

Resume

Name : Dr. Rajesh Singh
Designation : Professor, Department of Agronomy,
SHUATS
Professional Experience : Teaching, Research & Extension: 20 years
P.G. Guidance : Ph. D. (Agronomy)-05; M. Sc. Ag. (Agronomy)- 193
Fathers Name : Late Dr. S. S. Singh

Educational Qualifications: -

Examinations Passed	Year	Examining body	Subjects Offered	Marks Obtained (%)
B.Sc. (Ag.)**	2001	A.A.I.-D.U.	Agriculture	75.46
M.Sc.(Ag.)*	2003	A.A.I.-D.U.	Agronomy (Crop Production)	9.36 (C.G.P.A.)
NET (ICAR)	2004	ICAR	Agronomy	
Ph.D. (Agronomy)	2006	A.A.I.-D.U	Agronomy (Crop Production)	9.62 (C.G.P.A.)

* Gold medallist in M.Sc Agronomy

** Merit certificate in B.Sc. Ag

Specialization: Planting Systems & Integrated Farming System

1. Awards/recognitions, if any:

- 1) Merit Certificate in B.Sc. Ag. (scored 7th rank in a strength of 120 students)
- 2) Gold Medalist in M.Sc. Ag. Agronomy

- 3) **Distinguished Service Award:** Awarded for outstanding contribution in the field of Agronomy in National Workshop on Recent Technologies for Food Security and Rural Development conducted from 19th – 25th February, 2018 at Prayagaraj, sponsored by Council of Science & Technology, U.P. (D.S.T., Govt. of U.P.) Lucknow, U.P.
- 4) **Excellence in teaching award-2018:** awarded for outstanding contribution in the field of Agronomy in the International Conference on “Emerging Issues in Agricultural, Environmental & Allied sciences for Sustainable Development” Held at SHUATS, Allahabad from 27th – 29th November, 2018.
- 5) **Scientist of the Year Award, 2019:** awarded for outstanding performance and lasting contribution in the field of Agronomy in the International Seminar on “Climate Resilience of Agricultural Biodiversity, Technology & Marketing Policy” Held at University of Allahabad, from 9th – 10th March, 2019.

2. Books/ Chapters written:

Co-authored three books of Agronomy: These books are the recommended reference books in the Restructured and Revised Syllabi of Post Graduate Programs given by Education Division, ICAR, New Delhi

- a. “Sustainable agriculture for secured survival” published by Kalyani publishers, Rajinder Nagar, Ludhiana.
- b. “Crop management under rainfed and irrigated conditions” published by Kalyani publishers, Rajinder Nagar, Ludhiana and
- c. “Principles and practices of Agronomy” published by Kalyani publishers, Rajinder Nagar, Ludhiana

3. Details of Research Projects completed:

S. No.	Title of the Project	Name of the Funding Agency	Duration	Sanctioned Amount	Remarks
01	Modelling crop yield and incidence of potato late blight disease with Remote Sensing derived parameters	National Remote Sensing Agency, ISRO, Hyderabad.	2005 - 2007	5 Lakhs	Acted as Co-Investigator

02	Precision farming in mono-cropped agricultural System - a case study in U.P. & A.P.	National Remote Sensing Agency, ISRO, Hyderabad.	2007 - 2009	3 Lakhs	Acted as Principal Investigator
03	Field evaluation of new herbicide ICH -110 against weed complex of rice.	Indofil Industries Ltd., Mumbai	2010 - 2011	2 Lakhs	Acted as Principal Investigator
04	Field evaluation of water soluble Starter and Booster on growth and yield of wheat at Crop Research Farm, SHIATS	Zuari Rotem Speciality Fertilizers Ltd., Goa.	2011 - 2012	2 Lakhs	Acted as Principal Investigator
05	Evaluation of Rice Hybrids under the agro-climatic conditions of Allahabad, Uttar Pradesh" sponsored by UPCAR, Lucknow, <i>kharif</i> , 2014	UPCAR, Lucknow	<i>Kharif</i> , 2014	75 Thousand	Acted as Principal Investigator
06	Evaluation of Rice Hybrids under the agro-climatic conditions of Allahabad, Uttar Pradesh" sponsored by UPCAR, Lucknow, <i>kharif</i> , 2015	UPCAR, Lucknow	<i>Kharif</i> , 2015	75 Thousand	Acted as Principal Investigator
Major Projects completed					
07	Technology Development Project on growth and monitoring systems of wheat and rice crop using ground and space observations	ISRO, Govt. Of India	2011-2013	6 Lakh	Acted as Co-Principal Investigator
08	Farming System Based Water Budgeting for Samrakalwana village at Allahabad	UPCAR	2014 - 2017	13 Lakh	Acted as Co-Principal Investigator
09	Ensuring Food and Livelihood Security	Department of Science and Technology,	2018-2021	2.13 Crores	Acted as Co-

through Farming System Based water budgeting in water challenged and Socio-economic backward clusters in Trans Yamuna area at Allahabad.	Government of India, New Delhi.			Principal Investigator
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4. Participation in Orientation Courses / Refresher Courses / Winter School / Summer School

Sl. No.	Name of the Orientation programme/ Summer School/ Winter School	Name of the Sponsoring Agency	Place and Date	Duration (in days)
01	UGC sponsored Orientation Programme	UGC	UGC – Academic Staff College, University of Allahabad ; 02/08/2004 – 28/08/2004	27 days
02	Advances in Frontier Approaches to increase nutrient use efficiency in crop production	ICAR	Indian Institute of Soil Science, Bhopal; 22/07/2005 – 11/08/2005	21 days
03	Farmers resource based site specific integrated nutrient management and on – line fertilizer recommendations using GIS and GPS tools	ICAR	Indian Institute of Soil Science, Bhopal; 03/01/2009 – 23/01/2009	21 days
04	Management of Under Privileged Agriculture	ICAR	GBPUAT, Pantnagar:06.02.2015-26.02.2015	21 days
05	Advances In Microbial Bio-Fertilizers For Sustainable Agriculture In	ICAR	Indian Institute of Soil Science, Bhopal;	10 days

	Diverse Soil And Cropping Systems		10.01.2017- 19.01.2017	
06	Agronomic Research For Food Security And Environmental Stewardship In Changing Scenarios	Indian Society of Agronomy, Division of Agronomy, ICAR -IARI, New Delhi	Online Mode; 20- 29 June, 2024	10 Days

5. Seminar/Conference/Symposia attended : 25; International (7) & National 18
Research Papers Published/Presented:

1. Research Articles : 37 (10 in International conferences & 27 in National conferences)
2. Oral presentation : 6 papers
3. Popular Articles : 10
4. Published research papers : 153

6. Research Guidance:

i) Total number of M.Sc Ag. Agronomy students guided: 193

i. Number of M. Phil / P.G thesis degree awarded during 2018- 2021

2018-19
M.Sc. Ag. Agronomy thesis degree awarded under me is **05 (five)**

2019-20
M.Sc. Ag. Agronomy thesis degree awarded under me is **12 (Twelve)**

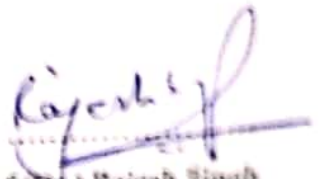
2020-21
M.Sc. Ag. Agronomy thesis degree awarded under me is **39 (Thirty nine)**

ii. Total Number of Ph. D thesis degree awarded: 05 (Advisor) and 03 (Co-advisor)

7. My other contributions are:

- a) a IQAC working committee member since 2018 till date,
- b) NAI, IPC Co-coordinator of the Department since 2018 till date and

- c) Research coordinator for NAI since 2018 till date.
- d) Examination Superintendent, P.G. Exams
- e) In-charge, Crop Research Farm, Department of Agronomy from 2020 onwards.
- f) I contribute as a subject matter specialist whenever my services are desired by Directorate of Extension of our esteemed University and
- g) I have delivered about ten T.V. talks on agriculture on Allahabad Doordarshan and about fifteen radio talks on Akashwani, All India Radio.


Prof. (Dr.) Rajesh Singh