



**SHAIENDRA S. GAURAV**, PhD

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**DR. SHAIENDRA SINGH GAURAV**, Dean, Faculty of Agriculture, Professor & Ex-Head, Department of Genetics & Plant Breeding, Ch. Charan Singh University, Meerut (UP) India has joined this department as Lecturer in December 2001 after completion of his **doctoral degree from ICAR- Indian Agricultural Research Institute, Pusa, New Delhi**. Currently, he is also head departments of biotechnology, Seed Science & Technology, Intellectual property Cell, All India Survey on Higher Education Cell as coordinator/nodal officer of this university.

Prof. Gaurav is presently engaged in the **research activities** are focused on the different areas of Plant Breeding, Seed technology and plant biotechnology to address the local concern of Western UP that includes morphological, biochemical & molecular characterization and evaluation of genetic diversity, heterosis breeding in various crops like wheat, rice, lemon grass, basil, chickpea, pea etc. Recently, Prof. Gaurav & his team have initiated their research work to exploit the possibilities for the **development of nano-bio pesticides** against early & late blight of potato and white grub of sugar cane crop. Dr. Gaurav is also **engaged in teaching of Masters (M.Sc. & M.Phil) and Doctoral programme**. Besides this, he has **supervised 12 PhD students and 25 MPhil students** and more than a dozen M.Sc. students

He has an excellent academic carrier having **won Gold Medal for his M.Sc. (Ag) degree** at MPKV, Rahuri, Maharashtra and has been **recipient more than 15 awards** from different scientific bodies including best teacher award by **Hon'ble HE late Sh. Ram Naresh Yadav Ji, Governor, Govt. of Madhya Pradesh, India** and also several other awards i.e. **Science Leader Award** by ICAR-IIRR, Hyderabad in 2015 & **Science Initiator Award** 2016 by Raj Mata Sciendia Agril. University, Gwalior, MP. He has also **organized more than 10 national and 12 international conferences** out of which four were outside the country with **collaboration** of foreign university i.e. Kasetsart University, **Bangkok**, Thailand, Nanyang Technological University, **Singapore** and Nong Lam University, **Ho Chi Minh City**, Vietnam and MAHSA university, **Kuala Lumpur**, Malaysia. He has visited many countries for academic purpose like ISTA lab, Angers, **France**, National University of Kyiv, **Ukraine**, **Malasiya**, Singapore, Thailand etc. Out of his research contributions, he has been able to **publish 92 original research papers** in peer-reviewed journals of national and international repute and **01 patent** credited to him. Apart from this, he has also authored **06 text books**, **10 popular articles**, **02 book chapter** and more than **100 abstracts** and the **editor** of six NAAS rating journals and handled **two major research projects**.

### **HIS RESEARCH INTEREST**

#### **Broad Area:**

Plant Breeding, Seed Technology, Plant Biotechnology, Plant Pathology

#### **Specific Area:**

Seed Priming, Bio-nao pesticides, Heterosis breeding, Genetic diversity analysis of crop plants, Molecular Breeding, Seed pathology