

Dr. Km. Sheetal Banga

ASSISTANT PROFESSOR

EDUCATION

- ASRB NET in Agril Process Engg 2015 & 2016
- ASRB NET in Agril Struct. & Env. Control 2017
- ASRB NET in Agril Processing & Structures 2018 I & II
- Ph.d in Agricultural Processing & Structures** 2015-2020
ICAR-CIAE BHOPAL (ICAR-IARI NEW DELHI)
- M.Tech in Agril Processing & Food Engg** 2012-2014
SVPUIAT, Meerut UP
- B.Tech in Agricultural Engg** 2008-2012
CSAUAT, Kanpur UP

EXPERIENCE

- Assistant Professor** Feb, 2025 to Continue
SVPUIAT, Meerut (UP)
- Assistant Professor** Jan, 2020 to Feb, 2025
Janta Vedic College, Baraut, UP
- Senior Research Fellow** Oct, 2014 to July, 2015
ICAR-CIPHET, Ludhiana

RESEARCH PROJECTS

Degree	Research Project	Advisor
Ph.D.	Bioacoustic detection system and modeling of insect sound spectra in stored food legumes	Dr. Nachiket Kotwaliwale
M.Tech	Osmo-convective dehydration of aonla slices: Influence of operating parameters on process kinetics	Dr. G.R. Singh
B.Tech	Comparative study on 50 hp range tractors	Er. T.K. Maheshwari

MEMBERSHIP

- Life Member of Indian Society of Agricultural Engineers
- Life member of Agricultural Technology Development Society, Ghaziabad, UP.
- Life member of Society for world, environment, food and technology, New Delhi.



CONTACT

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AWARDS

- Bronze Medal (B.Tech Degree)
- ICAR-SRF Doctoral Fellowship
- Article of the Year
- Best Research Thesis Award

ACHIVEMENTS

- Artificial intelligence model** for insect detection using sound
- Sensor based Automated** Insect detection in early stage

PUBLICATION

Citations (As on Jan 2025)	233 h index=5 i10=4
Total Publications	25 (7 Papers, 6 Chapters, 6 Articles etc.)
Top NAAS Rated paper	11.60 (Food Control)