



Dr. Vinod Kumar

Senior Scientist
(Computer Application)

- 1 Date of birth : 01-12-1972
- 2 Educational Qualification : Ph.D. (Computer Science), ICIS, Agra (2010); M.C.A., MMMEC, Gorakhpur (1998); M.Sc. (Organic Chemistry), Agra University (1993)
- 3 Joining Date in ICAR : 19-11-1999
- 4 Joining Date in DRMR : 19-11-1999
- 5 Discipline /Specialization : Computer Applications in Agriculture
- 6 Research Experience : 15 years
- 7 Training/advance exposure in the area of work : Obtained Trainig on Bioinformatics and its Applications in Agriculture at Bioinformatics Centre, IT-BT Complex, KAU, Thrissur. Advance Linux Administration at Advance Training Institute for Electronic and Process Instrumentation, Ramanthapur, Hyderabad. Introduction to LAN/ WAN Technologies at ERNET India, New Delhi.
- 8 Contribution to the Scientific advancement
 - Publication information system DRMRPubInfo to maintain and search the publication information.
 - GUI based digital photo manager tool for management and retrieval of desire image
 - Weather based online aphid forecast system, Image based plant disease identification and management software and Expert tool for fertilizer recommendation
 - Online database of Biochemical Characteristics of Rapeseed-Mustard
- 9 Future planning of research
 - Development of online application for information management and transfer of technology.
- 10 Awards/Recognitions
 - Young Scientist Award (2009) for IT Application in Agriculture Extension by the Society of Extension Education, Agra
 - Best IT Professional Award of the year 2011 for IT Application in Agriculture Extension by the Society of Extension Education, Agra

- Dr. PR Kumar Outstanding Brassica Scientist Award (2012) for IT Application in Rapeseed-Mustard by Society of Rapeseed-Mustard Research, Bharatpur
- Fellow of the year 2014 by Society of Rapeseed-Mustard Research, Bharatpur
- 'राजभाषा उत्कृष्ट सेवा पुरस्कार' वर्ष 2014, (नराकास में सूचना प्रौद्योगिकी के उपयोग के लिए), नगर राजभाषा कार्यान्वयन समिति, (राजभाषा विभाग, गृह मंत्रालय, भारत सरकार), भरतपुर

11 Publications (best five)

- **Kumar, Vinod & Bala Manju** (2013) Development of web based database on biochemical characteristics of rapeseed-mustard, *Bioinformation*, **9**(10): 537-540.
- **Kumar, Vinod;** Kumar, Amrender and Chattopadhyay, Chirantan (2012) Design and implementation of web-based aphid (*Lipaphis erysimi*) forecast system for oilseed Brassicas *Indian Journal of Agricultural Sciences*, **82** (7): 608–14.
- **Kumar, Vinod;** Lehri, Sushma.; Sharma, Ashok Kumar and Kumar, Arvind (2010) Design and implementation of digital image retrieval system using connoisseur annotated metadata -A case study . In: *Yi Hang, Wen Desheng and Parvinder S. Sandhu (ed), IEEE 2010: Proceeding of 3rd IEEE International Conference on Computer Science and Information Technology (IEEE Press 2010)*, **2**, pp: 154-159.
- **Kumar, Vinod;** Lehri, Sushma.; Sharma, Ashok Kumar and Kumar, Arvind (2008) Design and implementation of agriculture research digital photo manager. *Computers and Electronics in Agriculture*, **60** (2): 296-300.
- **Kumar, Vinod;** Lehri, Sushma.; Sharma, Ashok, Kumar; Meena, P.D and Kumar, Arvind (2008) Image Based Rapeseed-Mustard Disease Expert System: An Effective Extension Tool. *Indian Research Journal of Extension Education*, **8** (2&3): 10-13.

12. Professional membership

- International Association of Computer Science and Information Technology (IACSIT), 9 Jurong Town Hall Road iHUB, Singapore
- Science and Engineering Institute (SCIEI), 1201 Orange Street, Suite 600 (one commerce center) wilmingtong county: New Castle DE
- Society of Rapeseed-Mustard Research, DRMR, Bharatpur
- Indian Society of Oilseed Research, DOR, Hyderabad
- Society of Extension Education, Agra
- Indian Society of Agricultural Statistics, IASRI, New Delhi
- Rajasthan Society of Extension Education, RCA, Udaipur
- Society of Statistics, Computer and Applications, New Delhi