

## Profile of Scientist



1. **Name of the Scientist:** Dr. Sanjeev Kumar
2. **Personal Biodata:**
  - a. **Position/Designation:** Senior Scientist (w.e.f. December, 2006)
  - b. **Joining Date in ICAR:** 06<sup>th</sup> December, 1997
  - c. **Discipline & Specialization:** Plant Breeding (Ph.D. in Genetics & Plant Breeding)
  - d. **E-mail:** [skiisr@rediffmail.com](mailto:skiisr@rediffmail.com) , +91-9450356968
  - e. **Training/Advance exposure in the area of work:**
    - The 64<sup>th</sup> Foundation Course for Agricultural Research Services organized by NAARM, Hyderabad was attended from 21-07-1998 to 13-11-1998.
    - Summer school on "**Advances in Sugarcane Production Technologies**" organized by Indian Institute of Sugarcane Research from 10<sup>th</sup> to 31<sup>st</sup> May, 2000 at Lucknow
    - Winter school on '**Sugarcane Breeding and Genetics- Retrospect and Prospects**' organized by Sugarcane Breeding Institute, Coimbatore from 3<sup>rd</sup> to 24<sup>th</sup> October, 2002.
    - Summer School on "**Quality Seed Cane in Sugarcane**" organized by Indian Institute of Sugarcane Research, Lucknow during June 10-30, 2009
  - f. **Contribution to the Scientific Advancement:**

• Publications in Research Journals:	26
• Presentations in Seminar/ Symposia:	25
• Book Chapters, Bulletins, Lead Papers, etc:	08
• Seminar/ Symposia/ Workshops etc Attended:	26
• Varieties Developed [under AICRP(S)testing]:	11
• Germplasm Registration:	02
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. **Sanjeev Kumar**, S.S Hasan, P.K. Singh, D.K. Pandey and J. Singh, (2009), Interpreting the effects genotype x environment interaction on cane and sugar yields in sugarcane based on AMMI model. **Indian J. Genet.**, 69(3): 225-231.
2. **Sanjeev Kumar**, J. Singh, P.K. Singh and D.K. Pandey (2007). Stability of yield and its component characters in sugarcane (*Saccharum* spp. hybrid complex). **Indian J. agric. Sci** 77(4): 220 – 223.
3. **Sanjeev Kumar** and S.B.L. Srivastava (2007). Estimation of genetic variances and combining ability in lentil (*Lens culinaris*). **Indian J. agric. Sci.**, 77 (8) : 533-36.
4. **Sanjeev Kumar** and S.B.L. Srivastava (2007). Heterosis and combining ability for yield related traits and protein content in lentil (*Lens culinaris* Medik.). **Indian J. Genet.**, 67 (2) : 190-192.
5. **Sanjeev Kumar**, J. Singh, P.K. Singh and D.K. Pandey (2007). Nonparametric measures of phenotypic stability for commercial cane sugar in sugarcane. **Indian J. Genet.**, 67(4): 369-373.

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

- Worked as Nodal Officer of Mega Seed Project and coordinate seed production programme of sugarcane, wheat, rice at IISR, Lucknow with the collaboration of DSR Mau.
- Member of the Event Management Committee at IISR, Lucknow,
- Member of the Sport Promotion Committee at IISR, Lucknow,
- Worked as member in different committees constituted during the organization of Conferences, Symposia, Farmer's day and other events at Institute level.