

Profile of Scientist



1. **Name of the Scientist:**

Dr. Ajay Kumar Sah

2. **Personal bio-data:**

a) **Designation:**

Sr. Scientist

b) **Joining date in ICAR:**

12th December, 1997

c) **Discipline and specialization:**

Agricultural Extension /
Specialization-Participatory Research,
Entrepreneurship, PRA, Communication
Strategy

d) **Training / advance exposure in the area of work:**

Attended 21 days CAS Training Programme

- “Sugarcane Production Management” held at IISR, Lucknow, 10-30 May, 2000.
- “Advances in Extension Research” held at IARI, New Delhi during 6-26 March, 2007.

e) **Contribution to the scientific advancement:**

- Problems in low sugarcane Productivity and Reduction in acreage were Identified and Prioritized.
- Developed ICT model in sugarcane.
- Developed training module for cane Heads of sugar mills.
- Empirical model of “Entrepreneurship among Milk Producers” was developed.
- Knowledge test and adoption Index in sugarcane was developed.

3. **Future Planning of research:**

- Development of e-books in sugarcane.
- Information-hubs in sugar mill zones for wide spread dissemination & adoption of sugarcane technologies.
- Popularization of IISR Technologies through model farm approach/Ikshu village.
- Impact assessment of proven Sugarcane technologies through on/off station trials.
- Development of Decision Support System / Expert System in sugarcane cultivation

4. Publications:

As First Author

1. A.K.Sah, R.P.Verma and Nishi (2006). Participatory Exploration of Sugarcane Production system. *Indian J Exm.Edu.*, 42 (3&4): 85-87.
2. A. K. Sah, R. P. Verma, Rajesh Kumar, S. S. Hasan and G. K. Singh. 2009. Assessment of sugarcane cultivation in sub-tropical India: A participatory research. *Indian J Sugarcane Technology*, 24(1): 56-61.
3. Sah A K, Nishi, Hasan S S, 2009. .Information Communication Technology (ICT) for Women Empowerment. *Journal of Communication Studies*, 27(1): 52-57.
4. A. K. Sah, S. S. Hasan and rajesh Kumar. 2010. Integrated Communication Strategy in Sugarcane. *Indian J Sugarcane Technology*, 25(1&2).
5. A. K. Sah.. Management Style in Pradeshik Cooperative Dairy Federation (PCDF), Uttar Pradesh, 2010. *Indian J Dairy Science*, 62 (6): 1-5.
6. A.K.Sah and M.R. Singh (2007). Assessment of Sugarcane cultivation estimation of Losses due to post infestation: A participatory research. *Indian J Entmology*, 69 (4): 356-358.

As Co-author

1. S. N. Singh, A. K. Sah, S. R. Prasad, R. K. Singh and V. K. Singh. 2010. Assessing impact of zero-tilled wheat growing in rice (*Oryza sativa* L.)-wheat (*Triticum aestivum* L.) cropping system of India's central Uttar Pradesh in Indo-Gangetic plain region. *Outlok on Agriculture*, 39 (3): 197-202.
2. Singh S N, Sah A K, Singh V K, Singh R K, Hasan S S (2009). Diversification of Rice (*Oryza Sativa* L.)– based crop sequences for higher production potentials and economic returns in India's Central Uttar Pradesh. *Journal of Sustainable Agriculture*. 34 (2): 141-152.
3. Singh S N, Sah A K, Verma R P, Singh G K, Hasan S S (2009). Sugarcane and sugar production in Uttar Pradesh: An overview. *Agricultural Extension Review*, 21(2): 3-7.
4. Singh S N, Sah A K, Singh R K, Prakash Om, Hasan S S (2011). Alternatives to rice-wheat cropping system in subtropical climatic conditions of India. *Tropical Agriculture*. Vol 88 (3). (In press)

5. Other relevant activities of Scientist:

- Training coordinator for farmers' and development personnel training.
- Organizing visits of Farmers' groups, officers, Scientists and other dignitaries.
- Information dissemination through print and electronic media.
- On & Off campus demonstrations.
- Asstt. Public Information Officer (Scientific matters) under RTI at IISR.
- Member Secretary, 'Scientific Discourse' at Divisional level.
- Editor of IISR News letter.
- Developed 5 nos. of Documentary films on sugarcane.