

CURRICULUM VITAE



Prof. Rajni Rani

Professor & Head



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Specialization and Area of Interest

- Soil Fertility, Chemistry and Microbiology

Educational Qualifications

Examinations	University	Year of passing
B.Sc. (Ag)	Banaras Hindu University	1993
M.Sc. (Ag) Soil Science	Banaras Hindu University	1995
Ph.D. Soil Science	Banaras Hindu University	1999

Publications

1. **Rajni Rani** and Srivastava, O.P.1997. Vermicompost: a potential supplement to nitrogenous fertilizers in rice nutrition. Int. Rice Res. Notes. 22 (3): 30-31.
2. Sanoria, C.L. and **Rajni Rani** 1998. Role of PSM, manure, sludge and pyrites on effectiveness of Bradyrhizobial strains towards yield and NPK contents of soybean. Ind. J. Agric. Chem. Xxxi. (1):41-45.
3. **Rajni Rani** and Srivastava, O.P.2001. Effect of integration of organics with fertilizer N on rice and N uptake. Fertilizer news. Vol.46 (9):63-65.
4. Shubhash P. Kalwe and **Rajni Rani**, Year 2005. Nutrient management in soybean. Ind. J. Of fertilizers 01 (3) : 47-51.
5. Singh P.K, Arvind Kumar, Raj Kumar, **Rajni Rani** and Sachin Kumar (2014). Effect of biozyme and fertility levels on growth, yields, nutrient uptake, nutrient harvest and physiological efficiency index of soybean (*Glycine max* L.) Int. J. current Res.6 sp 1, issue-i : 10863-10868.
6. Brajendra, L.M. Shukla, D. Singh, Deepika, Sailaja, N. and **Rajni Rani** 2016. Correlation studies on sulphur extraction and its availability to mustard and safflower in alfisols and ultisols of Jharkhand. Progressive Res. an Int. J. 11 (spl. Issue 1):01-04.
7. Brajendra, **Rajni Rani**, Vinod Kumar, L.M. Shukla, Himanshu Patel and S.P. Giri 2016. Sulfur retention and Release in alfisols and ultisols of Jharkhand. Progressive Res an Int. J. 11 (spl. Issue 1):61-63.
8. Brajendra, Vinod Kumar, **Rajni Rani**, P.C. Iatha, K. Surekha, M.B.B. Prasad Babu, N. Sailja and V, Ravindra Babu 2016. Effect of mineral enriched compost on soil microbial properties. Progressive Res an Int. J. 11 (spl. Issue 1):64-65.

9. Vinod kumar, Ravindra Kumar, Narendra swaroop, Devendra singh, Gyanendra kumar and **Rajni Rani** 2016. Evaluation and characterization of ground water quality for irrigation of kannauj district of Uttar Pradesh , India. *Progressive Res an Int. J.* :11 (1): 58-60.
10. Vinod kumar, Ravindra kumar, Narendra Swaroop, Devendra Singh, Gyanendra Kumar and **Rajni Rani** 2016. Use of gypsum and phosphogypsum as an amendment for alkali soil. *Progressive Res an Int. J.* :11 (2): 243-245.
11. Afren ansari, A.K. Shukla, M.A. Ansari, R.P. singh and **Rajni Rani**, 2019. Evaluation of water quality index by using physico-chemical parameters. *Progressive Res an Int. J.* :14 (spl issue): 341-343.
12. Bacchu singh, K.C. Meena, B.L. Meena, Deepa Indoria, G,S, Meena, R,R, Meena, **Rajni Rani** and R.P. Singh 2020, Adoption of lucern (*Medicago sativa*) fodder production technology, *progressive Res an Int. J.* :15 (spl issue): 444-448.
13. Sumit Deswal, M. Singh, K. Kumar, S.K. Tehlan, **Rajni Rani** and R.P.Singh 2020. Efficiency of biofertilizers in increasing the production potential of seed spices. *Progressive Res an Int. J.vol.15(spl. Issue)* :287-291.
14. Ved Pakash Yadav, Neelam Chaudhary, Suman Devi, Lalita, Prakash Sachan, Rajni Rani and R.P, Singh (2021). Eco-friendly fabric production through coloured fibres of significant cotton. *Frontiers in crop improvement*, 9 sp l, issue- i :321-330.
15. L.Venkatesh, Raju L. Chavan, Rajni Rani and R.P. Singh (2021). Effective utilization of betta lands through cultivation of biofuel and NTFPS for sustainable land use in uttar kannada district of karnataka. *Frontiers in crop improvement*, 9 sp l, issue-i :396-398.
16. P.K. Singh, **Rajni Rani**, A.C. Singh, Sachin Kumar and Anil Kumar (2022) Response of integration of FYM, inorganic nitrogen and biofertilizers on soil physico chemical properties, growth, yield attributes, yield and quality of wheat *Int.J Ag. Sci.*14 sp l, issue-i : 11033-11038C18:J18.
17. C.S. Dhanai Shayma Parveen Parshum Sachan **Rajni Rani** and R.P. Singh 2021 Assessing allelopathic potential of Aonla on germination and growth of two traditional crops in pot. *Frontiers in Crop Improvement*. 9 sp l, issue-i : 382-385.
18. Pramod Kumar Singh, **Rajni Rani**, A.C. Singh, Anil Kumar and Sachin Kumar, (2022) Integrated farming systems; current status, scope and future prospects under Indian perspective *Int. J. curr. Microbiology. App. Sci.*11(9) sp l, issue-i : 14-26.
19. P.K. Singh, **Rajni Rani**, A.C. Singh and Anil Kumar (2022) Effect of integrated nitrogen management on soil physico-chemical properties, growth, yield attributes, yield and quality of wheat (*Triticum aestivum* L.) *Int. J. Ag. Environ. & Biotech.* 15(02) sp l, issue-i : 175-183.
20. P.K. Singh, **Rajni Rani**, Sachin Kumar, A.C. Singh and Anil Kumar, (2022) Long term impact of integrated nitrogen management practices on soil environment, nutrient uptake, produce quality, yield and its economis feasibility in wheat (*Triticum aestivum* L.) *Int. J. Curr. Micro. Applied Sci.* 1(1) sp l, issue-i : 321-324.

Trainings and online courses

- Training On **Blue Green Algae** at National Center for Conservation and Utilisation of BGA , IARI - New Delhi Feb 21 to March 03, 2000
- On **Plant Growth Promoting Rhizobacteria** at Division of Microbiology ,IARI, New Delhi March 18 to 24, 2002
- UGC sponsored **Orientation Programme** at ASC, Jamia Millia Islamia, New Delhi Oct 10 to Nov 7,2003
- Organised by ICAR on **Soil Water and Nutrient Management for different Crops Under Rainfed Agroecosystem** at BAU Ranchi Aug 23 to Sep 12, 2005.
- UGC Sponsored Refresher Course on **Computer Application** at ASC, AMU Aligarh, Feb 07 to 28,2007.

- UGC sponsored short term course in **Gender Sensitization and Diversity Management** at Kurukshetra University, Nov 21 to 26,2016.
- Sponsored By Education division ICAR Short course on **Modern Genomic Tools and Breeding Strategies for Biotic and Abiotic Stress Management in Sugarcane** at IISR, Lucknow, Oct 25 to Nov 3, 2017.
- Online Conclave Organised by Faculty of Agriculture Vivekanand Global University Jaipur on **Post Covid Agriculture**, 21 May to 23 May,2020.
- Workshop On **Vision to Action, Intent, Impact and Implication In Higher Education NEP-2020** at IIMT Saharanpur On April 22, 2023.

Awards/ Merits

S. No.	Name of Award/ Honor	Conferred by (Name of Body/Organization, etc.)	Year of Award	Place
1.	BHU Medal	Inst. of Ag. Sc. BHU	1995	Varanasi
2.	Excellence in Teaching	Astha Foundation Meerut	2017	Udaipur
3.	Excellent Teaching Award	R.K. College Shamli	2022	Shamli

Additional information

- Guided M.Sc. (Ag) Dissertation
- Guiding PhD Students
- Guest Lecture on Environmental Issues at Shukratirth Muzaffarnagar Organised by Shiksha, Sanskriti Utthan Nyas, North and West UP region
- Mentorship and Advising Students
- Area and Field visit for RAWE and ELP
- Member of RDC at MSU, Saharanpur

Dr. Rajni Rani