

## Curriculum Vitae

### **1. Personal Profile:**

Name : Amit Kumar Chaudhary  
Date of Birth : 06/07/1994  
Father's Name : Dhruv Chand Chaudhary  
Marital Status : Married  
Religion : Hindu  
Language : Hindi & English  
Sex : Male  
Nationality : Indian  
Permanent address : Village - Mahulani, Tola - Devgharwa, Post - Bridgemanganj,  
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### **2. Educational Qualifications:**

Examination passed	Board/ University	Year	Division	Mark (%)	Subject
High School	U.P. Board Allahabad	2009	First	60.16	Science
Intermediate	U.P. Board Allahabad	2011	First	68.60	Science (Biology Group)
B.Sc. (Ag.)	D.D.U.G.U. Gorakhpur	2015	First	71.82	Agriculture
M.Sc. (Ag.)	A.N.D.U.A. &T., Kumarganj, Ayodhya (U.P.)	2017	First	78.56	Genetics & Plant Breeding
Ph.D.	A.N.D.U.A. &T., Kumarganj, Ayodhya (U.P.)	2021	First	86.37	Genetics & Plant Breeding

**1. Work Experience-** Working as Assistant Professor in Sangam University, Bhilwara, Raj. from September-2021 to till date.

## 2. Extracurricular activities:

- a) Studies on genetic variability, character association path and divergence analysis in Faba bean (*Vicia faba* L.).

**M. Sc. Guide:** Dr. C.B. Yadav, (Potential crop Breeder) Assistant Professor in the Department of Genetics & Plant Breeding, A.N.D.U.A.&T., Kumarganj, Ayodhya- 224 229 (U.P.).

- b) Studies on combining ability and heterosis for yield and its contributing traits in faba bean (*Vicia faba* L.) under sodic conditions. (**Ph.D.**).

**Ph.D. Guide:** Dr. Shiva Nath (Chickpea Breeder), Associate Professor in the Department of Genetics & Plant Breeding, A.N.D.U.A.&T., Kumarganj, Ayodhya- 224229 (U.P.).

## 3. Research papers: 11

- a) **Amit Kumar Chaudhary**, C. B. Yadav, Hamsa Poorna Prakash, Shiv Prakash Shrivastav and Suraj Kumar Hitaishi (2018). Genetic variability, heritability, genetic advance and divergence for yield and its contributing traits in faba bean (*Vicia faba* L.). *Int. J. Curr. Microbiol. App. Sci.* **7**(6): 1897-1907.
- b) **Amit Kumar Chaudhary**, Shiva Nath, Suraj Kumar Hitaishi and Akriti Dutt (2020). Assessing of genetic variability, heritability and genetic advance in faba bean (*Vicia faba* L.) under sodic soil. *J. Pharmacognosy and Phytochemistry.* **9**(5):966-970.
- c) **Amit Kumar Chaudhary**, Shiva Nath, O.P. Verma and Hamsa Poorna Prakash (2020). Interrelationship in hybrids and segregants of Faba bean (*Vicia faba* L.) undersodic soil. *The Pharma Innovation J.*; **9**(9): 307-311.
- d) Hamsa Poorna Prakash, O.P. Verma and **Amit Kumar Chaudhary** (2018). Genetic variability, heritability and genetic advance in rice (*Oryza sativa* L.) under salt affected soil. *Int. J. Curr. Microbiol. App. Sci.* **7**(5): 3183-3192.
- e) Kanhaiya Lal, Rajesh Kumar, Vishal Singh, **Amit Kumar Chaudhary**, Harikant Yadav and Ashvani Kumar (2018). Evaluation of genetic divergence for grain yield and its contributing traits in field pea (*Pisum sativum* L. var. arvense). *Int. J. Curr. Microbiol. App. Sci.* **7**(6): 1821-1826.
- f) Hamsa Poorna Prakash, O.P. Verma, **Amit Kumar Chaudhary** and Mohammad Amir (2018). Correlation and path coefficient analysis in rice (*Oryza sativa* L.) for sodicity tolerance. *Int. J. Curr. Microbiol. App. Sci.* **7**(7): 177-187.
- g) Akriti Dutt, Nirupma Singh, **Amit Kumar Chaudhary** and PK Singh (2020). Inter-relationship analysis for improvement of yield components in rice (*Oryza sativa* L.) under sodic soil. *J. Pharmacognosy and Phytochemistry*; **9**(1): 1656-1658.

- h) Shiv Prakash Shrivastav, O. P. Verma, Vishal Singh, Kanhaiya Lal, **Amit Kumar Chaudhary** and Suraj Kumar Hitaishi (2020). Assessing Genetic Variability, Heritability and Genetic Advance in Rice (*Oryza sativa* L.) Under Sodic Soil. *Int. J. Curr. Microbiol. App. Sci* **9**(2): 3108-3115.
- i) Suraj Kumar Hitaishi, SC Vimal and **Amit Kumar Chaudhary** (2020). Association and path analysis of yield attributes and physiological parameters in rice (*Oryza sativa* L.) under problematic soil conditions. *The Pharma Innovation J.*; **9**(9): 347- 353.
- j) Suraj Kumar Hitaishi, SC Vimal and **Amit Kumar Chaudhary** (2020). Heterosis and inbreeding depression for yield, its contributing characters and physiological parameters in rice (*Oryza sativa* L.) under stress condition. *J. Pharmacognosy and Phytochemistry*, **9**(5): 1216-1218.
- k) Tarkeshwar, Shiva Nath, Govind Mishra, **Amit Kumar Chaudhary**, Rishabh Gupta, Ajeet Kumar Gupta and S.C. Vimal (2022). Genetic Diversity Analysis in Indian Mustard [*Brassica juncea* (L.) Czern and Coss]. *Biological Forum – An International Journal*, **14**(2): 1571-1574.
- l) Keshav Prasad Kurmi, Satyavir Singh, S. P. Tailor and **Amit Kumar Chaudhary** (2023). Effect of Textile Effluent on Seed Germination and Early Growth of Wheat (*Triticum aestivum* L.) and Mustard (*Brassica juncea* L.). *Current Journal of Applied Science and Technology*, **42** (9): 1-5.

#### 4. Patent -

- a) Smart agricultural techniques based on IOT for detection of soil nutrition and plant disease. (Dr. Gunmala Gugalia, Ajay Kumar Suwalka, Ajay Kumar Jaiswal, Nirmal Singh, Heera Lal Sharma, Dharmendra Kumar, Keshav Prasad Kurmi, **Dr. Amit Kumar Chaudhary** and Dr. Jumman Ali Ansari), Issue No. - 02/2023, Date-13/01/2023.

#### 5. Articles: 5

- a) Mechanism of Generating MAGIC Population and Its Utility for Crop Improvement (Biotica Research Today)
- b) Green manure farming (Krishak Aaradhana)
- c) Advance cultivation of Moong (Krishak Aaradhana)
- d) Modern cultivation of Sunflower (Krishak Aaradhana)
- e) Utility and importance of Bio-fertilizer (Madhya Bharat Krishak Bharat)
- f) A study of mushrooms in the context of immunity (Eastern Scientist)

**6. Book Chapter: 4**

- a) Plant breeding for drought resistance (*Advances in Environment and Agriculture Biotechnology*), **ISBN:** 978-3-96492-080-5, Pp 29-36.
- b) Breeding of rice (*Advances in Environment and Agriculture Biotechnology*), **ISBN:** 978-3-96492-080-5, Pp 73-79.
- c) Breeding for Diseases Resistance in Field Crops (*Recent Trends in Integrated Pest and Disease Management*), **ISBN:** 978-3-96492-078-2. Pp 79-81.
- d) Marker Assisted Breeding: Present status and future prospects of marker assisted selection (MAS) in crop improvement (*Current Initiatives in Biosciences*), **ISBN:** 978-3-96492-110-9. Pp 114-115.

**7. International Conference-** Advances in Agricultural, Biological and Applied Sciences for Sustainable Future. (ABAS-2018). ATDS/ABAS 2035 2018

**8. National Seminar-** First National Seminar on Science & Innovation-14 Feb. 2014

**9. National Symposium-** Pulse for Nutritional Security and Agriculture Sustainability. Dec. 2-4 2017.

**10. National Conference-** a. Emerging Challenges and opportunities in Agriculture, Social, Plant, Environment, Co-operatives & Technology (ECOASPECT-2016).

b. National Conference on Doubling Farmers Income for Sustainable and Harmonious Agriculture” DISHA-2017.

c. Organic farming For Sustainable Agriculture and livelihood security under changing climate conditions. 12-13 December 2017.

**11. Poster presentation:** Presented research paper (poster presentation) on Genetic Variability, divergence, character association in Faba bean (*Vicia faba* L.) in National Symposium (PulSym2017) held at ICAR-IIPR, Kanpur (U.P.) India, during December 2-4, 2017.

**12. Awards:**

a). **Young Scientist Award** -By S&T SIRI for Outstanding Contribution in The field of Genetics and Plant Breeding on The Occasion of Conference on Science and Tech Society for Integrated Rural Improvement, 11-12 November 2017 held at Thorrur, Mahabubabad, Telangana-506163

b). By S&T SIRI for Outstanding Contribution in The Field of Genetics and Plant Breeding on The Occasion of Conference on Science and Tech Society for Integrated Rural Improvement, 9-10 September 2017 held at Thorrur, Warangal, Telangana-506163.

**13. Life Time membership in professional societies:** Science & Technology Society for Integrated Rural Improvement.

**14. Number of Webinar : 12**

**15. Number of Quiz: 2**

**16. Name & contact information of two references:**

- a) Dr. Shiva Nath, Associate Professor, Deptt. of Genetics and Plant Breeding, ANDU&T, Kumarganj, Ayodhya. Mob.9452276217, [Email-shivanduat@yahoo.com](mailto:Email-shivanduat@yahoo.com)
- b) Dr. O.P. Verma, Assistant Professor, Deptt. of Genetics and Plant Breeding, NDU&T, Kumarganj, Ayodhya. Mob.- 9450464184, Email- [ompverma.verma@gmail.com](mailto:ompverma.verma@gmail.com)

**Declaration:** I, hereby, declare that all the informations mentioned above are true and correct to the best of my knowledge and belief.



**Dated:** 15 / 04 / 2025

(Amit Kumar Chaudhary)

**Place :** Maharajganj (U.P.)