ANNEXURE-1

List of Publications of Dr. Savita Kolhe

Research paper in Journals


13. **Savita Kolhe** and S. M. Husain (2008), Development of web-based germplasm resources information system (GRIS) for soybean, Journal of Oilseeds Research 26(Special Issue), pp. 584-587. (NAAS Rating = 3.97)


**Publications in Conferences**


14. **Savita Kolhe**, B.U. Dupare and Kavita Mundankar(2005), “Role of Information Technology in green to evergreen revolution”. In National Seminar on “Green to Evergreen : Challenges to extension education”. Organised by Indian society of extension education and Division of agricultural extension, Indian Agricultural Research Institute, New Delhi-110012.
Training Manuals


Popular/ Technical Articles


Chapters in the training manual


2. **Development of DUS test database for retrieval of information and for selection of similar varieties** in the training on "Testing of DUS for PVP" at Division of Seed Science and Technology, Indian Agricultural Research Institute, New Delhi-110012.


5. **Development of DUS test database for retrieval of information and selection of similar varieties** for the training course titled “DUS testing: Principles and procedures” from 16-23 March 2004 at Division of Seed Science and Technology, IARI, New Delhi-110012.


7. **Development of software for digitalization of DUS database and Reference collection of varieties (RCV)** in the training course titled “DUS testing in Rice” from 29th November – 2nd December 2004 at Directorate of Rice Research, Hyderabad-500 030.

8. **Digitalization of soybean database for DUS testing** for the training programme “Protection of Plant Varieties and Farmer’s Right Act and DUS testing in Soybean” from 5-6 Oct., 2005 at National Research Centre for Soybean, Indore.

AWARDS

Research Paper “Savita Kolhe and G. K. Gupta, Expert System—an effective IT tool in agriculture” was **Awarded Best Research Paper for Best Presentation** in **National conference on Recent Advances in Mechatronics and Computing Technology and Management (RAMCTM-2013)**, organized by Indore Institute of Science and Technology, Machine Intelligence Research Labs and IEEE on June 16, 2013.

Research Paper "Savita Kolhe, Raj Kamal, Harvinder S. Saini and G. K. Gupta, Rule-promotion: a new fuzzy-logic approach for drawing the inferences in rule-based expert system, Journal of the Indian Society of Agricultural Statistics 65(3), 359-365” was **Awarded Best Research Paper** in the field of Computer Application/Informatics among all the research papers published in the Journal in year 2010-11. **A cash prize of Rs. 2500/- was received.**


Software Copyrights Obtained:

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<td>Data management system for AICRPS plant breeding trial data</td>
<td>2009</td>
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<td>Database structure for plant breeding AICRPS trial data</td>
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<td>Web-based data entry system for AICRPS plant breeding trial data</td>
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<td>Knowledge Acquisition System of Soybean Diseases</td>
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