

CURRICULAM VITAE

- 1. Name of Applicant:** Dr. Omesh Kumar
 - 2. Designation:** Assistant Professor
 - 3. Subject:** Genetics and Plant Breeding
 - 4. Place of Posting:** COA, Kotputli
 - 5. Department:** -Genetics and Plant Breeding
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ACADEMIC QUALIFICATIONS:

<i>Standard</i>	<i>Board/ University</i>	<i>Year</i>	<i>Subject</i>	<i>OGPA</i>
Bachelor's Degree	SKRAU, Bikaner	2015	Agriculture	7.21
Master's Degree	UAS, Dharwad	2017	Genetics and Plant Breeding	84.30
Ph.D	BHU, Varanasi	2025	Genetics and Plant Breeding	7.90

Titles of thesis submitted for any degree with year of submission:

- a) M.Sc. (Ag.) Genetics and Plant Breeding: Breeding for resistance to iron chlorosis in Groundnut (*Arachis hypogaea* L.)
- b) Ph.D. (Ag.) Genetics and Plant Breeding: Genetic Improvement For Drought Tolerance In Indian mustard [*Brassica Juncea* (czern & coss.) L.] Under Rainfed Agriculture System.

EXPERIENCE= 2.5years

S.N.	Name of Employer	Post	Duration		Nature of work
			From	To	
1.	Sri Karan Narendra Agriculture University, Jobner	Asstt. Professor	July, 2023	till now	Teaching, Research and Extension

Award:

1. Mahima Best Research Scholar Award-2019 in International Conference On Climate Change and Its Impact on Global Food Security and Sustainability of Agriculture at BHU
2. **Best Teacher Award-2026** during the year 2026 on the occasion of 77 republic day by college of agriculture, kotputli, SKN Agriculture university –Jobner

Research and Review papers

- **Kumar, O.,** Sridevi,O., Naidu, G.K., and Patil, B.C., (2022) Association between productivity parameters and iron deficiency chlorosis in groundnut (*Arachis hypogaea* L.), *The Pharma Innovation Journal*, 11(5): 1123-1127
- **Kumar, O.,** Choudhary, M., Sridevi, O. and Naidu, G.K. (2022) GGE biplot analysis for SCMR and Yield of groundnut genotypes under Iron deficient calcareous soil, *The Pharma Innovation Journal*, SP-11(5): 910-915
- **Kumar, O.,** Sridevi, O., Naidu, G.K., Patil, B.C., and Choudhary, M. (2022), Genetic variability for resistance to iron Chlorosis, yield and yield related traits in segregating population of groundnut, *The Pharma Innovation Journal*, 11(5): 1128-1133
- Choudhary, M., **Kumar, O.,** Gothwal, D.K., Bajya, M., Dadrwal, B.K., and Singh, V.P., (2022) Assessment of Multiple Tolerance Indices for Moisture Stress in Fenugreek (*Trigonella foenum-graecum* L.), *Legume Research: an international Journal*, 10.18805/LR-4939
- Choudhary, M., Gothwal, D.K.,Kumawat, K.R., Kumawat, R., **Kumar, O.,** and Bajya, M., (2022) Cluster and principal component analysis in fenugreek (*Trigonella foenum-graecum* L.) genotypes based on yield and yield related traits, *The Pharma Innovation Journal*, 11(5): 1723-1728
- Meena, M., **Kumar, O.,** Rajput, R., Singh, A.K. and Dey, I. (2022) Phytotoxicity effect of different doses of Pendimethalin on wheat and succeeding green gram, *The Pharma Innovation Journal*, 11(5): 2252-2254
- Singh, S., Ashutosh, Dwivedi, A. K., **Kumar, O.,** Kumar, K, and Verma, O.P. (2020), Study of Character Association and Path Analysis in Indian mustard (*Brassica juncea* L.) Genotypes, *International Journal of Current Microbiology and Applied Sciences*, 9(2): 3218-3223
- Singh, S., Ashutosh, Dwivedi, A. K., **Kumar, O.** and Kumar, K, (2018), Genetic Divergence Analysis in Indian mustard (*Brassica juncea* L.) *International Journal of Current Microbiology and Applied Sciences*, 7(6): 2496-2503

- **Kumar, O.** And Choudhary, M., (2020), Double Haploid: An overview, *nternational Journal of Current Microbiology and Applied Sciences*, 9(1)
- Tirkey, A.E., Srivastava,K.,Tantuway, G. and **Kumar, O., (2021)**, Understanding Nature and Magnitude of Gene Action Under Influence of Different Dates of Sowing for Yield and Oil Content in *Brassica juncea* L., *International Journal of Current Microbiology and Applied Sciences*, 10(10): 470-480
- **Kumar, O.,** Sridevi,O., Naidu, G.K., and Patil, B.C., (2019), Evaluation of groundnut mini core for resistance to iron deficiency chlorosis under calcareous soils, *Journal of Pharmacognocoy and phytochemistry*, 8(6): 131-135
- Naidu, G.K., Pattanashetti, S.K., **Kumar, O.,** Sridevi, O., and Patil, B.C (2021) Differential response of groundnut genotypes for iron(Fe) deficiency chlorosis tolerance and productivity traits under Fe- supplemented and Fe- non supplemented conditions, *Indian Journal of Genetics and Plant Breeding*, 81(1): 74-86
- Girish, T., Srivastava, K., Tirkey, A.E., Bhandari, H. and Kumar, O. (2024), Comparative Assessment Of Genetic Diversity At Morphological And Molecular Levels In Indian Mustard Germplasm, *Plant Archives*, Vol. 24, No. 2, 2024 pp. 1242-1250
- Ashish Sheera, Nashra aftab, Jatin tanwar, vijay kamal meena, Omesh kumar, Tuhina dey, Vijayata Singh, Jogendra singh, Ravi kumar meena, (2025), Biofortification strategies for wheat: Enhancing zinc and iron nutritional quality to combat micronutrient deficiencies and ensure food security, *Journal of Food composition and analysis*, Volume147, November 2025, 108009