

**Dr. Vipin Kumar**

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(Hort. & Vegetable Science)  
Directorate of Research  
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**Qualification:** Ph.D. (Horticulture)

**Specialization:** Vegetable Science,

**Research Achievements:**

- Working on INM practices in horticultural crops
- Develop the composting method of NADEP composting and study of NADEP material on different crops.i.e. Okra, Potato, Brinjal etc.

**Projects Handled**

- Mega Seed Project on “Seed production on field crops, Horticultural and Fisheries” funded by ICAR, New Delhi.
- Plant health clinic funded by State Horticultural Mission, SHM, Lucknow

**Notification of crop varieties and registration of germplasm:** Registered six mutants of black gram (*Vigna mungo*) to NBPGR New Delhi (IC Nos. 557431, 557432, 557433, 557434, 557435 and 557436). Out of these two germplasm was found as unique germplasm by the Plant Germplasm Registration Committee of the Indian Council of Agricultural Research vide Registration No. INGR 07028 and INGR 09034.

**Teaching:** Course Taught in the department of Horticulture : Work Programme (AWP -110), Post Harvest management and value addition of fruits and vegetables (APH -311), Production Technology of Spices, Aromatic, Medicinal and Plantation crops (APH-221)

**Students guided:** Ph.D. (01), M.Sc. (02) and UG (03)

**Extension:** Attended Kisan Melas at the university and interact the farmers regarding their quarries about vegetable crops. Beside this delivered the lectures on vegetables crops in Kisan gothies and other social functionaries.

**Trainings:** 18 Seminar/Symposia and 12 trainings have been attended so far in India and abroad.

**Publication: Total :** Research papers - 41, Abstracts - 53, Popular articles: - 11 and Book chapter – 01

1. **Vipin Kumar**, Shailendra Sharma, Amit Kumar Sharma, Shiveta Sharma and K.Venkataramana Bhat (2009). Comparative Analysis of Diversity Based on Morpho-agronomic traits and microsatellite markers in common bean., *Euphytica*, 170: 249-262.

2. **Vipin Kumar**, Shailendra Sharma, Shubham Kero, Shiveta Sharma, Amit Kumar Sharma, Mukesh Kumar and K. Venkataramana Bhat (2008). Assessment of genetic diversity in common bean (*Phaseolus vulgaris* L.) germplasm using Amplified Fregment Length Polymorphism (AFLP). *Scientia Horticulturae*, 116: 138-143.
3. Tara Satyavati C, Bhat K.V., Bhardwaj ch., Tiwari S.P., Chaudhary **Vipin Kumar** (2006). AFLP based DNA profiling and genetic diversity assessment of Indian Soybean [*Glycine max.* (L)] varieties. *Genetic Resources and Crop Evaluation*. 53:1069-1079.
4. **Vipin Kumar**, Shailendra Sharma, Amit Kumar Sharma, Mukesh Kumar, Shiveta Sharma Sunil Malik, K.P.Singh and K.V. Bhat (2008). Study of genetic diversity in Indian common bean (*Phaseolus vulgaris* L.) using random amplified polymorphic DNA markers. *Physiol. Mol. Biol. Plants*, 14(4): 383-387.
5. Arvind Kumar, Ashok Kumar, **Vipin Kumar**, Mukesh Kumar, B Singh and Pankaj Chauhan (2012) Recycling of Harmful Weeds Through NADEP. Composting. *Vegetos* 25 (1) : 315-318.

- Awards:**
1. Young Scientist award for the year 2008 by Green Cross Society, Agra (UP). during the “International Symposium on World Trade Organization and Impacts on Agriculture”
  2. APSI Young Scientist award for the year 2008 by Academy of Plant Sciences India.
  3. Certificate of Excellence, by the Academy of Plant Sciences India,

**Membership of professional societies:** 06

**Associate Editor of the Journal:**

- Advances in plant Sciences
- Journal of plant development sciences

**Additional duties:**

- Worked as officer in charge of seed processing plant. (2008 – 2010).
- Established the seed processing unit at the university.
- Established the seed testing laboratory at the university
- Bearing the duty of officer-in-Charge of Dantal farm of the university