

## Profile of Scientist



1. **Name of the Scientist:** Dr. P.K. Singh
  
2. **Personal Biodata:**
  - a. **Position/Designation:** Principal Scientist
  - b. **Joining Date in ICAR:** 04<sup>th</sup> August, 1992
  - c. **Discipline & Specialization:** Plant Breeding  
(Ph.D. in Genetics & Plant Breeding)
  - d. **E-mail:** [praveenmeera@yahoo.com](mailto:praveenmeera@yahoo.com)
  - e. **Mob.:** +91-9415183851, 9910731338
  - f. **Training/Advance exposure in the area of work:**
    - Training on “**IPR and WTO to NARS Scientists**” from September 5-7, 2001 organized by Intellectual Property Rights Section, I.C.A.R., New Delhi
    - 6 days *Training Programme* on “**DUS Testing – Principles and Procedures**” from September 13 – 18, 2004
    - 5 days *Training Programme* on “**Testing of Plant Varieties for DUS- Principles and Procedures**” from March 06 to March 10, 2006
    - 10 day **Indo-USAID PGR Project** Training programme on “**Techniques in Exploration and Collection of Agri- Biodiversity**” from September 20-29, 1997 organized by National Bureau of Plant Genetic Resources, New Delhi
    - Summer School on “**Advances in Crop Breeding**” from March 17-31, 1997 organized by Punjab Agricultural University, Ludhiana.
    - 30 days **Summer School** on “**Physiological and Molecular Approaches for Improving Sugarcane Productivity**” from **June 16 – July 15, 2003** organized by Indian Institute of Sugarcane Research, Lucknow and Indian Council of Agricultural Research, New Delhi at Indian Institute of Sugarcane Research, Lucknow
    - 21 day **Winter School** on “**Recent Trends in Seed Production Management**” from November 20 – December 10, 2001 at JNKVV, Jabalpur
  - g. **Contribution to the Scientific Advancement:**
    - Publications in Research Journals: 31
    - Presentations in Seminar/ Symposia: 50
    - Book Chapters, Bulletins, Lead Papers, etc: 25

- Seminar/ Symposia/ Workshops etc Attended: 80
- Varieties Developed [under AICRP(S)testing]: 09
- Germplasm Registration: 02
- Germplasm under Maintenance: 284

### **3. Future Planning of research (in bullets):**

- To develop high yielding, red rot resistant and high sugar varieties under early and mid-late categories
- To develop techniques for seed cane packaging to increase quality and reduce cost of transportation
- To identify sugar crop varieties for biomass production modules

### **4. Publications (Best five):**

1. P.K. Singh, A.K. Singh, Sanjeev Kumar and J. Singh (2010) Seed Cane Marketing – A multi-million industry in the offing. **Current Science**, Vol. 99, No.7: 883-887 (October 2010).
2. P.K. Singh (2010) A Decentralized and Holistic Approach for Grain Management in India. **Current Science**, Vol. 99, No.9: 1179-80 (November 2010).
3. P.K. Singh (2011) Implementation of Protection of Plant Varieties and Farmers' Rights Act, 2001. **Indian J. Genet.**, 71(2) Special Issue: 190-198.
4. P.K. Singh, J. Singh Sanjeev Kumar and D.K. Pandey (2008). Effect of planting season on the growth behaviour of early maturing sugarcane (*Saccharum* spp. hyb. complex) variety under sub-tropical condition. **Indian Journal of Agricultural Sciences** 78(3): 220-4.
5. P.K. Singh and B. Rai (1997). Consequences of enforced inbreeding on ovule development in certain out crossing populations of Indian Rapeseed (*Brassica campestris* L. Prain). **Indian J. Genet.**, 57(3): 287-289.

### **5. Other relevant activities of the Scientist (in bullets):**

- Worked as Registrar, Protection of Plant Varieties & Farmers' Rights Authority, Govt. of India, Ministry of Agriculture, New Delhi [May, 2009 to May, 2011]
- Nodal Officer-II for DUS Testing of Sugarcane at IISR, Lucknow
- Nodal Officer for Seed Production of Sugarcane under ICAR Seed Project