

# ACADEMIC RESUME

## Dr. Ram Kunwar

Assistant Professor, Department of Genetics and Plant Breeding  
College of Agriculture, Baseri (Dholpur)  
Sri Karan Narendra Agriculture University, Jobner, Rajasthan – India

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<https://scholar.google.com/citations?user=ItcCsrGAAAAJ&hl=en&oi=ao>

## 1. Professional Profile

Dr. Ram Kunwar is an academician and crop improvement scientist with more than eight years of experience in teaching, research, and extension in Genetics and Plant Breeding. His research focuses on genetic enhancement, varietal development, genetic diversity analysis, and breeding for abiotic stress tolerance in seed spices and field crops. He has contributed to the development and national release of improved fennel, coriander, and fenugreek varieties and is actively involved in crop improvement programmes under AICRP. He has published more than 25 research papers in reputed national and international journals and has successfully guided postgraduate students.

## 2. Current Position

### Assistant Professor

Department of Genetics and Plant Breeding  
College of Agriculture, Baseri (Dholpur)  
Sri Karan Narendra Agriculture University, Jobner

**Date of Joining:** 20 February 2018

**Total Experience:** 8+ Years

## 3. Educational Qualifications

Degree	Discipline	University	Year	Division
Ph.D.	Plant Breeding & Genetics	SKNAU, Jobner	2019	First
M.Sc. (Ag.)	Plant Breeding & Genetics	MPUAT, Udaipur	2014	First
B.Sc. (Ag.) Hons.	Agriculture	SDAU, Gujarat	2012	First
12th	Biology	BSER, Ajmer	2006	First

## 4. Research Specialization

- Crop Improvement and Varietal Development
- Seed Spices Breeding (Fennel, Coriander, Fenugreek & Cumin)
- Abiotic Stress Tolerance Breeding
- Germplasm Evaluation
- Molecular and Conventional Breeding

## **5. Varieties Developed / Released / Identified**

### **Nationally Notified Varieties:**

- Fennel RF-289 (Karan Saunf-1)

### **Identified and Recommended for National Release:**

- Coriander RCr-565 (Karan Dhania-1)
- Fenugreek RMt-259 (Karan Methi-1)
- Fennel RF-231 (Karan Saunf-2)

## **6. Research Projects**

### **Principal Investigator**

- Establishment of Herbal Park and Post-Harvest Management of Medicinal and Aromatic Plants (RKVY funded)
- Ad hock Project on Arid Legume (Mothbean)

### **Assistant Breeder**

- All India Coordinated Research Project on Spices (AICRP)
- MLT/Station trial on different field crops (Barley, Chick pea, Cluster bean, Cow pea and Sesame)

## **7. Research Publications**

- Total Research Papers: 25+
- Published in reputed national and international journals including:
  - Indian Journal of Agricultural Sciences
  - Gesunde Pflanzen
  - Agricultural Reviews
  - Journal of Plant Development Sciences

### **Research Areas:**

- Genetic variability
- Molecular diversity
- Stress tolerance
- Crop improvement

## **8. Teaching Experience**

- Teaching UG and PG courses in:
  - Genetics
  - Plant Breeding
  - Crop Improvement
  - Seed Production Technology

- Biotechnology
- Genomics
- IPR
- **Teaching Experience: 8+ Years**

## **9. Student Guidance**

### **Major Advisor:**

- M.Sc. Students Guided: 7
- Ph.D. Students Guiding: 2
- M.Sc. Students Guiding: 1

**Minor Advisor / Committee Member:** 15+ students

## **10. Awards and Honors**

- Certificate of Appreciation by Honourable Vice Chancellor, SKNAU, Jobner
- As a key member of the ICAR–All India Coordinated Research Project (AICRP) on Spices at Jobner, contributed to the centre being conferred the ‘Best ICAR Centre’ award for 2022–23 by the Project Coordinator, ICAR–AICRP on Spices, Kozhikode, Kerala.
- ICAR Senior Research Fellowship (SRF)
- ICAR National Talent Scholarship
- Qualified ASRB-NET (Genetics & Plant Breeding)
- Best Poster Award – National seminar cum 9<sup>th</sup> Science Congress

## **11. Extension and Outreach Activities**

- Organized farmer training programmes
- Herbal Park establishment and farmer capacity building
- Delivered expert lectures and extension talks
- Published technical bulletins and popular articles

## **12. Professional Contributions**

- Associated with AICRP on Spices programme
- Contribution to national varietal development programmes
- Active involvement in teaching, research, and extension

## **13. Research Impact Summary**

- 04 crop varieties contributed to national release / identification
- 25+ research publications
- 8+ years academic experience
- PG and PhD student guidance
- Externally funded research project completed

## **14. Membership in Professional Societies**

- Member of professional societies related to Genetics and Plant Breeding