

Curriculum Vitae

Name: Dr. Kapil Kumar Tiwari
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Work address:

Bio Science Research Centre
SDAU, Dis- Bnaskantha-385506,
Gujarat, India

Employment

Since April 2014 Assistant professor/Research Scientist, S. D. Agricultural University, Gujarat
Jan 2009 – April 2011 Senior Research Fellow, National Research Centre on Plant Biotechnology (NRCPB), New Delhi.
April 2007- Jan 2009 Senior Research Fellow, Indian Grassland and Fodder Research Institute (IGFRI), Jhansi U.P.

Qualifications

2015 Ph.D, Biotechnology, Jamia Hamdard, New Delhi
2006 MSc (Ag), Biotechnology, CSAUA&T, Kanpur, India
2003 BSc (Ag), Bundelkhand University, Jhansi

Awards and Honours

- Fellow of Indian Society of Agricultural Biochemistry (2017)
- Young Scientist Award, Society of Human Resource and Innovation (2017)

Project completed: "Elucidation of genomic profile and evolutionary relatedness of Amaranthus Genotypes". Funded by GSBTM (As a PI)

On Going Research Projects:

1. "Tagging of wilt resistant gene(s) in castor (*Ricinus communis* L.)" Government of Gujarat (Plan Scheme), (Continue from 2016): As a PI
2. "Mainstreaming sesame germplasm for productivity enhancement and sustainability through genomics assisted core development and trait discovery" (Continue from March 2020) as a component PI

Training organised:

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

Selected Publications

1. 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.
2. Verma, Amit, Hukum Singh, Shahbaz Anwar, Anirudha Chattopadhyay, **Kapil K. Tiwari**, Surinder Kaur, and Gurpreet Singh Dhilon (2017) Microbial keratinases: industrial enzymes with waste management potential. **Critical reviews in biotechnology**. 37 (4): 476-491.
3. **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
4. 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

5. **Kapil K Tiwari**, S. Pattnaik, , A. Singh, .. M. Z. Abdin, and T. Mohapatra (2015) Allelic variation in the microsatellite marker locus RM6100 linked to fertility restoration of WA based male sterility in rice. **Indian Journal of Genetics and Plant Breeding**. 409-413.
6. N. K. Singh, Ajay Kumar Mahto, Nimisha Sharma, Kishore Gaikwad, Manish Srivastava, **Kapil K Tiwari**, Vivek Dogra et al (2014) A Draft Genome of the King of the Fruit Mango (*Mangifera indica L.*). International plant and genome conference XXII, at San Diego, CA, USA.
7. Deepti Nagaich, **Kapil K Tiwari**, Nidhi Srivastva, Amaresh Chandra (2013) Assessment of genetic diversity and morpho-physiological traits related to drought tolerance in *Stylosanthes scabra*. **Acta physiol plant**. 35(11) 3127-3136.