

**Dr. Mukesh Kumar**

Asstt. Director/Asstt Prof.

(Plant Breeding)

Directorate of Research

Ph. No: 0121 – 2888504 (O) +91-9412803753 (M)

E-mail: dahiyaadr@gmail.com

**Qualification:** Ph.D. (Ag. Botany)**Specialization:** Plant Breeding**Research:**

- ❖ Working on forage sorghum and pulse improvement programme
- ❖ Maintenance of nucleus and Breeder Production seed of different field crops.

**Variety Developed:** Pusa Krishma variety of Indian mustard**Projects Handled:**

- ❖ Mega Seed Project on “Seed production on field crops, Horticultural and Fisheries” funded by ICAR, New Delhi.
- ❖ Development of high yielding disease resistant forage crops (Berseem, Oat, Sorghum and Cowpea ). Funded by UPCAR, Lucknow.

**Teaching : Course Taught** in the department of Genetics and Plant Breeding

- Seed production technology (AGP-340)
- Breeding for Legumes, Oilseeds and Fibre Crops (GP-512)
- Maintenance Breeding, Concepts of Variety Release and Seed Production (GP-515)
- Advances in plant breeding systems (GP-605)
- Molecular and chromosomal manipulations for crop breeding (GP-604)
- Mutagenesis and mutation breeding (GP-505)

**Extension:**

Attended Kisan Melas at the university and interact the farmers regarding their quarries about field crops. Beside this delivered the lectures on field crops in Kisan gosthies and other social functionaries.

**Trainings: 14 Seminar/Symposia and 06 trainings** have been attended.**Publication: (Total 25 research papers, 36 Abstracts, 10 popular articles and 01 Book chapter)**

1. **Mukesh Kumar**, Chaudhary B.S. and Singh, J.B. (2006). Generation mean analysis of some important quantitative characters in Gobhi Sarson (*Brassica napus* L.) Indian Journal of Oilseed Research 23: (1) 22-25.

2. Vipin Kumar, Shailendra Sharma, Amit Kumar Sharma, **Mukesh Kumar**, Savita Sharma, Sunil Malik, K.P. Singh, R.S.Sengar and K.V. Bhat.(2008) Genetic diversity in Indian common bean (*Phaseolus vulgaris* L.) using random amplified polymorphic DNA markers. *Physiol.Mol. Biol. Plants*, 14 (4) 383-387.
3. **Mukesh Kumar**, B.S. Chaudhary, Mukesh Kumar and Vipin Kumar(2008) Combining ability analysis for seed yield and its component in Gobhi Sarson (*Brasica Napus* L.) *Progressive Agriculture* 8 (2): 219-223.
4. Arvind Kumar, B. Singh and **Mukesh Kumar**. (2011).Exploitation of hybrid vigour for yield in *Lagenaaria siceraria* (Mlina) Standl using Line x Tester analysis. *Vegetos*, Vol. 24 (2) 45-48.
5. Malik, R.S., Ritu Malik and **Mukesh Kumar**. (2004). White rust (*Albugo Candida*) infection in relation to erucic acid content in mustard (*Brassica juncea* L. Czern and coss) *Indian Journal of Genetics and Plant Breeding* 64: (4) 261-266.

**Membership of professional societies: 06**

**Awards:**

Young Scientist award (2007) received from Bio-Vied Research Society, Allahabad, UP, India.

**Additional duties:**

- Worked as officer in charge of seed processing plant. (2006 – 2008).
- Established the seed processing unit at the university.
- Established the seed testing laboratory at the university
- Beard the duty as Asstt. Director Farm of Chirori farm of the university (2008-2010)