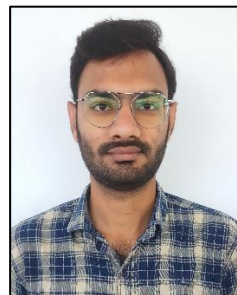


# RESUME

## **Ravi D. Patel**

Ph.D. (Genetics and Plant Breeding),  
C. P. College of Agriculture,  
S. D. A. U. Sardarkrushinagar, Gujarat



### ❖ Personal Details:

**Name** : Mr. Ravikumar Dipakbhai Patel  
**Gender** : Male  
**Date of birth** : 26<sup>th</sup> August 1998  
**Permeant Address** : A – 602/ Shaligram Square, Behind Satyamev Vista,  
Near Vishesh Residency, off. S. G. Highway, Gota,  
Ahmedabad, Gujarat – 382481  
**Email** : [rdpatel26898@gmail.com](mailto:rdpatel26898@gmail.com)  
**Mobile No.** : 9426281500  
**Language Proficiency** : Gujarati, Hindi and English  
**Nationality** : Indian

### ❖ Educational Details:

Degree	Year of Passing	College/Dept. & University	OGPA/ Result
Ph.D. Genetics and Plant Breeding	2024	C. P. College of agriculture, SDAU, Sardarkrushinagar, Gujarat	7.43
M.Sc. (Agri.), Genetics and Plant Breeding	2021	C. P. College of agriculture, SDAU, Sardarkrushinagar, Gujarat	7.74
B.Sc. (Hons.), Agriculture	2019	C. P. College of agriculture, SDAU, Sardarkrushinagar, Gujarat	7.18
H. S. C.	2015	Shri M. D. shastri Swaminarayan uchchar Vidyalaya, Kansa, Gujarat	72.15 %
S. S. C.	2013	N. M. Nootan sarva Vidyalaya, Visnagar, Gujarat	84.67 %

### ❖ Achievements:

- Received **Award of SHODH fellowship** by Government of Gujarat.
- Received “**Young Plant Breeder Award**” on the occasion of International conference "Global Insights on Research and Development in Agriculture, Horticulture and Allied Sciences" organized by G. H. Rasoni University, Saikheda (MP), Just Agriculture Education Group & AEEFWS, Chandigarh held on 05-07 Oct, 2023 at G. H. Rasoni University, Saikheda (MP).
- Received “**Best M. Sc. Thesis Award**” on the occasion of International Agriculture Conference on “Natural vs organic farming: in context to Bhartiya agriculture” organized by Gujarat Natural Farming and Science University and Anand Hindustan Agricultural Research Welfare Society and IIMTU, Meerut during 24 - 26 December 2023.

### ❖ Projects Undertaken:

<b>Ph. D. (Genetics &amp; Plant Breeding)</b>	<b>“Genetic analysis for yield, its attributes and nitrogen use efficiency in bread wheat (<i>Triticum aestivum</i> L.)”</b>
	<b>Objectives:</b> <ul style="list-style-type: none"><li>• To estimate the <i>gca</i> effect of parents and <i>sca</i> effect of hybrids in bread wheat for yield, its attributes and nitrogen use efficiency.</li><li>• To investigate gene effects and the inheritance controlling the nitrogen use efficiency.</li><li>• To find out trait interrelationship between yield and its attributing characters including nitrogen use efficiency.</li><li>• To study the root morphology.</li><li>• To find out nitrogen use efficiency and uptake by wheat.</li></ul>
<b>PG / M.Sc. (Genetics &amp; Plant Breeding)</b>	<b>“Estimation of Heterosis and Combining Ability in Maize (<i>Zea mays</i> L.)”</b>
	<b>Objectives:</b> <ul style="list-style-type: none"><li>• To estimate the analysis of variances for yield and yield attributing traits.</li><li>• To estimate the magnitude of heterosis.</li><li>• To study the general combining ability and specific combining ability variances and effects for different traits.</li></ul>

<b>UG / B.Sc. (Hons.), Agriculture</b>	<b>RAWE (Rural Agricultural Work Experience) &amp; ELP (Experimental learning Programme)</b>
	<ul style="list-style-type: none"> <li>• Seed Production Technology / Plant Tissue Culture</li> <li>• Soil, Plant, Water and Seed Testing</li> </ul>

### ❖ Publications:

#### (i) Research Papers :

- **Patel, R. D.**, Prajapati, K. N., Patel, J. M., & Patel, R. M. (2022). Combining ability and gene action analysis for yield and yield attributing traits in maize (*Zea mays* L.). *The Pharma Innovation Journal*, 11(12): 2865-2869. **NASS Rating - 5.23.**
- **Patel, R. D.**, Prajapati, K. N., Patel, R. M., & Patel, J. M. (2022). Estimation of heterosis for kernel yield and its attributing traits in maize (*Zea mays* L.). *The Pharma Innovation Journal*, 11(12): 1638-1643. **NASS Rating - 5.23.**
- Patel, D. D., Solanki, S. D., Patel, A. M., & **Patel, R. D.** (2022). Variability, correlation, path analysis and screening for yellow mosaic virus in cowpea. *The Pharma Innovation Journal*, 11(12): 2076-2080. **NASS Rating - 5.23.**
- Chaudhary, N. B., Vaid, R. R. and **Patel, R. D.** (2023). Genetic variability, correlation and path analysis in bread wheat (*Triticum aestivum* L.) genotypes for yield and its attributing traits. *The Pharma Innovation Journal*. 12(12): 3493-3497. **NAAS rating - 5.23.**

#### (ii) Book Chapter :

- **Patel, R. D.**, Purohit Y. J. and Donga A. R. (2024). High temperature stress tolerance in maize (*zea mays* L.) in book of Futuristic Trends in Agriculture Engineering & Food Sciences. *IIP Series*. **3**: 205-218.

#### (iii) Popular Articles :

I published 1 article in Gujarati magazine “**Krushvi Vigyan**” and 3 articles in Gujarati regional newspaper “**Krushvi Prabhat**” in Gujarati language.

- Apoorv M. Patel and **Ravi D. Patel** (2023). રાઈની નફાકારક ખેતી પદ્ધતિ (title in English language - A profitable farming system of rye) *Krushvi vigyan magazine*, September 2023, Page no.: 25-27.
- **Patel R. D.** & Vaid R. R. (2022). ખેતી પાકોમાં વિષ પ્રલોભિકા દ્વારા જીવાત નિયંત્રણ (title in English language - Pest control in agricultural crops by poison baits). *Krushvi Prabhat* (Gujarati regional newspaper). On the date of 26/12/2022. Page no. – 13.

- Vaid R. R. & **Patel R. D.** (2022). કપાસમાં ગુલાબી ઇયળનો ઉપદ્રવ વધવાના સંભવિત કારણો (Title in English language - Pink bollworm infestation in cotton & possible reasons for the increase). *Krusha Prabhat* (Gujarati regional newspaper). On the date of 06/12/2022. Page no. – 15.
- Vaid R. R. & **Patel R. D.** (2022). કપાસનાં પાકમાં ગુલાબી ઇયળનું જીવનચક્ર અને નુકસાન. (Title in English language - Life cycle and damage of pink bollworm in cotton crop). *Krusha Prabhat* (Gujarati regional newspaper). On the date of 05/12/2022. Page no. – 13.

### ❖ **Workshop / Training Attended:**

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- Participated in training hands on programme on “**Plant Tissue Culture & Transgenics**” organized by Gujrat biotechnology Research Centre and Anand Agricultural University during 9<sup>th</sup> – 20<sup>th</sup> October 2023 at GBRC, Gandhinagar.
- Participated in one week training programme on “**Fundamentals of Finance for Non-Financial Individuals in the area of Agri and Allied Sectors**” organized by Centre for Agricultural Market Intelligence under NAHEP-CAAST, International Agri-Business Management Institute, Anand Agricultural University, Anand, during 25 to 30 September, 2023 at IABMI, AAU, Anand.
- Participated in 11 days International Agri Influx, Training Cum Certificate Course on “**Agri-tech world – 2023**” jointly organised by International Centre for Tropical Agriculture (CIAT), International Centre for Agricultural Research in the Dry Areas (ICARDA), ICAR-Indian Institute of Millets Research, ICAR-Agricultural Technology Application Research Institute (ATARI), ICAR-Indian Institute of Soybean Research (IISR) and Hindustan Agricultural Research Welfare Society from 15 - 25 August 2023.
- Participated in 21 days Certificate cum Training Program on “**Agri Skill India (ASI - 2023)**” during 9<sup>th</sup> to 29<sup>th</sup> April 2023 jointly organized by ICAR – Indian Institute of Maize Research, Punjab and Hindustan Agricultural Research Welfare Society, Agra.
- Participated in the “**15 days International Training cum Workshop Program**” jointly organized by SKUAST (Sher-e-Kashmir University of Agricultural Sciences and Technology-Kashmir), AEEFWS (Agro Environmental Education and Farmer's Welfare Society, Punjab) & Just Agriculture-The Magazine during 10<sup>th</sup> November to 24<sup>th</sup> November 2022.
- Completed **one month** training during RAWI Industrial Phase at **Sanjay Seeds Corporation**, Visnagar, Gujarat. During 12<sup>th</sup> November to 11<sup>th</sup> December 2018.

### ❖ **Conference/ Symposium : Participation & Oral/Poster Presentation**

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- Participated and presented paper as a oral presentation on “**Climate resilient millets: a valuable crop for the future**” in International Conference on "Impact of Climate Changes on Global Food, Livestock, Livelihood and Environmental Security: Advanced Approaches and Mitigation Strategies" (ICCGFLLES-2023) jointly organized by NAU, Navsari (India) and NADCL, Baramulla (India), in-collaboration with ICAR-NAHEP, CAAST, NAU, Navsari, held at main campus, Navsari Agricultural University, Navsari, Gujarat (India) during 28 to 30 December 2023.

- Participated and presented paper as a oral presentation on **“Pearl millet: a climate-resilient nutricereal for combating hidden hunger and enhancing nutritional security”** in International Agriculture Conference on “Natural vs organic farming: in context to Bhartiya agriculture" Organized by Gujarat Natural Farming and Science University, Anand and Hindustan Agricultural Research Welfare Society and IIMTU, Meerut during 24 - 26 December 2023.
- Participated and presented paper as a poster entitled **“Millets - nutritional values and potential health benefits”** in the National Conclave on Promotion of Millets (Shree Anna) for Sustainable Agriculture and Nutritional Security Towards Global Prosperity: Key Challenges and Future Prospects. Organized by Sardarkrushinagar Dantiwada Agricultural University in collaboration with GSGPB & DRI held at Sardarkrushinagar Dantiwada Agricultural University, Sardarkrushinagar (Gujarat) during 30<sup>th</sup> October -1<sup>st</sup> November.
- Participated and presented paper as a poster entitled **“Genetic Diversity and Principal Component Analysis of maize hybrids derived from indigenous genotypes”** in the National Conference on "Natural Farming for Sustainable Agriculture and National Prosperity" jointly organised by Sardarkrushinagar Dantiwada Agricultural University, Akshay Krishi Parivar, Kukma, Kachchh & Royal Association for Science-Led Socio-Cultural Advancement, New Delhi held at Sardarkrushinagar Dantiwada Agricultural University, Sardarkrushinagar (Gujarat) during 11-13 November, 2022.
- Participated and presented paper as a poster entitled **“Estimation of Gene action and combining ability for grain yield and its component traits in Sorghum [*Sorghum bicolor* (L.) Moench]”** in the National Symposium on "Emerging Innovations in Plant Molecules for Achieving Food and Nutritional Security" held at ASPEE College of Horticulture and Forestry, Navsari Agricultural University, Navsari on 22<sup>nd</sup> and 23<sup>rd</sup> September, 2022.
- Participated in the two days National Seminar cum Workshop on **“Food for thought: Applied Statistics and its Implications”** organized by Department of Agricultural Statistics, NMCA & Centre for Advanced Agricultural Science and Technology, NAHEP at Navsari Agricultural University, Navsari on 29-30<sup>th</sup> June on the eve of 16th National Statistics Day, 2022.
- Participated in 2<sup>nd</sup> state level convention on **“Doubling Farmers Income Through Resource Management and Rural Prosperity”** held on 12-13 October 2019 at Anand Agricultural University, Anand, Gujarat.

#### ❖ **Additional Responsibilities:**

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- Stall Exhibition and providing information to the farmers during **Rabi Krushi Mahotsav** at Dantiwada, Banaskantha, Gujarat on 24 – 25<sup>th</sup> November, 2023.
- Engaged as a volunteer during ICAR sponsored Winter School **“Conservation and Utilization of Potential crops in the Era of Climatic Change”** conducted during 18<sup>th</sup> January to 07<sup>th</sup> February, 2022 at Department of Genetics & Plant breeding, C. P. College of Agriculture, Sardarkrushinagar Dantiwada Agricultural University, Sardarkrushinagar, Gujarat.