

BRIEF PROFILE



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Date of birth	05.05.1996
Designation	Subject Matter Specialist (Home Science)
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Employment Record	Subject Matter Specialist (30.05.2024 to Till Date)
Publications (Best 10)	1) Neeharika, B. and Vijayalaxmi, K.G., 2024. Development of reduced-fat eggless mayonnaises using clove basil and sweet basil seed mucilages. <i>Journal of Food Science</i>, 89: 8704-8714 https://doi.org/10.1111/1750-3841.17560 (NAAS: 9.90) 2) Neeharika, B., Vijayalaxmi, K.G., Suvarna, V.C. and Mohan Chavan., 2025. Antioxidant, antidiabetic, and antimicrobial efficacy of germinated <i>Ocimum gratissimum</i> and <i>Ocimum basilicum</i> seed. <i>Journal of the Science of Food and Agriculture</i>, 105(7): 3843-3856. https://doi.org/10.1002/jsfa.14141 (NAAS: 9.30) 3) Neeharika, B., Vijayalaxmi, K.G. and Shobha, D., 2024. Enrichment of vegan gluten-free pasta with basil seeds: cooking quality, nutritional and antioxidant properties. <i>Food Science and Technology International</i>. https://doi.org/10.1177/10820132241252218 (NAAS: 8.30) 4) Neeharika, B., Vijayalaxmi, K.G. and Shamshad Begum, S., 2025. Standardization of germination conditions for nutritional enhancement of underutilized basil seeds. <i>Indian Journal of Biochemistry and Biophysics</i>, 62(4): 391-397. https://doi.org/10.56402/ijbb.v62i4.8985 (NAAS: 7.50) 5) Neeharika, B., Vijayalaxmi, K.G. and Shamshad Begum, S., 2023. Traditional processing methods for quality enhancement of

	indigenous basil seeds and formulation of functional flours. <i>Indian Journal of Traditional Knowledge</i>, 22(4): 798-804. https://doi.org/10.56042/ijtk.v22i4.7204 (NAAS: 7.09) 6) Neeharika, B. and Jessie Suneetha, W., 2024. Controlled germination for cooking quality and nutritional enhancement of underutilised little millets. <i>Indian Journal of Traditional Knowledge</i>, 23(4): 305-315. https://doi.org/10.56042/ijtk.v23i4.4135 (NAAS: 6.80) 7) Neeharika, B., 2025. Sex-specific nutrition for preterm infants <i>Indian Journal of Experimental Biology</i>, 65(3): 181-191. https://doi.org/10.56042/ijeb.v63i03.10819 (NAAS: 6.70) 8) Neeharika, B. and Jessie Suneetha, W., 2024. Formulation and evaluation of ready-to-reconstitute smoothie mix with little millet. <i>Journal of Scientific & Industrial Research</i>, 83(5): 473-482. https://doi.org/10.56042/jsir.v83i5.6721 (NAAS: 6.60) 9) Neeharika, B. and Vijayalaxmi, K.G., 2023. Optimisation of clove basil and sweet basil seeds mucilages extraction for utilisation as functional ingredients. <i>Journal of Scientific & Industrial Research</i>, 82(9): 989-999. https://doi.org/10.56042/jsir.v82i9.1937 (NAAS: 6.56) 10) Neeharika, B., Patel, K., Suneetha, J. and Kumari, B.A., 2019. Blanched bathua leaves: influence on phytochemical and antioxidant properties. <i>International Journal of Chemical Studies</i>, 7(3): 793-799. (NAAS: 5.31)
Awards/ Honors/ Recognitions	1) Dr. Premnath Agriculture Science Foundation Gold Medal for Merit in Doctoral Degree (2024) 2) UAS Gold Medal for Merit in Doctoral Degree (2024) 3) Best Oral Presentation at National Conference on Sustainable Development through Agriculture Production, Protection & Policy Landscape for Crop Care, Haryana (2023) 4) Best Oral Presentation at 5th International Conference on Food and Nutrition, Malaysia (2022) 5) ICAR Junior/Senior Research Fellowship (2021-2023) 6) AIASA Dr. M.S. Swaminathan Award for Outstanding Master's Research (2021) 7) International Agriculture and Rural Development Course from Cornell University, New York (August, 2019 to May, 2020) 8) PJTSAU Gold Medal for Merit in Master's Degree (2021) 9) AFST(I) Best Student Award (2019) 10) UG Best Outgoing Student Award (2017) 11) Merit Certificates for securing highest OGPA in B.Sc. (Hons.) Food Science and Nutrition (2015-2018)