


CURRICULUM VITAE

Narendra Padra

Ph.D. (Genetics and Plant Breeding)

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PROFESSIONAL PROFILE

Ph.D. in Genetics and Plant Breeding with expertise in mutation breeding, crop improvement and statistical data analysis. Experienced in research publication, field trials, and advanced agricultural technologies. Motivated to contribute to innovation in agriculture and sustainable farming practices.

CAREER OBJECTIVE

To contribute to agricultural research and innovation in genetics and plant breeding, with a special focus on mutation breeding, crop improvement and sustainable agriculture. Dedicated to applying advanced scientific methods to benefit farmers, enhance productivity and promote food security.

PROFESSIONAL EXPERTISE

- Specialization in **Mutation Breeding**
- Hands-on experience in **crossing techniques** (tomato, mustard, pigeonpea, etc.)
- Proficient in data analysis software: **OPSTAT, R Studio, Agri-Analysis**
- Strong skills in **experimental design, field trials and statistical analysis**
- Experienced in **research documentation, publication writing and academic presentations**

EDUCATIONAL QUALIFICATION

Qualification	Institution	University/Board	Year	Specialization	OGPA/%
Ph.D.	COA, Kota	AU, Kota	2025	Genetics and Plant Breeding	7.50
M.Sc. (Ag)	SHUATS, Prayagraj (U.P.)	SHUATS, Prayagraj	2021	Genetics and Plant Breeding	7.21
B.Sc. (Ag)	COA, Lalsot	SKNAU, Jobner	2019	Agriculture	6.73
12th	JVP Sr. Sec. School, Jaipur	RBSE	2014	PCB	74%
10th	AVM Sr. Sec. School, Jaipur	RBSE	2012	All Subjects	73%

ACADEMIC RESEARCH

Degree	Title of The Thesis	Year
Ph.D. (Genetics and Plant Breeding)	Creation of Variation Through Chemical Mutagenesis in Blackgram [<i>Vigna mungo</i> (L.) Hepper]	2025
M.Sc. (Ag.) Genetics and Plant Breeding	Genetic variability and character association studies for morpho-physiological characters in indian mustard genotypes under heat stress condition (Trail and Research work at ICAR-DRMR, Bharatpur, Rajasthan)	2021

PUBLICATIONS

Research Papers

1. **Padra, N.**, Ram, B., Singh, A. and Fozdar, P. (2024). Assessment of Genetic variability and heritability of Morpho-physiological traits in Indian mustard (*Brassica juncea*) genotype under heat stress. *Environment and Ecology*, 42(4B):1943-1950.
2. **Padra, N.**, Ram, B., Singh, A. and Fozdar, P. (2024). Analysis of genetic Diversity using D² in Indian mustard [*Brassica juncea* (L.) Czern & Coss.] genotype for Morpho- physiological characters under heat stress condition. *Annals of Agricultural Research*, 45(3) :268-271.
3. Choudhary, S., Koli, N. R., Sharma, S. C., Meena, D. S., Sharma, K. M., Meena, C. B. and **Padra, N.** (2024). Exploitation of heterosis for grain yield and yield component traits in bread wheat (*Triticum aestivum* L.) over environments. *Biological Forum – An International Journal*, 16(7), 240–245.
4. Meena, B. L., Meena, R. K., and **Padra, N.** (2024). Estimation of heterosis and combining ability for oil and protein content in soybean (*Glycine max* L. Merrill). *International Journal of Advanced Biochemistry Research*, SP-8(11), 325–328.
5. Meena, B. L., Koli, N. R., and **Padra, N.** (2024). Line × tester analysis of combining ability for seed yield and its contributing traits in soybean (*Glycine max* L. Merrill). *Journal of Advances in Biology & Biotechnology*, 27(11), 902–909.
6. Meena, B. L., Meena, D. S., Tak, Y., and **Padra, N.** (2024). Identification of best cross combinations for soybean improvement. *Frontiers in Crop Improvement*, 12(Special Issue-I), 508–513.
7. **Padra, N.**, Ram, B. and Singh, A. (2025). Assessment of correlation and path analysis for Morpho-physiological characters in Indian mustard genotype under heat stress condition. *Annals of Agricultural Research*, 46(1) :45-51.

Popular Articles

1. Kumar, A., **Padra**, N., Fozdar, P. and Choudhary, R. S. (2023). Agriculture Water Management for Improving crop Productivity. Vigyan Varta an International E-Magazine for Science Enthusiasts, 4(1):36-40, E-ISSN:2582-9467.
2. अनुज कुमार, देवीलाल किकरालिया और **नरेन्द्र पादडा** (2022). अभिनव कृषि, वर्ष-4, अंक-4, (36-37), रजि. नं.: RAJHIN/2021/81869.
3. **Padra**, N., Kumar, A., Kumar, H., and Fozdar, P. (2023). Genetically Modified- Mustard. Vigyan Varta an International E-Magazine for Science Enthusiasts, 4(1):100-103, E-ISSN:2582-9467.
4. Kumar, A., Kikraliya, D. L., Choudhary, R. S. and **Padra**, N. (2023). Vertical Farming – The Future of crop Production. Agri Articles, 3(01):133-136, E-ISSN:2582-9882.
5. अनुज कुमार, देवीलाल किकरालिया और **नरेन्द्र पादडा** (2023). बाजरा की खेती. मरुधरा कृषि, वर्ष-8, अंक-2, (117-119), ई-आई. एस. एस. एन.: 2583-1410.
6. **नरेन्द्र पादडा**, अनुज कुमार, पूनम फोजदार और अनिल कुमार यादव (2023). ज्वार है पोषण एवं खाद्य सुरक्षा का एक सशक्त विकल्प. मरुधरा कृषि, वर्ष-8, अंक-2, (143-145), ई-आई. एस. एस. एन.: 2583-1410.

NATIONAL AND INTERNATIONAL CONFERENCES

1. International Conference on Development and Promotion of Millets and Seed Spices for Livelihood Security organized by Agriculture University, Jodhpur & ICAR-AICRP on Pearl Millet, Jodhpur at Agriculture University, Jodhpur, Rajasthan, India, during 24-26 February, 2023.
2. National Seminar on Diversification in Agriculture for Enhancing Farmers' Income organized by S K Rajasthan Agriculture University, Bikaner, Rajasthan, during September 11-12, 2023.
3. Conference on Seed Species and Allied Crops & Institute Industry Meet 2024 organized by ICAR- National Research Center on Seed Spices, Tabiji, Ajmer-305206 (Raj.) during 13-15 March 2024.
4. National Conference on Mazie: A crop for food, feed, nutritional and bioenergy security with environmental sustainability held during August 23-25, 2024 at Ludhiana.
5. National conference on Nutri-cereals and smart-foods for transforming Resources, innovations and technology for optimal nutritional security organized by Agriculture University, Jodhpur, Rajasthan from 18-19 march, 2025.

TRAININGS AND INTERSHIPS

1. One week training programmer on **Artificial Intelligence in Agriculture** organized by the Department of Genetics and Plant Breeding, SKN Collage of Agriculture, Jobner (Raj.) from 11-17 october,2023.
2. 21 Days International training cum certificate course on **Agriculture Drones Revolutionizing the future of Agriculture** organized by Agri meet foundation and Aviana from 21st may to 10th June 2022.
3. **ICRO Amrit internship programme** sponsored by IPL Centre for Rural Outreach during June-October, 2023.
4. Completed a live project titled-**Impact assessment study on climate-resilient agriculture practices** during 15th Feb. to 25th Feb, 2025 at synergy technofin pvt. Ltd, New Delhi.
5. Ten days **Hands on Training program on Basic Statistical to Molecular Analysis using R** organized by CropInfoTech, Jaipur (Rajasthan).

AWARD AND EXTRA-CURRICULAR ACTIVITIES

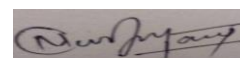
1. **Two-year** (2015-2017) **NSS course-** Campaign Health and Public Sanitation
2. **RAWE-** Rural Agriculture Work Experience program in 2019
3. **Three times represented college** in Inter-College games and culture week (2016, 2017 and 2018) at SKNAU, Jobner
4. **Best M.Sc. Thesis Award** by Vigyan Varta Foundation (Reg. No. 1082408720)

DECLARATION

I hereby declare that the information furnished above is true to the best of my knowledge.

Place—Makrana

Date-08/08/2025



NARENDRA PADRA