

## Dr. Sunil Kumar

Associate Professor

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### Educational Qualifications

Exam/Degree	Division	Year of passing	Board / University	Medal/Award
B.Sc. (Agriculture)	I <sup>st</sup>	2007	ANDUAT, Ayodhya, (U.P)	-
M.Sc.(Ag) (Horti.) (Vegetable Science)	I <sup>st</sup>	2009	ANDUAT, Ayodhya, (U.P)	Vice Chancellor Gold Medal
Ph.D.(Vegetable Science)	I <sup>st</sup>	2012	G.B. Pant University of Agri. & Tech., Pantnagar	DST-Inspire Fellowship
Horticulture	Qualified	2010	ASRB (ICAR), New Delhi	-

### Work Experience

- **Associate Professor**, Department of Vegetable Science, Sardar Vallabhbhai Patel University of Agriculture & Technology, Meerut (**March 2025 to till date**)
- **Assistant Professor**, Department of Vegetable Science, Banda University of Agriculture Technology, Banda, U.P. (**September 2012 to March 2025**)

### Area of Specialization

Vegetable improvement

### Teaching and Mentoring of Students

- Taught various courses of vegetable Science in Undergraduate (13 Years), Postgraduate (7 Years), Ph.D. (5 Years) degree programmes
- Guided/Mentored students at various academic levels, including 70 Undergraduate, 6 Postgraduate.

### Major Achievements

- Sponge gourd variety Ken Swadist and Created breeding material of tomato, lablab bean and Kachari
- **Lab and research facility establishment:**
  - i. Established Vegetable Science Laboratory at BUAT, Banda
  - ii. Developed Vegetable Research farm at BUAT, Banda
  - iii. Modernization of Instructional Farm at BUAT, Banda

### Externally Funded Research Projects

- Development of integrated model for conjunctive and multiple uses of surface and groundwater resources in bundelkhand region, funded by Ministry of Agri, Gov. of Uttar Pradesh (**Rs. 348.4 Lakh Co-PI**)
- Conservation, nutritional profiling and utilization pattern of underutilized/traditional vegetable crop of bundelkhand funded by BUAT, Banda (**Rs.17.62 lakh, Co-PI**)
- Evaluation of Plant growth regulator Mepiquat Chloride 5% AS in Pumpkin. Gharda Chemical Limited, Maharashtra. (**Rs. 6.00 lakhs., 2018-19, Co-PI**)
- Mastercop against important disease in chilli funded by ADAMA, India, Pvt.Ltd. (**Rs. 4.00 lakhs., 2021-22, Co-PI**)
- Bioefficacy and phyto-toxicity evaluation of famoxadone 16.6% + cymoxanil 22.1% SC on downy mildew in gherkin/cucumber funded by Rainbow Agrosience Pvt. Ltd. (**Rs. 2.00 lakhs., 2022, Co-PI**)
- Humic acid with additives (liquid formulation) in chilli, funded by IPL, Biological TIC, Gurgram (**Rs. 2.00 lakhs., 2022, Co-PI**)

### **All India Coordinated Research Project (AICRP)**

- All India Coordinated Research Project (AICRP) on Cowpea (*vigna unguiculata* L.), funded by ICAR-IIPR Kanpur (Rs. Yearly contingency 2017 to 2025, PI).

### **Professional Award/ Recognition**

- Young Scientist Award, (AETDS)-2023
- Outstanding Services Award (BUAT)-2024
- One UK design patent on strawberry packing box without aroma diffuser

### **List of Publications**

#### **Summary Of Publications**

I.	Research Paper with Impact Factor	<b>-19</b>
II.	Review Article	<b>-02</b>
III.	Book	<b>-03</b>
IV.	Book Chapter	<b>-08</b>
V.	E-content	<b>02</b>
VI.	Practical Manual	<b>-05</b>
VII.	Technical Bulletin	<b>-02</b>
VIII.	Popular Article	<b>-13</b>
IX.	University Publication	<b>-02</b>