खाद्य विज्ञान एवं प्रौद्योगिकी विभाग



Division of Food Science and Post Harvest Technology भारतीय कृषि अनुसंधान संस्थान

INDIAN AGRICULTURAL RESEARCH INSTITUTE

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दिनांक /Dated: 31.08.2023

डॉ. नीलम उपाध्याय

वैज्ञानिक (वरिष्ठ वेतनमान)

Dr. Neelam Upadhyay

Scientist (Senior Scale)

CERTIFICATE

This is to certify that the entry entitled 'Carotenoids from carrot bio—waste: its extraction and encapsulation in emulsion based delivery system for food and pharmaceutical applications' submitted by Ms. Swati Tiwari is a bonafide research work carried out by her under my supervision and guidance during my service at DAIRY TECHNOLOGY of the ICAR-NATIONAL DAIRY RESEARCH INSTITUTE (DEEMED UNIVERSITY), Karnal (Haryana), India.

(Major Advisor & Chairman)

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