

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:** 06th December, 1997
 - c. **Discipline & Specialization:** Plant Breeding (Ph.D. in Genetics & Plant Breeding)
 - d. **E-mail:** skiisr@rediffmail.com , +91-9450356968
 - e. **Training/Advance exposure in the area of work:**
 - The 64th 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 10th to 31st May, 2000 at Lucknow
 - Winter school on '**Sugarcane Breeding and Genetics- Retrospect and Prospects**' organized by Sugarcane Breeding Institute, Coimbatore from 3rd to 24th 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:**

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| • 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.