

**Kapil Kumar Tiwari, Ph.D.****Assistant Professor**

Bio Science Research Centre

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Date of birth : 02-12-1982

<b>Higher Qualification:</b>	
Ph.D. (Biotechnology) (2014)	Thesis entitled "Identification and validation of differentially expressed genes in Pusa Rice Hybrid 10 and its parental lines" was carried out at National Research Centre on Plant Biotechnology, New Delhi
M.Sc. (Ag) Biotechnology (2006)	Chandra Shekhar Azad University of Agriculture and Technology, U.P.
Other Qualification	National Eligibility Test (NET), Conducted by ICAR
<b>Research Experience (11 years)</b>	
<b>Publications:</b> Research paper: 21 Book chapter: 04 Text Book: 01	

**Assistant Professor:** Since April 2014, working as Assistant Professor at S. D. Agricultural University, S. K. Nagar, Gujarat.

**Research projects completed as a project investigator:**

- "Elucidation of genomic profile and evolutionary relatedness of Amaranthus Genotypes". Funded by GSBTM.
- "Tagging of wilt resistant gene(s) in castor (*Ricinus communis* L.)" Government of Gujarat (Plan Scheme).

**On-going research project:**

"Mainstreaming sesame germplasm for productivity enhancement and sustainability through genomics assisted core development and trait discovery" funded by DBT (Continue from March 2020).

(Multi Institutional Project)

**Contributed in the release of varieties:**

DNA profiling was carried out for release of more than 10 varieties in various crops.

**Training organised:**

Twenty one days ICAR sponsored training programme on "Allele mining: Methods and Utility" was organised as a coordinator during 2016 at C. P. College of Agriculture, SDAU, S. K. Nagar, Gujarat.

**Selected International Publications:**

- ✓ **Tiwari, Kapil K.**, Nevy J. Thakkar, Darshan T. Dharajiya, Hetal L. Bhilocha, Parita P. Barvaliya, Bhemji P. Galvadiya, N. N. Prajapati, M. P. Patel, and S. D. Solanki. "Genome-wide microsatellites in amaranth: development, characterization, and cross-species transferability." *3 Biotech* 11, no. 9 (2021): 1-12.
- ✓ Dharajiya, Darshan T., Anshuman Shah, Bhemji P. Galvadiya, M. P. Patel, Rishi Srivastava, Nalin K. Pagi, S. D. Solanki, Swarup K. Parida, and **Kapil K. Tiwari**. "Genome-wide microsatellite markers in castor (*Ricinus communis* L.): Identification, development, characterization, and transferability in Euphorbiaceae." *Industrial Crops and Products* 151 (2020): 112461.
- ✓ **Kapil K Tiwari**, A. Singh, S. Pattnaik,... & T. Mohapatra Identification of a diverse mini-core panel of Indian rice germplasm based on genotyping using microsatellite markers *Plant Breeding*. 134 (2) 164-171 2015
- ✓ V. Kumar, A. Singh, S. A. Mithra, ...**Kapil K Tiwari**... and T. Mohapatra (2015) Genome-wide association mapping of salinity tolerance in rice (*Oryza sativa*). *DNA Research*. 22(2) 133-145