

Curriculum Vitae

Dr. HEERA LAL SHARMA

9636117655

Sharmahiralal91@gmail.com



CAREER OBJECTIVE

I am seeking a teaching position as an Assistant Professor in Horticulture (Vegetable Science, Fruit Science, Floriculture and Landscaping, Post-Harvest management, Forestry, Spices, Medicinal, Aromatic and Plantation crops). I desire to become a part of an education community and make a difference in the lives of the students. I believe in the philosophy of teaching advanced techniques to develop a student's expertise in specific areas. I have hands-on experience at the graduation/ post-graduation level education facilities and the ability to handle the syllabus of the undergraduate and graduate curriculums. I am familiar with the work culture of a College/ University departments, and I can significantly contribute to the efficient management and administration.

ACADEMIC PROFILE

S. No.	Educational Qualification	University/Board	Year of passing	Percentage /Division	Subject/ Specialization
1	Class X	Rajasthan Board of Secondary Education	2007	58.33% Second	All
2	Class XII	Rajasthan Board of Secondary Education	2009	71.54% First	Agriculture
3	B.sc Agri. (Hons.)	SKRAU Bikaner (Raj.)	2014	63.00% First	Agriculture
4	M.sc. Hort.	Bhagwant University Ajmer (Raj.)	2016	75.00% First	Horticulture
5.	Ph.D	Sangam University Bhilwara (Raj.)	2023	72.90% First	Horticulture

WORK EXPERIENCE

1. Working with Sangam University as Assistant Professor in Horticulture from May 2019 to Cont...
2. Worked as Lecturer in Agrotech College Bhilwara (Raj) (June 2016 to Feb.2019)
3. Worked as Teacher in Sanjeevani classes Bhilwara. (Raj) (2 Year)
4. Worked as Teacher in Aadarsh Vidya Mandir Madhyamik Vidyalay, Kotari-Bhilwara (June, 2009 to March 2010)

ACADEMIC PROJECTS

- Ph.D. Research Thesis on “Integrated nutrient management in tomato (*Lycopersicon esculentum* L.) under southern Rajasthan condition”
- M.Sc. Research Thesis on “Effect of Different Sources of Manuring on Growth, Yield and Quality of Capsicum (*Capsicum annum*) cv. California wonder under Low Cost Poly-House Condition”
- RAWE (Rural Agriculture Work Experience) programmed in K.V.K (Krishi Vigyan Kendra) Nainwa Road Bundi city in 2014 (Jan.2014 to June 2014)

CERTIFICATE COURSES

1. Organic Farming for Sustainable Agriculture Production is completed from NPTEL-AICTE (IIT Kharagpur) With Overall Percentage is 43.00
2. Post Harvest Management In Fruits And Vegetables Is Completed From School Of Agriculture Science And Technology Sangam University Bhilwara On 21th Dec. To 25 March 2020.
3. “RS-CIT” Completed from Vardhman Mahaveer Open University (VMOU), Kota. May 2013.

PUBLICATIONS

1. **Heera Lal Sharma**¹, Pushkar Choudhary, Gajendra Singh, Rajveer Singh Rawat and Dr. Bhanwar Lal Jat. Effect of Different Sources of Manuring on Growth, Yield and Quality of Capsicum (*Capsicum annum*) cv. California wonder under Low Cost Poly-House Condition (IJRASET) Volume 4 Issue IX, September 2016, IC Value: 13.98 ISSN: 2321-9653 <https://www.ijraset.com/files/serve.php?FID=5566>
2. Evolution of lines and there hybrids against early blight (*alternaria solani*) in tomato Nitin kumar, sheekha, Ajay kumar jaiswal, **Heera lal sharma**. Research journal of agriculture science, 2020, REF.NO.RJAS/ 6297/20
3. Paper presented “The effect of Integrated Nutrient Management practices in vegetable crops” International conference on Analytical & Interdisciplinary Research (ICAIR) at Sangam University, Bhilwara during 05-06th Feb, 2021.
4. Paper presented “Impact of Integrated Nutrient Management on Growth of Tomato (*Lycopersicon esculentum* L.)” International conference on Analytical & Interdisciplinary Research (ICAIR) at Sangam University, Bhilwara during 06-08th Oct, 2022.
5. **Heera lal Sharma**, S.P. Tailor, Kuldeep Singh Rajawat and Keshav Prasad Kurmi. Effect of integrated nutrient management on the growth, yield parameters and economics in tomato (*Lycopersicon esculentum* L.) under Southern Rajasthan conditions. The Pharma Innovation Journal 2023; 12(3): 321-326 ISSN (E): 2277-7695
6. **Heera Lal Sharma**, S. P. Tailor and Kuldeep Singh Rajawat. Effect of Integrated Nutrient Management Practices on the Quality Parameters in Tomato (*Lycopersicon esculentum* L.) under Southern Rajasthan Conditions. Current Journal of Applied Science and Technology Volume 42, Issue 3, Page 15-20, 2023; Article no.CJAST.96915 ISSN: 2457-1024

7. AkankshaUpadhyay, **Heera Lal Sharma** and Dr. GunmalaGugalia. Green Synthesis of Metal Nanoparticles Using Plant Extracts.Advances in Bioresearch Vol14[5/6] 2023. Acceptance Paper ID: ABR-F-8905.2023

8. Ravina Dadhich, Ajay Kumar Jaiswal, **HeeraLal Sharma** and Gunmala Gugalia. Phycoremediation of Waste Water of Gandhi Sagar Pond, Bhilwara. Advances in Bio research vol14[5/6] 2023. Vol 14 (6) November 2023: 596-600 Print ISSN 0976-4585; Online ISSN 2277-1573

9. **Heera Lal Sharma**, Ajay Kumar Jaiswal and Gunmala Gugalia. The Effect of Integrated Nutrient Management Approach in Vegetable Crops. Indian Journal of Natural Sciences Vol.15 / Issue 83 / Apr / 2024, ISSN: 0976 – 0997

10. Ajay Kumar Jaiswal, **Heera Lal Sharma** and Gunmala Gugalia. Mushroom-A Nutritious and Environment Friendly Crop: A Review. Bhartiya Krishi Anusandhan Patrika, Volume 39 Issue 2: 137-141 (June 2024),

Articles

1. धर्मेन्द्र कुमार, डॉ. हेमराज मीणा एवं **हीरा लाल शर्मा** जीरो बजट खेती विशेष: देसी जीवामृत बनाने के फायदे एवं प्रयोग करने की विधि. एग्री आर्टिकल्स, आई. एस. एस. एन.: 2582-9882 वर्ष: 01, अंक: 05 (नवम्बर-बिसम्बर, 2021)
2. डॉ. हेमराज मीणा, धर्मेन्द्र कुमार एवं **हीरा लाल शर्मा** कृषि कुंभ : जीरो हंगर लक्ष्य - चुनौतियां एवं भारत के प्रयास, इ - आई. एस. एस. एन.: 2582-9769 खण्ड 03 भाग 03, पृष्ठ संख्या 95 -97 (अगस्त, 2023)
3. Hemraj Meena, Shakshi Mankotia and **Heeral Lal Sharma** The Agriculture Magazine: Camelids: Heroes of Deserts and Highlands, E-ISSN: 2583-1755 VOLUME-3, ISSUE-4 JANUARY 2024
4. Hemraj Meena, **Heera Lal Sharma** and Meena Rani The Agriculture Magazine: Women Farmers in India: Challenges and Opportunities E-ISSN: 2583-1755 VOLUME-3, ISSUE-9 May, 2024

PATENT

1. **Title:-**Systematic Approach for Genetic Analysis of Mushroom Formation For Increasing the Mushroom Yield

Application No.202241063573 A

Publication Date: 18/11/2022

2. **Title: -** Smart Agricultural Techniques Based on Iot for Detection of Soil Nutrition and Plant Disease

Application No. 202311002124 A

Publication Date: 13/01/2023

BOOK CHAPTER

Keshav Prasad Kurmi, Dharmendra Kumar, Ajay Kumar Jaiswal & **Heera Lal Sharma** (2022). Nutrient Cycling and Plant Nutrition, Microbe's Interactions through Agencies: Plant Soil Microbial Interactions (Theory to Applications). (ISBN: 978-93-94779-52-5)

INTERNATIONAL & NATIONAL CONFERENCE ATTENDED:

1. International conference on Environmental & Climate Consequences: Challenges & Mitigation Strategies at Sangam University, Bhilwara during 21-22nd Dec, 2019.
2. International conference on Analytical & Interdisciplinary Research (ICAIR) at Sangam University, Bhilwara during 05-06th Feb, 2021.
3. International conference on Analytical & Interdisciplinary Research (ICAIR) at Sangam University, Bhilwara during 06-08th Oct, 2022.

FACULTY DEVELOPMENT PROGRAMME

1. FDP “A Lecture Series on Agriculture” organized by Shri Vaishnav Institute Of Agriculture, Shri Vaishnav Vidyapeeth Vishwavidyalaya, Indore On 5-7th Aug.2021
2. FDP “ICT Tools for Effective Teaching Learning” Organized by Internal Quality Assurance Cell (IQAC) Sangam University, Bhilwara on 26th July to 2nd August 2021.
3. FDP “Outcome Based Education & Its Implementation” Organized by Internal Quality Assurance Cell (IQAC), Sangam University, bhilwara On 12-13th April.2022.
4. FDP “Benchmarking Quality Enhancement Initiatives through Innovative Practices” Organized by Internal Quality Assurance Cell (IQAC), Sangam University, bhilwara on 12-13th July 2022.
5. FDP “How to Develop Project Proposal” Organized by Internal Quality Assurance Cell (IQAC), Sangam University, bhilwara on 20-21th Oct, 2022.
6. One Week IFDP “Improving the Skills of Early Career Researchers” Organized by Sher-e-Kashmir University of Agricultural Sciences and Technology & Just Agriculture Education Group on 15-21th Dec, 2022.
Certificate No. JA/FDP/320

NATIONAL WEBINAR/ WORKSHOP

- National quiz on “seed certification” organized by National Seed Project, Swami Keshwanand Rajasthan Agriculture University, Bikaner Rajasthan, India and scored 80%
- National webinar “Prospects of Cosmic and Organic Farming in India” organized by Om Sterling Global University, Hisar, India
- National quiz on “Locust Awareness” organized by KVK Neemuch of Rajmata Vijayaraje Scindia Krishi Vishwavidyalaya, Gwalior, (MP)_India
- National quiz on “Knowledge in Seed Technology” organized by Centre of Excellence for Digital Farming Solutions for Enhancing Productivity by Robots,Drones and AGVs (DFSRDA) Vasantrao Naik Marathwada Krishi Vidyapeeth, Parbhani Maharashtra, India

- National webinar on “Agriculture: The Back-Bone of Indian Economy” held on 2nd July, 2020, organized by Pacific Academy of Higher Education and Research University, Udaipur, India
- National quiz on “Integrated Pest Management in Agriculture” organized by Department of Agriculture, Mandsaur University, Mandsaur (M.P.) India
- National webinar on “Student READY Programme for Entrepreneurship and Employability” held on 25th Feb, 2021 organized by Department of Extension Education, Rajasthan College of Agriculture, Maharana Pratap University of Agriculture and Technology, Udaipur, Rajasthan.
- National webinar on “Opportunity in Agriculture” held on 25th May, 2021. Jointly organized by Sangam University Bhilwara (Raj.) and Maharana Pratap University of Agriculture and Technology, Udaipur (Raj.) India

ACADEMIC REFEREES

Dr. Kuldeep Singh Rajawat (Assistant Professor, Horticulture) Department of Horticulture, College of Agriculture, Nagaur, Rajasthan 341001. Area of specialization: vegetable science, Hi-tech Horticulture, Polyhouses, vegetable breeding) E- rajawatkd@gmail.com (Mobile No. - 9828660924, 7737384799)

SPECIAL ACTIVITIES

Joint entrance test (JET) marketing and 30+ admission

PERSONAL PARTICULARS

Father name: Sri Mohan Lal Sharma

Date of birth: 08 -07-1991

Address: Vill. & Post –Jitya Maphy, Dist. – Bhilwara, Raj. 311025

Marital status: Married

Nationality: Indian

Language known: Hindi & English

Declaration

The information mentioned above is true to the best of my knowledge and, I am solely responsible, if any of the details stated above found false.

Date: 08-05-2025

Place: Bhilwara



Signature of the candidate

(Dr. Heera Lal Sharma)