

## CURRICULUM VITAE



### **DR. RAJNI RANI**

Associate Professor

✉	Department of , Ag. Chemistry R. K. (PG) College, Shamli, (U.P.) INDIA, Pin-247776
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### Field of Specialization

Soil fertility management and soil microbiology

Joining date of R.K. (PG) College, Shamli : 26<sup>th</sup> July 2001

### Educational Qualifications

Examinations/Degree	Board/University
M. Phil	
M. Sc Ag.	B.H.U . Varanasi
Ph. D.	B.H.U . Varanasi
NET Soil science	A.S.R.B., New Delhi 1995
NET Soil science- pedology	A.S.R.B., New Delhi 1996
NET Soil science -soil physics	A.S.R.B., New Delhi 1997

### Awards/ Merits

S.No.	Name of Award/ Honor	Conferred by (Name of Body/Organization, etc.)	Year of Award	Place
1.	B.H.U. medal for M. Sc. Ag.	Institute of Agric. Sciences , B.H.U.	1995	Varanasi
2.	Excellence in teaching award	Internationl. Conf. on GRISAAS	2017	Udaipur

### Publications (Research/Review/Lead/Book/Book Chapters/Popular Articles)

#### Research Papers

1

#### **PAPERS IN CONFERENCES / SEMINARS**

1. **Rajni Rani**, Singh, P.K., Singh, Omkar and Vedpal. 2005. Impact Of Integrated N Management On Soil Environment And Produce Quality In Late Sown Wheat (*Triticum aestivum* L.). *International conference on soil water and environment*

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*quality-issues and strategies*. Organized by Indian Society of Soil Science at IARI, Pusa, New Delhi.

2. Singh, Omkar, **Rajni Rani**, and Singh, P.K. 2005. Genetic Architecture Of Yield And Its Associated Traits In Chickpea (*Cicer arietinum* L.). 4<sup>th</sup> *International Food Legume Research Conference* (IFLRC (IV)). Held on 18-22 2005 October at Pusa, New Delhi.
3. **Rajni Rani**, M.S. Kakran, Omkar Singh and P.K. Singh 2011. Mahila Shashaktikaran ek sachchai ya kalpit katha. Proceeding Natnl. Seminar on Vartman paridrishya me mahila shashaktikaran, shiksha evm dakshata samvardhan 2011 organized by Govt. Women (P.G.) College, Kandhala : pp 72-75.

### **RESEARCH PAPERS IN JOURNALS**

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** 2005. Nutrient management in soybean . *Ind. J. of fertilizers* **01** (3) : 47-51.
  5. 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. 2 Spl.* (1):01-04.
  6. 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. 2 Spl.* (1):61-63.
  7. Singh, P.K., Arvind Kumar, Raj Kumar, **Rajni Rani** and Sachin Kumar 2014. Effect Of Bozyme And Frtility Lvels On Growth, Yields, Nutrient Uptake, Nutrient Harvest And Physiological Efficiency Index Of Soybean (*Glycine max* L. Merrill). *International J. Current Res.* **06** (12):10863-10868.
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8. Sumit Deshwal, 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.* 15 Spl. Issue :291-287.
9. 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 (*Triticum aestivum* L.) *Int. J. Agriculture Sci.:* 14 (01):11033-11038.
10. 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 economic feasibility in wheat (*Triticum aestivum* L.) *Int. J. Currnt. Micobiol.* 11 (01): 1101-1113

**LIST OF BOOKS AUTHORED**

Sl. No.	Title of book	Authorship status	ISBN No.	Year of release
1	General Chemistry	Single author	978-93-84479-20-6	2015
2	Soil fertility, fertilizers and integrated nutrient management	Co author	978-93-84479-27-5	20
3	Management of problematic and water logged soils	Single author	978-93-87018-32-7	2018
4	Mrida Vigyan ke Sidhant	Single author	978-93-84779-92-2	2014

**TRAININGS AND ONLINE COURSES ATTENDED**

Sl. No.	Name of course	Title of the course	Organizing institution	Date/ duration
01	Training course	Training course on Blue green algae	NCCUBGA, IARI, New Nelhi	21 <sup>st</sup> Feb to 3 <sup>rd</sup> Mach 2000

02	Training course (NATP)	Plant growth promoting Rhizobacteria	Div. of Micro. IARI, New Nelhi	18-24 th Mach 2002
03	Orientation course	Orientation course	Academic Staff College Jamia Millia Islamia, New Delhi	10 Oct. -07 Nov. 2003
04	Summer School (RC)	Soil water nutrient management for different crops under rainfed agro-eco system	BAU, Ranchi, Jharkhand	23Aug 2005- 12 Sep 2005
05	S RC	Computer application	Academic Staff college, AMU, Aligarh	07 -28 Feb. 2007
06	S RC	Refresher course in life sciences	Academic Staff college, BHU , Varanasi	12 th may-01 June 2010
05	STC	Gender sensitization and diversity management	Kurukshetra University, Kurukshetra	21 to26 Nov 2016
05	STC	Modern genomic tools and breeding strategies for biotic and abiotic stress management in sugarcane	IISR, Lucknow	25 Oct. - 03 Nov 2017

### **MEMBER OF PROFFESIONAL SOCIETIES**

1. Indian Society of Soil Science, NASC complex New Delhi, ( Life member)
2. Indian Science Congress Association Kolkata ( Life member)
3. Society for scientific development in agriculture and technology, (Life member)  
Meerut, U.P
4. Association of Sugarcane technologists of India IISR, Lucknow (Life member)

***INCHARGE/ MEMBER OF COMMITTEES AT COLLEGE LEVEL***

<b><i>SL.</i></b>	<b><i>NAME OF POSITION / COMMITTEE</i></b>	<b><i>POSITION HELD</i></b>	<b><i>PERIOD</i></b>
1	N. S.S. I unit	Programme Officer	2016-2017 2017-2018 2018-2019
2	Examination Committee	Assistant superintende nt Exam.	2011-2012 2015-2016 2016-2017 2018-2019
3	B. Sc. Agriculture Ist Admission Committee	In charge	2012-2013 2021-2022

***INCHARGE/ MEMBER OF COMMITTEES AT UNIVERSITY LEVEL***

<b><i>SL.</i></b>	<b><i>NAME OF / COMMITTEE</i></b>	<b><i>POSITION HELD</i></b>	<b><i>PERIOD</i></b>
1	Board of studies Ag. Chemistry CCSU, Meerut	Member	2020-2021 2021-2022
2	Research and Development c Committee	Member	2011-2013
3	Syllabus Development for Ag. Chemistry NEP 2020 B. Sc. Ag. (Honours)	Member	2021

**DECLARATION**

I hereby declare that all the above informations are true to the best of my knowledge and belief. They may be supported by documentary evidences as and when required.

Date:

Place: Shamli

**(Rajni Rani)**