

CURRICULUM VITAE

PRABHAT K MAHOUR

B.Tech, M.Tech, NET, Ph.D. (pursuing)

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Date of Birth : 02/01/1997
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Work Experience:

Position	Department	Place	Duration
Assistant Professor	Food Processing Technology	ADIT, CVMU, Anand	22/09/2025- Present

Area of Interest:

- Dairy Processing
- Fruit and Vegetables processing
- Innovative food processing
- Beverage product development

Educational Qualification

Examination	Year	Institute	Board/Univ.	Grade/Division
Ph.D. (Food Tech.)	2022-2025	H.B.T.U. Kanpur	H.B.T.U. Kanpur	Thesis Submitted
M.Tech. (Food Tech.)	2019-2021	R.B.S. Technical Campus, Agra	DR. A.P.J. Abdul Kalam Technical University, Lucknow	I DIV (Hons.)
B.Tech (Food Tech.)	2015-2019	J.N.U, Jaipur	Jaipur National University, Jaipur	I DIV
XII th	2015	R.S.P.S., Agra	I.S.C. Board	II DIV
X th	2013	St. Peter's College, Agra	I.C.S.E. Board	II DIV

Additional Qualification

- Qualified University Grants Commission NATIONAL ELIGIBILITY TEST FOR ASSISTANT PROFESSOR (UGC- NET December 2020 and June 2021) conducted by National Testing Agency.
- Qualified ICAR AICE-JRF/SRF (Ph.D.) 2023-2024.

Technical Course

- Achieved RS-CIT Certificate (Rajasthan State Certificate in Information Technology) by Passing Examination from VARDHMAN MAHAVEER OPEN UNIVERSITY, KOTA with 72% held in June 2019.

Technical Training

- Completed User Awareness & Training Programme on Turnitin software for Plagiarism check & Web of Science citation database for better effective research on 28th & 29th July 2024 at HBTU Kanpur.
- Completed Training in Manufacturing (Level 2) – Food Safety Supervisor by FOSTAC (Food Safety Training and Certification) held at Jaipur National University, Food Tech Department JNU, Jaipur, Rajasthan. Training conducted by: V R The World Professional Services. Roll Number: AMA016001022025, Batch Code: AMA016/03019, Certification Number: AMA016102589217

Publication Details

International Journals:

- “Preparation and optimization of moringa leaf powder for edible purpose” by **P. Mahour**, A.B.lal, A. Khare, D.S. Chauhan in ELSEVIER Publication “Journal of Indian Chemical Society”. <http://doi.org/10.1016/j.jics.2022.100377>. (SCI / SCOPUS INDEXED).
- “Optimization of process parameters for pectin extraction from unripe bael pulp using response surface methodology” by **Prabhat Kumar Mahour**, Alak Kumar Singh in “Journal of Post Harvest Technology” 2024 Vol 12 No.1. Page no 122-134 (eISSN: 2348-4330) Indexed in (UGC-CARE and NAAS) (IF : 4.25).
- “Ultrasound Assisted Extraction of Pectin from Unripe Bael Using Box-Behnken Design Based Optimization of a Process Parameters” by **Prabhat Kumar Mahour** and Alak Kumar Singh in “Romanian Journal of Acoustics and Vibration” RJA V vol 21 issue1/2024 Page no 35-42, ISSN 1584-7284. (SCIE/SCOPUS INDEXED)
- “Unripe bael pulp pectin extraction and characterization using the microwave assisted method” by **Prabhat Kumar Mahour** and Alak Kumar Singh in “Journal of Applied Horticulture”, 26(2): Page no: 267-280, 2024., <https://doi.org/10.37855/jah.2024.v26i02.51>. ISSN: 0972-1045. (SCOPUS INDEXED)
- “Impact and analysis of the bael (*Aegle marmelos*) pulp pectin coating on sapodilla fruit for shelf life extension” by **Prabhat Kumar Mahour** and Alak Kumar Singh in “International Journal of Home Science” Vol 10 Issue 2 Year 2024, Part G, Page no 471-475. DOI: <https://doi.org/10.22271/23957476.2024.v10.i2g.1660>. (UGC Approved).

Proceedings/Abstracts in Conference

- **Prabhat Kumar Mahour** and Alak Kumar Singh (2024) A Comparative Study between Microwave and Ultrasound-Assisted Pectin Extraction from Unripe Bael. Oral presentation in 32nd National Conference on “Soil, Water and Energy Management for Sustainable Agriculture and Livelihood Security” held on 18-20 October 2024 at Chandra Shekhar Azad University of Agriculture & Technology, Kanpur, India.
- **Prabhat Kumar Mahour** and Alak Kumar Singh (2024) A Comparative Study of Ultrasound-Assisted and Conventional Method for Pectin Extraction from Unripe Bael. Full Paper published in International Conference Chem Technova 2024 “Sustainable Green Chemical Technologies: Challenges & Opportunities organized by HBTU Kanpur during 21-23 March 2024. Book No (ISBN: 978-81-19757-00-8), Abstract no-18 & Full paper on page no (213-222).

Professional Membership

- Full Member: **Association of Food Scientists and Technologists (India)**
Member ID: AFSTI/FM/2024/327
- Associate Member of **The Institution of Engineers (India)**
Membership No: AM1947799
- **Vidyanjali** Volunteer Member: Department of Higher Education, **Ministry of Education, Government of India**. Volunteer Id: 202212260.

Reviewer of Research Articles

- European Journal of Nutrition & Food Safety (ISSN 2347-5641)
- Journal of Advances in Biology & Biotechnology (ISSN 2394 -1081)

Faculty Development Program attended

- One week FDP on “ Fungal Biotechnology: Emerging Trends and Applications” from 5th to 9th August, 2024 organized by Department of Biotechnology in association with the Centre for Training and Learning, National Institute of Technology, Warangal.
- One week FDP on “Advancements in Materials Science Research” from 29th July to 2nd August, 2024 organized by PG & Research Department of Chemistry, PSGR Krishnammal College for Women, in association with Association of Chemistry Teachers ACT, Mumbai.
- One week FDP on “Advanced Materials Characterization Techniques” from 20th to 24th May, 2024 organized by Department of Plastic Technology, School of Chemical Technology, Harcourt Butler Technical University, Kanpur, Uttar Pradesh- 208002.
- One week FDP (AICTE sponsored ATAL FDP) on “Recent Development of Sustainable Processes in Chemical and Allied Industries” from 05 to 10 February 2024 organized by Department of Chemical Engineering, Dr. Ambedkar Institute of technology for Divyangjan (A.I.T.D), Kanpur.

Workshop & Webinar Attended

- Participated in One Week National Workshop Data Analysis with R organized by the FBMED, National Institute of Food Technology Entrepreneurship and Management (NIFTEM)- Kundli held on 27th June- 1st July 2024.
- Attended Workshop on Intellectual Property Rights on 29th January 2024 sponsored by Council of Science & Technology U.P. and organized by the Harcourt Butler Technical University, Kanpur.
- Attended National Webinar on “Overview of Management System Standards Certification: Niche for Food Technology Professionals” organized by the Post Graduate Department of Food Technology, RBSETC, Bichpuri, Agra in association with: TRESBON Consulting Solutions & services Pvt. Ltd. Mumbai held on May 29, 2020.
- Attended National Webinar on “Introduction to Common Food Analysis Solutions & Recent Advances in Food Analytics” organized by the Post Graduate Department of Food Technology, RBSETC, Bichpuri, Agra in association with: FOSS India Pvt. Ltd. held on May 26, 2020.
- Attended National Webinar on “Novel Approaches to Overcome Impact of Current Pandemic Scenario on Food Sector” organized by Department of Food Engineering & Technology, Institute of Engineering & Technology, Bundelkhand University, Jhansi held on May 21, 2020.
- Participated in Two days awareness programme on “Food Safety Management System, Food Safety Standard Act Compliance & Auditing Principles” from 20th April 2018 to 21st April 2018 at Jaipur National University organized by OneCert International Private Limited.

International & National Quiz Competition Participation

- Participating and Securing 100% in International level Quiz Competition on “Environmental Awareness” on the occasion of World Environment Day organized by NSS Unit of Vanita Vishram Women’s College of Commerce, Surat held on 5th June 2020.
- Participated in E-QUIZ and successfully qualified by securing 50% marks on the occasion of “WORLD FOOD SAFETY DAY” held on 7th June 2020 organized by College of Dairy and Food Technology MPUAT, Udaipur (Rajasthan).
- Successfully participated in Food Safety Quiz, on the occasion of ‘2nd World Food Safety Day-2020’ organized by the Department of Food Technology, AKS University, Satna (Madhya Pradesh), India., held on 7th June 2020.
- Participate Food Safety Awareness Quiz 2020 on the occasion of World Food Safety Day with a passing score of 70% held on 6/08/2020 organized by Lyallpur Khalsa college Jal, Punjab.

Prabhat