

**Dr. Shankar Rajpoot**  
**Assistant Professor (Post-Harvest**  
**Management) College of Horticulture VCSG**  
**UUHF, Bharsar, Uttarakhand**  
**Email: shankarrajpoot1466@gmail.com**



### **Profile Summary**

Dr. Shankar Rajpoot is an Assistant Professor (Contract) in the Department of Post-Harvest Management, specializing in Post-Harvest Technology, Food Processing, and Waste Valorization. He holds a Ph.D. in Post-Harvest Technology (2025) from Banda University of Agriculture and Technology, Banda, Uttar Pradesh. He has also received a Best Poster Presentation Award for his research work. His academic and research interests focus on developing value-added solutions for horticultural crops, reducing post-harvest losses, and promoting the efficient utilization of horticulture waste through innovative processing and valorization techniques.

### **Research Interests/ Specialization**

Horticultural Waste Valorization, Extraction and Characterization of Bioactive Compounds, Product Development

### **Recent Publications**

| <b>Sr. No.</b> | <b>Author</b>                                                                                                                                   | <b>title</b>                                                                                                       | <b>Journal/NA AS rating</b>                                    | <b>Vol.</b> | <b>Year</b> |
|----------------|-------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|-------------|-------------|
| <b>1.</b>      | Vigya Mishra, <b>Shankar Rajpoot</b> , Priya Awasthi, Vishal Chugh, S. C. Singh, Amit K Singh, Balaji Vikram, Shubham Gangwar                   | Effect of Storage Temperature on Physical and Functional Properties of Carambola Bagasse Powder                    | Journal of Advances in Biology & Biotechnology (5.30)          | <b>28</b>   | <b>2025</b> |
| <b>2.</b>      | <b>Shankar Rajpoot</b> , Priya Awasthi, Vigya Mishra, Vishal Chugh, HS Negi, Subhash Chandra Singh, Shubham Gangwar, Rohit Kumar and Amit Kumar | Storage stability and organoleptic assessment of guava-ginger blended ready-to-serve                               | International Journal of Advanced Biochemistry Research (5.29) | <b>9</b>    | <b>2025</b> |
| <b>3.</b>      | Shubham Gangwar, Priya Awasthi, Vigya Mishra, Akhilesh Chandra Mishra, Ashutosh Rai, Gaurav                                                     | Comparative phyto-chemical profiling and nutritional evaluation of Mosambi ( <i>Citrus sinensis</i> L.) and kinnow | International Journal of Advanced Biochemistry                 | <b>9</b>    | <b>2025</b> |

|    |                                                                                                                                                   |                                                                                                                                                             |                                                                               |                           |      |
|----|---------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|---------------------------|------|
|    | Shukla, Subhash<br>Chandra Singh, Rohit<br>Kumar and <b>Shankar Rajpoot</b>                                                                       | ( <i>Citrus reticulata</i> )<br>juices: Implications for<br>antioxidant and<br>functional beverage<br>applications                                          | Research<br>(5.29)                                                            |                           |      |
| 4. | VS Bijane, SR Dalal,<br>Shri Kant Bharty,<br>Rutuja Shirsath,<br><b>Shankar Rajpoot</b> ,<br>Amrita Mohapatra,<br>Rohit Kumar and<br>Shubham Jain | Studies on preparation<br>of guava syrup and<br>changes in physico-<br>chemical characteristics<br>during storage                                           | International<br>Journal of<br>Advanced<br>Biochemistry<br>Research<br>(5.29) | 8                         | 2024 |
| 5. | <b>Shankar Rajpoot</b> ,<br>Vigya Mishra, Priya<br>Awasthi, Vishal Chugh,<br>Ashutosh Rai, Gaurav<br>Shukla and Shubham<br>Gangwar                | Effect of Storage Time<br>on Physico-chemical<br>Properties and<br>Bioactive Potential of<br>Mix Fruit Juice Powder<br>Fortified with<br>Carambola Bagasse  | European<br>Journal of<br>Nutrition &<br>Food Safety<br>(5.14)                | 16                        | 2024 |
| 6. | Rohit Kumar, Priya<br>Awasthi, Subhash<br>Chandra Singh and<br><b>Shankar Rajpoot</b>                                                             | Functional Properties of<br>Kinnow Mandarin<br>( <i>Citrus reticulata</i><br>Blanco) as Influenced<br>by Different Packaging<br>Materials During<br>Storage | The Scientist<br>(6.85)                                                       | ISS<br>N:<br>0890<br>3670 | 2022 |

### Education

| Sr. No. | Examination                     | University/Institute                                 | Main Subject            | Year |
|---------|---------------------------------|------------------------------------------------------|-------------------------|------|
| 1.      | Ph.D. (Post Harvest Technology) | Banda University of Agriculture and Technology Banda | Post Harvest Technology | 2025 |
| 2.      | M.Sc. (Post Harvest Technology) | Banda University of Agriculture and Technology Banda | Post Harvest Technology | 2021 |
| 3.      | B.Sc. (Hons) Horticulture       | Banda University of Agriculture and Technology Banda | Horticulture            | 2019 |

### Work History

| Academic Experience |                     |                    |             |
|---------------------|---------------------|--------------------|-------------|
| Duration            | Post                | Organization       | Nature      |
| Oct 2026 - Present  | Assistant Professor | VCSG UUHF, Bharsar | Contractual |
| March 2025          | Young Professional  | RLBCAU, Jhansi     | Contractual |

**Professional Activities**

| <b>Activity/ Membership memberships</b> | <b>Organization</b>                                                                                                        | <b>Since</b> |
|-----------------------------------------|----------------------------------------------------------------------------------------------------------------------------|--------------|
| Life Membership                         | Life Member of Indian Society of Agriculture Science and Technology Research (ISASTR), Noida, India Membership No. L/1229. | <b>2024</b>  |
| Life Membership                         | Food Science Technology and Nutrition (FSTN) Exploration Foundations, Reg. FSTNLM99                                        | <b>2023</b>  |

**Awards/ Achievements**

| <b>Awad</b>              | <b>Organization</b>                                      | <b>Year</b> |
|--------------------------|----------------------------------------------------------|-------------|
| Best Poster Award        | Rani Lakshmi Bai Central Agricultural University, Jhansi | 2026        |
| Best M. Sc. Thesis Award | Guru Kashi University, Talwandi Sabo, Bathinda (Punjab)  | 2024        |
| YOUNG RESEARCHER AWARD   | FSTN Exploration Foundation                              | 2023        |

| <b>S. No.</b> | <b>Publication name</b>                              | <b>Number</b> |
|---------------|------------------------------------------------------|---------------|
| <b>1.</b>     | Computer Certificate                                 | 01            |
| <b>2.</b>     | Course Certificate                                   | 02            |
| <b>3.</b>     | Book                                                 | 01            |
| <b>4.</b>     | Book Chapter                                         | 10            |
| <b>5.</b>     | Research Paper                                       | 07            |
| <b>6.</b>     | Review Paper                                         | 02            |
| <b>7.</b>     | Abstract                                             | 07            |
| <b>8.</b>     | Popular Article                                      | 21            |
| <b>9.</b>     | Participation in National Webinar & Seminal          | 06            |
| <b>10.</b>    | Participation in Workshop/Training                   | 12            |
| <b>11.</b>    | Participation in Poster or Oral Presentation         | 02            |
| <b>12.</b>    | Participation in National & International Conference | 03            |
| <b>13.</b>    | Lifetime Membership                                  | 03            |
| <b>14.</b>    | Winter School                                        | 02            |
| <b>15.</b>    | NSS                                                  | 01            |