

**Dr. Alka Mishra**  
**Assistant Professor (Food Plant Operations)**  
**College of Post Harvest Technology & Food Processing**  
**Sardar Vallabhbhai Patel University of Agriculture and Technology**  
**Modipuram, Meerut, Uttar Pradesh-250110**  
**Email: [2908alkamishra@gmail.com](mailto:2908alkamishra@gmail.com), [alkamishra@svpuat.edu.in](mailto:alkamishra@svpuat.edu.in)**  
**Contact No.: 9516115262**



**Research Areas:** Non-thermal processing, Photodynamic Inactivation, Solar powered pneumatic cleaning

### **Qualifications**

- B.Tech. (Agricultural Engineering) from Jawaharlal Nehru Krishi Vishwa Vidyalaya, Jabalpur
- M.Tech. (Agricultural Processing and Structures) from ICAR-Indian Agricultural Research Institute, New Delhi
- Ph.D. (Agricultural Processing and Structures) from ICAR-Central Institute of Agricultural Engineering, Bhopal outreach program of ICAR-Indian Agricultural Research Institute, New Delhi

### **Academic Achievements**

- Qualified ICAR NET in Agricultural Structures and Process Engineering
- Qualified ICAR NET in Agricultural Process Engineering
- Qualified ICAR SRF in Agricultural Structures
- Qualified ICAR JRF in Agricultural Engineering
- Qualified Gate in Agricultural Engineering

### **Conferences/Workshops/Life Membership**

- Presented paper during 52<sup>nd</sup> Annual Convention of ISAE & National Conference organized by AAU, Anand from 08-01-2018 to 10-01-2018.
- Participated in International Conference on “Natural Resource Management for Food Security and Rural Livelihoods” organized by Soil Conservation Society of India from 10-02-2015 to 13-02-2015.
- Participated in brain storming workshop in determining the road map for the future of grain storages in India organized by Division of Agricultural Engineering ICAR-IARI, New Delhi on 21<sup>st</sup> November 2015.

- Presented poster during 2<sup>nd</sup> International Conference on Advances in Agricultural, Biological and Applied Sciences for Sustainable Future (ABAS-2018) organized by Agricultural Technology Development Society, Ghaziabad from 20-10-2018 to 22-10-2018.
- Life Membership of Indian Society of Agricultural Engineers
- Life Membership of Association of Food Scientists and Technologists (India)

### **Work Experience**

- Worked as Guest Faculty (Post Harvest Process and Food Engineering) at Jawaharlal Nehru Krishi Vishwa Vidyalaya, Jabalpur

### **Publications**

- Mishra, A., Sinha, J., Singh, J., & Tomar, B. (2018). Development of solar powered pneumatic grain/seed cleaning system. *Indian Journal of Agricultural Sciences*, 88(11), 1676-81.
- Mishra, A., Sinha, J. P., Kaukab, S., & Tomar, B. S. (2019). Study of engineering properties of selected vegetable seeds. *Indian Journal of Agricultural Sciences*, 89(10), 1693-97.
- Mishra, A., Chakraborty, S. K., Tripathi, M. K., & Kotwaliwale, N (2020). Effect of 390 nm Light on Surface Microbes of Cut Carrots. *Current Journal of Applied Science and Technology*, 39(44): 52-57.
- Pahariya, P., Mishra, A., Choudhary, R & Lalita. (2023). Drying and pickling of cucumber slices: Processing of cucumber. *Journal of AgriSearch*, 10(1), 57-59.
- Kaukab, S., Sharma, P. D., & Mishra, A. (2023). Osmotic Dehydration of Aloe-vera Gel Discs: Dehydration of Aloe-vera. *Journal of AgriSearch*, 10(2), 118-123.

### **Awards**

- Recipient of ICAR-IARI scholarship in Ph.D. programme
- Recipient of ICAR-JRF Fellowship in M.Tech. programme