

CURRICULUM VITAE

Dr. ASHOK KUMAR

Assistant Professor (Seed Technology)

Institute of Agricultural Sciences

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Name of Candidate :- **Dr. ASHOK KUMAR**
Father's Name :- HARILAL
Date of Birth :- 06.12.1977
Present Address :- Institute of Agricultural Sciences
Bundelkhand University
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Permanent Address :- Vill. Goverdhanpur, Post. Kawhi Anjanpur
Dist. Ambedkar Nagar (U.P) Pin No. 224181
Nationality :- Indian
Marital Status :- Married

Educational Qualification

Degree/ Exam.	Board/ Univ.	Year of Passing	% Marks	Division	Subjects
B. Sc. Ag (Hon.)	C. S. A. U. A. & T, Kanpur	2002	70.9	First	Agriculture
M. Sc. (Ag.) Seed Science &Technology	C. S. A. U. A. & T, Kanpur	2004	80.1	First	Seed Science &Technology
Ph. D. (Seed Science &Technology)	C. S. A. U. A. & T, Kanpur	2009	80.4	--	Seed Science &Technology
NET	ICAR (ASRB Board)	2009	---	Qualified	Seed Science &Technology
NET	ICAR (ASRB Board)	2019	----	Qualified	Seed Science &Technology

Area of Specialization-

- **Major-** Seed Science and Technology, **Minor-** Genetics and Plant Breeding,
- **Academic Experience**

Position held	Name of Organization	From	To
Professional Courses (Plant Variety Protection)	PPV&FR Authority, GOI Division of Seed Science & Technology, IARI New Delhi	11 th August 2008	18 th October 2008
Research Associate	ISOPOM Project on Modal seed system for quality seed production at the village level in IIPR, Kanpur	30.3.2009	30.6.2010
Assistant Professor	Bundelkhand University, Jhansi	20 th Dec 2011	Till date

Courses taught and Paper setter

- Courses of Agriculture to B.Sc. (Ag.) students.
- Courses of M.Sc. (Ag.) Seed Technology degree programme.
- **Paper setter for Undergraduate and post graduate degree programmers.**

List of Publication and Abstract:

National Research Papers

- **Kumar, A.**, Singh, P.; Kumar, A and Maurya, C. L. (2009). Effect of applied sulphur and zinc on seed yield, quality and oil content of linseed, *Journal of Oil Seed Research*, 26: 287-289
- Singh, P., **Kumar, A.**; Siddiqui, J.A.; and Srivastav, M. (2009). Longevity of linseed genotypes under ambient condition. *Journal of Oil Seed Research*, 26: 9-11
- Ramjeet., Singh P.K, Dubey S.D; **Kumar, A**; and Gautam, CPN. (2010). Genetic variability, heritability and genetic advance in linseed. *Current Advances in Agricultural Sciences*, 2(1): 45-46.

- Krishna, A., Shahid A, Pandey. H.C., Kumar, V, Rai, Sharma, S K and **Kumar, A** (2016). Assessment of genetic characteristics in different lines of Oat (*Avena sativa* L.). *Agricultural Science Research Journal* Vol. 6(6): 145 – 151.
- **Kumar, A.**, Bharati, A K, Singh, H, Pandey. H.C., and Rai, S K (2016).Effect of different sources of nutrients on growth, yield attributes and seed yield of field pea (*Pisum sativum*) in Bundelkhand region. *Current Advances in Agricultural Sciences* 8(1): 109-111.
- Kumar, J., **Kumar, A.**, Kumar, A., Bharati, A.K. and Kumar, S. (2019). Impact of integrated nutrient management on growth, seed yield and quality of mustard (*Brassica juncea* L.). *Journal of Pharmacognosy and Phytochemistry*; 8(3): 2265-2267.
- **Kumar, A.**, Kumar, J., Kumar, A., Kumar, S. and Bharati, A.K. (2019). Effect of integrated nutrient management on growth, yield and seed quality of chickpea (*Cicer arietinum* L.) under rainfed condition .*Journal of Pharmacognosy and Phytochemistry*; 8(3): 2268-2270.
- Kumar, A., Kumar, J., Kumar, S. and **Kumar, A.** (2020). Growth, yield and yield attributes of rice (*Oryza sativa* L.) influenced by inorganic and organic source of nutrients in rice-wheat cropping system. *Journal of Pharmacognosy and Phytochemistry*; 9(1): 685-688.
- Kumar, A., Kumar, J., Kumar, S., Maurya, S.K. and **Kumar, A.** (2021). Effect of inorganic and organic sources of nutrient on NPK content, NPK uptake, apparent nitrogen recovery, nitrogen use efficiency and Protein content in rice under rice wheat cropping system. *Journal of Pharmacognosy and Phytochemistry*; 10(1): 2610-2613.
- Awasthi, R., **Kumar, A.**, Kumar, R., Kumar, A., Maurya, S.A., Singh, C., Kumar, D., Singh, D. and Bharti, A.K.(2022). Effect of seed priming on growth, seed yield and vigour of french bean (*Phaseolus vulgaris* L.) under organic condition. *Journal of Pharmacognosy and Phytochemistry*; 11(1): 136-138.
- Rahangdale, P., **Kumar, A.**, Kumar, R., Kumar, A., Kumar, A., Kumar, D., Singh, C., Singh, D., Bharti, A.K.and Kumar, S. (2022). Influence of biopriming and organic manures on growth, seed yield and quality of black wheat (*Triticum aestivum* L.). *Journalof Pharmacognosy and Phytochemistry*; 11(1): 132-135.
- Kaushal, A.K., **Kumar, A.**, Kumar, R., Kumar, A., Kumar, D., Singh, C., Singh, D. and

Bharti, A.K. (2022). Impact of hydropriming and organic manure on seed emergence, seed vigour and grain yield of wheat (*Triticum durum* L.) under rainfed condition. *Journal of Pharmacognosy and Phytochemistry*; 11(1): 171-174.

- Patel, M., **Kumar, A.**, Kumar, R., Kumar, A., Kumar, D., Singh, C., Kumar, B., Kumar, S. and Kumar, S. (2022). Growth, yield, yield attributes and quality of linseed (*Linum usitatissimum* L.) as influenced by organic sources of nutrients under rainfed condition. *The Pharma Innovation Journal*; 11(1): 1295-1297.

International Research Paper

- Singh; S.K., Dubey, S.K, Alli, M, Nigam, S.N, Srivastav, R.K, Sexena, K.B, Yadav A.S, and **Kumar A.** (2013). Development and promotion of an informal and formal seed system through farmer participatory seed production of pigeon pea (*Cajanus cajan* L.) in Uttar Pradesh, India. *Agro ecology and Sustainable Food System*. 37:531-549.
- **Ashok kumar**, A.K.Bharati, Sandeep Yadav, H.C. Pandey & Vikas Kumar(2017).Influence of biofertilizer and Farm Yard Manure on growth, yield and seed quality of mustard (*Brassica Juncea* L. in rainfed condition.International Journal of Agricultural Sciences (IJASR) ISSN (P):2250-0057 ISSN(E):2321-0087.
- Vikas Kumar¹, Vinod Kumar, **Ashok Kumar**, Sanjeev Kochewad and Mahendra Singh (2017) Marketing Channels, Marketing Cost, Margin and Producer's Share in Consumer's Rupee in Paddy Marketing. *Agro Economist - An International Journal* Citation: AE: 4(1): 21-27 : 10.5958/2394-8159.2017.00005.6.
- Singh, M., Kumar, V., Singh, S.K., **Kumar, A.** and Kumar, A. (2019). Assessing the Factors Contributing to Farmers' Income. *Agro Economist - An International Journal*, Citation: AE: 6(2): 53-56.
- Kumar, R., **Kumar, A.**, Tarkeshwar and Kumar, D. (2022). Studies on Genetic variability, Heritability and Genetic Advance for Seed Yield and its Components in Indian Mustard [*Brassica juncea* (L.) Czern & Coss.]. *Biological Forum – An International Journal*, 14 (3): 707-710.
- Kumar, R., **Kumar, A.**, Tarkeshwar and Kumar, D. (2022). Assessment of correlation and path coefficients for yield and its attributing traits in Indian mustard [*Brassica juncea* (L.) Czern & Coss.]. *The Pharma Innovation Journal*; 11(8): 872-879.

- Mishra, R.P., Gyan singh, G., Bhalinge¹, S., Kumar, S., Waghmare, R.A. and **Kumar, A.** (2022). Effect of different doses of silver nitrate on flowering behavior and seed development in Cucumber (*Cucumis sativus* L.). International Journal of Scientific Research in Engineering and Management (IJSREM). 06:1-9.

Abstract

- Singh, Poonam., **Kumar, A.**, Bajpai, V P, Singh, C B and Jatav, AL (2004). Effect of pre-treatment on partially aged seeds of sunflower for germination, vigour, and seedling growth. *National Seed Seminar, organized by ANGRAU, Hyderabad on Feb., 24-26, 2006* P. 130.
- **Kumar, A.**, Singh, Poonam, Pavar, G S and Singh B (2011). Effect of applied sulphur and zinc on seed yield, quality and oil content of linseed.: *National Agriculture Science Seminar, organized by KVK,Bharari,NRCAF Jhansi on Jan., 21-23, 2011* P. 82
- Singh, S., Kumar,M, Bharti, A.K. and **Kumar, A** (2011). A study on adoption pattern and constraints of gram production technology in Jhansi district of Uttar Pradesh. *In: National Symposium on “ Integrated Farming Systems for Sustainable Agriculture-Challenges and opportunities, organized by Institute of Agricultural Sciences, Bundelkhand University, Jhansi during Feb., 19-21, 2011.* 199p.
- Nagaich, D., Pal, M and **Kumar, A** (2011). Medicinal Plants as a source of economy for dryland farming system. *In: National Symposium on “ Integrated Farming Systems for Sustainable Agriculture-Challenges and opportunities, organized by Institute of Agricultural Sciences, Bundelkhand University, Jhansi during Feb., 19-21, 2011.* 180p.

Popular Aricles and Pulses News Letter

- Singh; S.K., Singh, B.B; Gupta, Sanjeev; **Kumar,A.** and Yadav A.S.(2010). Summer Mungbean Changed Farmers Fortune in Fatehpur District. Published by IIPR, Kanpur,NewPules Newsletter Pp 8.
- Mishra, R.P. and **A. Kumar.** 2020. Beej rahit Shankar kheere ki kheti se samyanya khere se char guna adhik utpadan len. Published by Scientific Farming, Indian Arid Legume Society, pp-37-41.

Training Manual

- Singh; S.K., Dubey, S.K; Yadav A.S, and **Kumar A.** (eds.).2010. A Training Manual on “**Chickpea seed production technique**”. Published by IIPR, Kanpur, Pp. 1-32.

Participation in Seminar/Symposium/Special Training/Trainings/workshops

National

- Attended National Symposium on “Vegetable oils scenario: Approaches to meet the growing demands” held at DOR, Rajendranagar , Hyderabad during Jan. 29-31, 2009.
- Attended National Symposium on “Problems and solution of agricultural, agroforestry and animal husbandry in rainfed and limited irrigation” held at NRCAF, Bundelkhand University, Jhansi during January 21-23, 2011.
- Attended National Symposium on “ Integrated Farming Systems for Sustainable Agriculture-Challenges and opportunities, organized by Institute of Agricultural Sciences, Bundelkhand University, Jhansi during Feb., 19-21, 2011
- Attended training programme on “**Protection of Plant Varieties and Farmers Rights Acts, 2001**” organized by **I.G.F.R.I., Jhansi** during March 28th, 2014.
- Attended National Seminar on “**Status of Land Resources: Challenges & Remedies**” organized by Institute of Economics & Finance, Bundelkhand University **Jhansi** during November 28th, 2014.
- Attended training workshop on “**iGroup Infotech India Pvt. Ltd.**” organized by Bundelkhand University **Jhansi** during December 6th, 2014.
- Attended National Seminar on “**Human Right and Women**” organized by Babuu Jagjivan Ram Institute of Law Department, Bundelkhand University **Jhansi** during December 10th, 2014.
- Attended training workshop on “**Auspices of National Assessment and Accreditation Council, Internal Quality Assurance Cell NAAC Awareness.**” organized by Bundelkhand University **Jhansi** during April 22-23th, 2015.
- Attended National Symposium on “Transforming Indian Agriculture towards Food and Nutritional Security” held at Jhansi, Uttar Pradesh during Feb. 20-21, 2016.
- Attended National Seminar on Status of India’s biodiversity under changing climatic conditions with special references to semiarid zone of Bundelkhand region for upliftment of rural economy & women empowerment” Bundelkhand University, Jhansi during March 4-6, 2016.

International

- Attended training 2nd International conference on “**Advances in Agricultural, Biological and Applied Sciences for Sustainable Future (ABAS-2018).**” organized by Swami Vivekanand Subharti University, Meerut during October 20-22th, 2018.
- Attended training 3rd International conference on “**Global Initiatives in Agricultural and Applied Sciences for Eco Friendly Environment (GIASE-2019).**” organized by Tribhuvan University, Kathmandu, Nepal during June 16-18th, 2019.
- Attended International web Conference on Global Research Initiatives for Sustainable Agriculture & Allied Sciences (GRISAAS-2020) during December 28-30, 2020.
- Attended International web Conference on Innovative and Current Advances in Agriculture & Allied Sciences (ICAAAS-2021) during July 19-21, 2021.

Awards

- **Ph.D. Thesis Award 2017** received from the Society for Scientific Development in Agriculture & Technology, Meerut for doctoral research work Effect of sulphur and zinc on growth, yield and seed quality of linseed. In International Conference on Global Research Initiatives for Sustainable Agriculture & Allied Sciences (GRISAAS-2017) at Rajasthan College of Agriculture, Maharana Pratap University of Agriculture & Technology, Udaipur, Rajasthan, India during during December 2-4, 2017.
- **Excellence in Teaching Award** received from the Society for Scientific Development in Agriculture & Technology, Meerut on 30th December, 2020 for outstanding contribution in the field of Seed Science and Technology.
- **Young Scientist Award** received from the Society for Scientific Development in Agriculture & Technology, Meerut on 21th July, 2021 for outstanding contribution in the field of Seed Science and Technology.

Trainings organized

- **Organizing Secretary** of Training Cum Awareness Programme on “**Protection of Plant Varieties and Farmers Rights Acts, 2001**” organized by Institute of Agricultural Sciences, Bundelkhand University, Jhansi during 25th March, 2018.

Trainings attended

Refresher course /Winter school/ Summer School

- Attended **winter school** on “**Quality seed production and seed standards in forage**

crops and ranges grasses: challenges, advances and innovations” held at I.G.F.R.I., Jhansi from Sept.11 to Oct.1, 2013.

- **Attended winter school on “Integration of conventional and biotechnological approaches for improvement of dual purpose crops and grasses” held at I.G.F.R.I., Jhansi from Jan.28 to Feb.17, 2016.**

Number of Research Students Supervised/Guided: 42

Computer proficiency

- **Completed Six Months Diploma in computer Application form NC-CCIT, Kanpur.**

Membership of Scientific Bodies/Societies

Life member, Current Advances in Agricultural Sciences

Contribution in research and development

- **Transfer of technology to the farmer’s.**
- **Conduct of training and demonstrations to the farmer’s.**

Extracurricular activities

- **Participated in one year N.S.S programme during undergraduate studies with ten days special camp.**

Declaration

I hereby declare that the above furnished information’s are correct to the best of my knowledge and belief.

Place:

Date:

(ASHOK KUMAR)

