.G.Vaze College, Mumbai. 12thFeb.2011, **2nd prize**
41. Silkening Duophasic Make-up Remover-A Novel Innovation in Cosmetics, National Seminar "Picasa 11, New Age Cosmetics and Fragrances" organized by Indian Society of Cosmetic Chemists in collaboration with PGDPCM, KET's V.G.Vaze College, Mumbai.12thFeb.2011
42. Bamboo Shoot Extract-An Excellent Conditioning Agent For Hair National Seminar "Picasa 11, New Age Cosmetics and Fragrances" organized by Indian Society of Cosmetic Chemists in collaboration with PGDPCM, KET's V.G.Vaze College, Mumbai.12thFeb.2011
43. Application of Aromatherapy in Pet Cosmetics, National Seminar "Picasa 11, New Age Cosmetics and Fragrances" organized by Indian Society of Cosmetic Chemists in collaboration with PGDPCM, KET's V.G.Vaze College, Mumbai.12th Feb.2011
44. National Seminar "Picasa 11, New Age Cosmetics and Fragrances" organized by Indian Society of Cosmetic Chemists in collaboration with PGDPCM, KET's V.G.Vaze College, Mumbai.12th Feb.2011
45. Formulation of Novel Antiaging Night cream with Mushroom Extracts ,National Seminar "Picasa 11, New Age Cosmetics and Fragrances" organized by Indian Society of Cosmetic Chemists in collaboration with PGDPCM, KET's V.G.Vaze College, Mumbai. Feb.2011
46. Microalgal Fucoidan Extracts in Cosmetics, National Seminar "Picasa 11, New Age Cosmetics and Fragrances" organized by Indian Society of Cosmetic Chemists in collaboration with PGDPCM, KET's V.G.Vaze College, Mumbai, 12thFeb.2011
47. Paraben-Boon or Disguise, National Seminar "Picasa 11, New Age Cosmetics and Fragrances" organized by Indian Society of Cosmetic Chemists in collaboration with PGDPCM, KET's V.G.Vaze College, Mumbai, 12thFeb.2011
48. Use of Minerals in Make-up Preparations, National Seminar "Picasa 11, New Age Cosmetics and Fragrances" organized by Indian Society of Cosmetic Chemists in collaboration with PGDPCM, KET's V.G.Vaze College, Mumbai,12th Feb.2011

49. Dead Sea Minerals in Personal Care Products, National Seminar "Picasa 11, New Age Cosmetics and Fragrances" organized by Indian Society of Cosmetic Chemists in collaboration with PGDPCM, KET's V.G.Vaze College, Mumbai, 12thFeb.2011
50. Greenovate Technology-An Emerging Trend in Cosmetic Science ,UGC sponsored National conference on "Green Chemistry For Environment and Human Health", organized by Department of Chemistry, Amar Seva Mandal's Kamala Nehru Mahavidyalaya, Nagpur. 20thJan.2011
51. Green Solvent Extraction in Cosmetics-An Eco-Friendly Process ,UGC sponsored National conference on "Green Chemistry For Environment and Human Health", organized by Department of Chemistry, Amar Seva Mandal's Kamala Nehru Mahavidyalaya, Nagpur 20thJan. 2011 won **2nd prize**
52. Green Polymeric Surfactants in Cosmetics, UGC sponsored National conference on "Green Chemistry For Environment and Human Health", organized by Department of Chemistry, Amar Seva Mandal's Kamala Nehru Mahavidyalaya, Nagpur,20th Jan.2011
53. Liposomal Antiwrinkle Cream-A Novel Delivery System National Conference on "Emerging Trends in Chemical Engineering and Bio-technology", organized by Priyadarshini Institute of Engineering and Technology, Nagpur 22nd and 23rd Dec.2010
54. Contribution of Cosmetic Industry to Sustain Environment National Conference on "Emerging Trends in Chemical Engineering and Bio-technology", organized by Priyadarshini Institute of Engineering and Technology, Nagpur 22nd and 23rd Dec.2010
55. Role of Cosmetic Science in Biodiversity and Sustainable Development UGC sponsored National Seminar on "Recent Trends In Bio-Geo Sciences" organized by Department of Botany and Geology of Nagpur Shikshan Mandals Shri M.Mohta College of Science, Nagpur.14th October 2010
56. Natural Cosmetics to Curb Aerobiological Disease-Eczema UGC sponsored National Seminar on "Recent Trends In Bio-Geo Sciences" organized by Department of Botany and Geology of Nagpur Shikshan Mandals Shri M.Mohta College of Science, Nagpur. 14th October 2010
57. Green and Safe Packaging of Cosmetics- A New Horizon to Minimize Global Warming UGC sponsored National Seminar on "Recent Trends In Bio-Geo

Sciences” organized by Department of Botany and Geology of Nagpur Shikshan Mandals Shri M.Mohta College of Science, Nagpur. 14th October 2010

58. Study of Cosmetic Value of Oil Obtained As A By-Product of Turmeric Powder Manufacture National Conference on “Emerging Trends in Medicinal Plants and Their Biotechnological Advances”, Organized By Department of Botany, Dr. Ambedkar College, Nagpur. January 2007
59. Verification of Microbial Load in Commonly Used Face Packs and Cakes, International Conference, “Pharmacovigilance And Drug Safety Conference 2006”, Organized by Society of Pharmacovigilance India, Nov. 2006
60. Evaluation and Development of Skin Care Formulation from Natural Materials National Seminar on Interdisciplinary Sciences In Pharmacy, Organized By Smt. Sharadchandrika Suresh Patil College of Pharmacy, Chopda, Dist. Jalgoan, Feb. 2006
61. Identification and Characterization of a By-Product Polluting the Turmeric Powder Manufacturing Industries-A Case Study, National Symposium on “Environment and Pollution”, Organized by Indian Society of Analytical Scientists (Nagpur Chapter) Nagpur, Sept. 2002
62. Haldi Churna Utpadun Ke Samay Uup- Padhartha Ke Roop Mein Prapta Tel Ka Mulyaankan, Vigyan Bharti, Jabalpur, Jan. 2002
63. Saundarya vridhi Mein Upyog mein Layi Jane Wali Lapan Samagri Ka Sukshma Jeevshastriya vishleshan, Vigyan Bharti, Jabalpur, Jan. 2002
64. Evaluation of Oil obtained as a By-Product of Turmeric Powder Manufacture, The National Symposium on “Ancient Indian Science Engineering & Technology Interfaced with the Modern Knowledge”, Organized by Vigyan Bharti, Delhi, December 2001
65. Analysis of Face Pack Raw Material National Symposium on “Ancient Indian Science, Engineering & Technology Interfaced with the Modern Knowledge”, Organized by Vigyan Bharti, Delhi Dec. 2001

❖ **Orientation / Refresher Courses / FDPs Attended**

1. Attended 3 days Faculty Development Program , “The Teachers of Future in Higher Education”, from 25th -27th February 2026, organised by LAD & Smt. R.P.College for Women & SMMCA , Nagpur.
2. Attended 12 days refresher course “Empowering Educators in Home Sciences: Towards Holistic Multidisciplinary and Inclusive Education 4th -17th December,

2025, organised under University Grants Commission (UGC)- Malviya Mission Teachers Training Centre (MMTTC), by Department of Education (CASE) in collaboration with Faculty of Family and Community Sciences, Home-Science Association of India & IQAC- The MSU of Baroda, Vadodara.

3. Attended 5 Days International Faculty Development Program on “AI in Research and Innovation”, 18th-22nd August 2025 Organised by LAD & Smt. R.P.College for Women in collaboration with Yeshwantrao Chavan College of Engineering, Nagpu
4. Completed 21 days Faculty Induction Program, 30th December 2024- 25th Jan 2025 Under Malviya Mission Teachers Training Centre (MMTTC) of University Grants Commission (UGC), organised by Rani Durgawati Vishwavidhyalaya Jabalpur , MP.
5. Completed the One-Week National Level Faculty Development Program (FDP) on "Generative AI and Advanced Tools for Academic Research," held from August 26 to September 01, 2024.
6. Attended Faculty Development Programme (FDP) Pragati ke Path Par 2024 ,18th -24th July 2024, organized by Justice M. L. Pendse Language Lab in collaboration with the IQAC initiative of L.A.D. & Smt. R. P. College for Women, Nagpur.
7. Attended 5 day “Faculty Development Programme” on Student Centric Methodology and Interactive Teaching Strategies using Technological Tools, 9th - 13th Oct 2023, organised by LAD College for Women
8. Attended 3 days “Training Programme” on “Technopedagogy and Androgogy for Active Learning” organised by Maharashtra State Faculty Development Academy, Pune in Collaboration with STLRC, Symbiosis International (Deemed), University, Pune , 22nd -24th Jan 2024

❖ **Papers Presented in Conferences / Seminar**

1. Extraction, Physicochemical Analysis, and Qualitative phytochemical screening of *Camellia sinensis*, in National conference on Recent Trends in Chemical Engineering and Technology React 2024 on 1st April 2024 at Laxminarayan Innovation Technological University, Nagpur.
2. Oregano Extract as an Anti- Hyperpigment Agent in Face Serum’ ,in National conference on Recent Trends in Chemical Engineering and Technology React 2024 on 1st April 2024 at Laxminarayan Innovation Technological University, Nagpur.

3. Evaluation of phytochemicals of *Aegle marmelos* and its incorporation in skin care formulation, in National Conference on Recent Trends in Chemical Engineering and Technology React 2024 on 1st April 2024 at Laxminarayan Innovation Technological University, Nagpur.
4. Formulation of an anti-hair fall cream with *Butea monosperma* flower (palash) as key ingredient, in the National Conference on Recent Trends in Chemical Engineering and Technology React 2024 on 1st April 2024 at Laxminarayan Innovation Technological University, Nagpur.
5. Nanomaterials in Fragrances , presented at International Conference on Functional Materials (ICFM-2024) Nabira Mahavidyalaya, Katol in association with Association of Chemistry Teachers Mumbai.Feb.2024
6. *Camellia Sinensis* as a Natural Cosmetic Agent: a review” International Conference on Functional Materials (ICFM-2024) Nabira Mahavidyalaya, Katol in association with Association of Chemistry Teachers Mumbai.Feb.2024
7. Sustainable Cosmetics: Consumer Response, Toxicological, and Regulatory Aspects Attended & Presented paper at “72nd Indian Pharmaceutical Congress” Department of Pharmaceutical Sciences, RTM, Nagpur University, Nagpur 20-22 Jan. 2023
8. Neurocosmetics : Where Skin and Brain Speak to each other,“72nd Indian Pharmaceutical Congress”, Department of Pharmaceutical Sciences, RTM Nagpur University, Nagpur Jan. 2023
9. Fermented Beauty, “72nd Indian Pharmaceutical Congress”, Department of Pharmaceutical Sciences, RTM Nagpur University, Nagpur Jan. 2023
10. Photostability of Sunscreens in Cross linked Hyaluronic Acid, PICASSA III on 360 Degree Cosmetics, Indian Society of Cosmetic Chemists in collaboration with Department of Cosmetics & Perfumery KETs V.G.Vaze College, Mumbai, Sept.2016
11. Oligomer used in Nailgel Coating , PICASSA III on 360 Degree Cosmetics ,Indian Society of Cosmetic Chemists in collaboration with Department of Cosmetics & Perfumery KETs V.G.Vaze College, Mumbai, Sept.2016
12. Eco-friendly Packaging Material made from Seaweed as Alternative to Plastic, PICASSA III on 360 Degree Cosmetics Indian Society of Cosmetic Chemists in collaboration with Department of Cosmetics & Perfumery KETs V.G.Vaze College ,Mumbai PICASSA III on 360 Degree Cosmetics

13. Larch wood Extract as a latest innovation in Personalcare Products, PICASSA III on 360 Degree Cosmetics, Indian Society of Cosmetic Chemists in collaboration with Department of Cosmetics & Perfumery KETs V.G.Vaze College ,Mumbai Sept.2016
14. Click Stick –Smart Deodorant, PICASSA III on 360 Degree Cosmetics, Indian Society of Cosmetic Chemists in collaboration with Department of Cosmetics & Perfumery KETs V.G.Vaze College , Mumbai Sept.2016
15. Natural Cosmeceuticals-an emerging concept to treat hyperpigmentation, Seminar on ‘The Chemistry of Cosmetic and its impact on Human Health’, S. S. Girls College, Gondia 26th Oct.2013 won **2nd prize**
16. Wonders of Lettuce leaf in Facepack, National Seminar on ‘The Chemistry of Cosmetic and its impact on Human Health’ ,S.S Girls College , Gondia, Oct. 2013 , won **2nd Prize**
17. A study of emulsion based hair serum with Broccoli, National Seminar on ‘The Chemistry of Cosmetic and its impact on Human Health’ ,S.S Girls College , Gondia Oct .2013
18. Palash-Wonders in Handwash , National Seminar on ‘The Chemistry of Cosmetic and its impact on Human Health’ ,S.S Girls College , Gondia Oct .2013
19. Magic of Colors in Cosmetics, National Seminar on ‘The Chemistry of Cosmetic and its impact on Human Health’ ,S.S Girls College , Gondia Oct .2013
20. BB (Beauty Benefit) Cream: Hottest trend with power of herbs guided for power point presentation National Seminar on ‘The Chemistry of Cosmetic and its impact on Human Health’ ,S.S Girls College , Gondia **1st prize** Oct .2013
21. Novel Spin Coated Nanoparticles for Cosmetics, National Seminar on ‘The Chemistry of Cosmetic and its impact on Human Health’ ,S.S Girls College , Gondia Oct .2013
22. Non-drip Natural Hair Coloring Gel, National Seminar on ‘The Chemistry of Cosmetic and its impact on Human Health’ ,S.S Girls College, Gondia Oct .2013
23. Bath Bomb-An Innovative combination of traditional and modern touch National Seminar on ‘The Chemistry of Cosmetic and its impact on Human Health’, S.S Girls College, Gondia Oct .2013, **2nd prize**
24. Natural Liquid Sindoor: A herbal way of beautification, National Seminar on ‘The Chemistry of Cosmetic and its impact on Human Health’,S.S Girls College, Gondia Oct .2013

25. White Ginger oil & its oleo-resin extract as moisturizing agent in body gel
National Seminar on 'The Chemistry of Cosmetic and its impact on Human Health', S.S Girls College, Gondia Oct .2013
26. Corrositex-an invitro dermal corrosive test 'Current Trends in Cosmetics' Dept. of Cosmetic Technology, LAD & Smt.R.P.College for women, in collaboration with ISCC CZ. Aug.2013 **1st prize**
27. Microsponges –A Cosmeceutical Delivery System 'Current Trends in Cosmetics' Dept. of Cosmetic Technology, LAD & Smt.R.P.College for women, in collaboration with ISCC CZ. Aug.2013, **2nd prize**
28. Proniosomes – An Emerging trend in Delivery system in Cosmeceuticals 'Current Trends in Cosmetics' Dept. of Cosmetic Technology, LAD & Smt.R.P.College for women, in collaboration with ISCC CZ. Aug.2013, **3rd prize**
29. Preservation of Environment through Green Packaging in Cosmetics, **CSIR sponsored** National Conference on Women Entrepreneurship through Science & Technology at Nagpur Sept.2012
30. Green Polymeric Surfactant in Cosmetics, Avishkar- 2012 district level Collegiate Conference by RTM Nagpur University at Wardha, Sept.2012, **2nd prize**
31. Green Solvent Extraction in Cosmetics-An Eco-Friendly Process, UGC sponsored National conference on "Green Chemistry for Environment and Human Health", organized by Department of Chemistry, Amar Seva Mandal's Kamala Nehru Mahavidyalaya, Nagpur. Sept.2012, **2nd prize**
32. Study of Importance of Fragrance in FMCG World, Presented at CSIR sponsored National Conference on Women Entrepreneurship through Science & Technology at Nagpur Sept.2012, **3rd prize**
33. Green Packaging – an Emerging Trend in Cosmetics, Presented at State level paper Presentation competition organized by Dr.R.G Bhojar group of institutions, Wardha Sept.2012 , **2nd prize**
34. Development and Evaluation of Moisturizing Cream using Mango butter and its Marketing, CSIR sponsored National Conference on Women Entrepreneurship through Science & Technology at Nagpur, September 2012.
35. Revolutionizing Cosmetic Industry through Kitchen Shelf CSIR sponsored National Conference on Women Entrepreneurship through Science & Technology at Nagpur Sept.2012

36. Weed- The Emerging Trend in Cosmetics Presented at CSIR sponsored National Conference on Women Entrepreneurship through Science & Technology at Nagpur Sept.2012
37. Perfume-The Soul of Cosmetics, Presented at CSIR sponsored National Conference on Women Entrepreneurship through Science & Technology at Nagpur Sept.2012
38. Customized Cosmetics – A New Trend in Personal Care Industry Presented at CSIR sponsored National Conference on Women Entrepreneurship through Science & Technology at Nagpur Sept.2012
39. Essence of Aromatherapy in Cosmetics, Presented at CSIR sponsored National Conference on Women Entrepreneurship through Science & Technology at Nagpur Sept.2012
40. Preservation of Environment through Green Packaging in Cosmetics, Presented at CSIR sponsored National Conference on Women Entrepreneurship through Science & Technology at Nagpur 2nd prize Sept.2012
41. Use of Soyabean in Cosmetic Preparations Presented at CSIR sponsored National Conference on Women Entrepreneurship through Science & Technology at Nagpur Dec.2011
42. Green Polymeric Surfactant in Cosmetics, Avishkar- 2012 district level Collegiate Conference by RTM Nagpur University at Wardha, 12thFeb. 2011,**2nd prize**
43. New Age Eco-Friendly Cosmeceuticals poster presented in Professional category National Seminar “Picasa 11, New Age Cosmetics and Fragrances” organized by Indian Society of Cosmetic Chemists in collaboration with PGDPCM, KET’s V.G.Vaze College, Mumbai.12thFeb.2011
44. Aromatic, Cleansing and Exfoliating Milk Powder National Seminar “Picasa 11, New Age Cosmetics and Fragrances” organized by Indian Society of Cosmetic Chemists in collaboration with PGDPCM, KET’s V.G.Vaze College, Mumbai. 12thFeb.2011, **2nd prize**
45. Silkening Duophasic Make-up Remover-A Novel Innovation in Cosmetics, National Seminar “Picasa 11, New Age Cosmetics and Fragrances” organized by Indian Society of Cosmetic Chemists in collaboration with PGDPCM, KET’s V.G.Vaze College, Mumbai.12thFeb.2011
46. Bamboo Shoot Extract-An Excellent Conditioning Agent For Hair National Seminar “Picasa 11, New Age Cosmetics and Fragrances” organized by Indian

- Society of Cosmetic Chemists in collaboration with PGDPCM, KET's V.G.Vaze College, Mumbai.12thFeb.2011
47. Application of Aromatherapy in Pet Cosmetics, National Seminar "Picasa 11, New Age Cosmetics and Fragrances" organized by Indian Society of Cosmetic Chemists in collaboration with PGDPCM, KET's V.G.Vaze College, Mumbai.12th Feb.2011
 48. Formulation of Novel Antiaging Night cream with Mushroom Extracts National Seminar "Picasa 11, New Age Cosmetics and Fragrances" organized by Indian Society of Cosmetic Chemists in collaboration with PGDPCM, KET's V.G.Vaze College, Mumbai. Feb.2011
 49. Microalgal Fucoidan Extracts in Cosmetics, National Seminar "Picasa 11, New Age Cosmetics and Fragrances" organized by Indian Society of Cosmetic Chemists in collaboration with PGDPCM, KET's V.G.Vaze College, Mumbai, 12th Feb.2011
 50. Paraben-Boon or Disguise, National Seminar "Picasa 11, New Age Cosmetics and Fragrances" organized by Indian Society of Cosmetic Chemists in collaboration with PGDPCM, KET's V.G.Vaze College, Mumbai, 12th Feb.2011
 51. Use of Minerals in Make-up Preparations, National Seminar "Picasa 11, New Age Cosmetics and Fragrances" organized by Indian Society of Cosmetic Chemists in collaboration with PGDPCM, KET's V.G.Vaze College, Mumbai,12th Feb.2011
 52. Dead Sea Minerals in Personal Care Products, National Seminar "Picasa 11, New Age Cosmetics and Fragrances" organized by Indian Society of Cosmetic Chemists in collaboration with PGDPCM, KET's V.G.Vaze College, Mumbai , 12th Feb.2011
 53. Greenovate Technology-An Emerging Trend in Cosmetic Science UGC sponsored National conference on "Green Chemistry For Environment and Human Health", organized by Department of Chemistry, Amar Seva Mandal's Kamala Nehru Mahavidyalaya, Nagpur. 20th Jan.2011
 54. Green Solvent Extraction in Cosmetics-An Eco-Friendly Process UGC sponsored National conference on "Green Chemistry For Environment and Human Health", organized by Department of Chemistry, Amar Seva Mandal's Kamala Nehru Mahavidyalaya, Nagpur 20th Jan. 2011 won **2nd prize**
 55. Green Polymeric Surfactants in Cosmetics, UGC sponsored National conference on "Green Chemistry for Environment and Human Health", organized by Department of Chemistry, Amar Seva Mandal's Kamala Nehru Mahavidyalaya, Nagpur,20th Jan.2011

56. Liposomal Antiwrinkle Cream-A Novel Delivery System National Conference on “Emerging Trends in Chemical Engineering and Bio-technology”, organized by Priyadarshini Institute of Engineering and Technology, Nagpur 22nd and 23rd Dec.2010
57. Contribution of Cosmetic Industry to Sustain Environment National Conference on “Emerging Trends in Chemical Engineering and Bio-technology”, organized by Priyadarshini Institute of Engineering and Technology, Nagpur 22nd and 23rd Dec.2010
58. Role of Cosmetic Science in Biodiversity and Sustainable Development UGC sponsored National Seminar on “Recent Trends In Bio-Geo Sciences” organized by Department of Botany and Geology of Nagpur Shikshan Mandals Shri M.Mohta College of Science, Nagpur.14th October 2010
59. Natural Cosmetics to Curb Aerobiological Disease-Eczema UGC sponsored National Seminar on “Recent Trends In Bio-Geo Sciences” organized by Department of Botany and Geology of Nagpur Shikshan Mandals Shri M.Mohta College of Science, Nagpur. 14th October 2010
60. Green and Safe Packaging of Cosmetics- A New Horizon to Minimize Global Warming UGC sponsored National Seminar on “Recent Trends In Bio-Geo Sciences” organized by Department of Botany and Geology of Nagpur Shikshan Mandals Shri M.Mohta College of Science, Nagpur. 14th October 2010
61. Study of Cosmetic Value of Oil Obtained As A By-Product of Turmeric Powder Manufacture National Conference on “Emerging Trends in Medicinal Plants and Their Biotechnological Advances”, Organized By Department of Botany, Dr. Ambedkar College, Nagpur. January 2007
62. Verification of Microbial Load in Commonly Used Face Packs and Cakes, International Conference, “Pharmacovigilance And Drug Safety Conference 2006”, Organized by Society of Pharmacovigilance India, Nov.2006
63. Evaluation And Development of Skin Care Formulation from Natural Materials National Seminar on Interdisciplinary Sciences In Pharmacy, Organized By Smt. Sharadchandrika Suresh Patil College of Pharmacy, Chopda, Dist.Jalgoan, Feb. 2006
64. Identification and Characterization of a By-Product Polluting the Turmeric Powder Manufacturing Industries-A Case Study, National Symposium on

“Environment and Pollution”, Organized by Indian Society of Analytical Scientists (Nagpur Chapter) Nagpur, Sept. 2002

65. Haldi Churna Utpadun Ke Samay Uup- Padhartha Ke Roop Mein Prapta Tel Ka Mulyaankan, Vigyan Bharti, Jabalpur, Jan. 2002

66. Saundarya vridhi Mein Upyog mein Layi Jane Wali Lapan Samagri Ka Sukshma Jeevshastriya vishleshan, Vigyan Bharti, Jabalpur, Jan. 2002

67. Evaluation of Oil obtained as a By-Product of Turmeric Powder Manufacture, The National Symposium on “Ancient Indian Science Engineering & Technology Interfaced with the Modern Knowledge”, Organized by Vigyan Bharti, Delhi, December 2001

68. Analysis of Face Pack Raw Material National Symposium on “Ancient Indian Science, Engineering & Technology Interfaced with the Modern Knowledge”, Organized by Vigyan Bharti, Delhi Dec. 2001

❖ **Workshops / Seminars / Conferences Organized**

1. Member of **Technical Committee** E-Proceedings of National conference “Green Earth-Clean Earth” organised by LAD & Smt. R.P.College for Women Nagpur , 10th February 2024.

2. **Member of Organizing and Technical Committee** at CSIR sponsored National Conference on “Women Entrepreneurship through Science & Technology “at Nagpur in September 2012.

❖ **Administrative Responsibilities**

1. Member of **Board of Studies of Cosmetic Technology**, RTM, Nagpur University, Nagpur

2. Member of **Board of Studies of Cosmetic Technology, Academic Expert** in MGM University Chatrapati Sambhaji Nagar under the faculty of Basic and Applied Sciences

3. **Appointed as Paper setter, Valuer** for Postgraduate Examination, R.C. Patel Institute of Pharmaceutical Education and Research Shirpur, Dhule, MS

4. Spot Valuation incharge for RTMNU, Winter 2023 college level odd semester examination, Seminary hills campus, LAD & Smt. R.P.College, Nagpur.

5. Member of **Subject Examination Committee of Cosmetic Technology**, RTM, Nagpur University.

6. Member of **Moderation Committee** for Undergraduate, Postgraduate and PhD PET Examination for RTM, Nagpur University

7. **Appointed as Moderator, Paper setter, Valuer and External examiner** for Undergraduate, Postgraduate and PhD PET Examination for RTM, Nagpur University
8. **Appointed as Moderator, Paper setter, Valuer and External examiner** for Undergraduate, Postgraduate and PhD PET Examination for **SGB Amravati University.**
9. **Curriculum/Syllabus development and revision** for Undergraduate, Postgraduate courses of RTM, Nagpur University.
10. Member of **Inspection Committee** for approval of Courses under Continuing Education Programme by department of **Lifelong Learning and Extension**, RTM, Nagpur University.

❖ **Membership of Professional Bodies**

- **Life Member of Indian Society of Cosmetic Chemists (Registration no. 1106)**

❖ **E-Content / MOOCs / ICT Use**

- Google Classroom / LMS

❖ **Any Other Relevant Information**

- Member of Cosmetic Expert Committee, Cosmetic Division, Directorate General of Health Services, Central Drug Standard Control Organisation, Government of India, Ministry of Health and Family Welfare.
- Recognised Ph.D. Supervisor for guiding Ph.D. Scholars in the Subject Cosmetic Technology, RTM Nagpur University.
- Invited as a **Resource Person** to deliver Expert lecture on “Personal Hygiene Products” at Department of Packaging Technology, Government Polytechnic Nagpur
- **Co-ordinator** for the PhD Credit Course for Research Scholars organised by Department of Cosmetic Technology, LAD College Nagpur from 20th February to 20th March 2023.
- **Co-ordinator** for the “**Intellectual Property Awareness program**” under **National Intellectual Property Awareness Mission**, organised by Intellectual Property Office India on 24th Feb 2023.
- **Sub-planery Speaker, MSU-IIT, Philippines, e-Asia joint Research Programme**, International Symposium on Nanoscience and its Applications, December 2021

- **Research Mentor** for Research Scholars and Post graduate students of **Interdisciplinary Research, Ideation and Collaboration Hub (IRICH)** of the Women's Education Society, Nagpur.2022
- Invited as **Guest Speaker** to deliver Expert lecture on "**Skincare in summer**"organised by Vidharbha Hindi Sahitya Sangh, Nagpur.
- **Treasurer** of Cosmetic Alumni Association of L.A.D