

CHAUDHARI SONALIBEN BHARATBHAI

Ph. D. (Soil Science and Agricultural Chemistry)

Registration No.1010120004



Permanent Address

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Career Objective:

- To obtain a challenging position at a recognised firm where I may grow my knowledge, abilities and learnings.
- To find work with a respected company where I can put my abilities and business studies background to the best use possible.
- Find a responsible job opportunity where I can put my learning and skills to good use while contributing to the company's success.

Professional/Technical Skills:

- Communication skills.
- Collaboration.
- Testing and analyzing chemical or physical properties of soil.
- Interpreting test results.

Educational Details:

<u>Degree</u>	<u>Year of Passing</u>	<u>College/Dept. & University</u>	<u>Result</u> OGPA or %
Ph.D. (Soil Science and Agricultural Chemistry)	Pursuing	Department of Soil Science and Agricultural Chemistry, N. M. College of Agriculture, NAU, Navsari.	8.22 (till now)
M.Sc. (Soil Science and Agricultural Chemistry)	2019	Department of Soil Science and Agricultural Chemistry, College of Agriculture, JAU, Junagadh.	7.97
B.Sc. (Honours) Agriculture	2017	N. M. college of Agriculture, NAU, Navsari.	7.74
H. S. C. (Science stream: Physics, Chemistry, Biology)	2013	Shree N. D. Desai Sarvjanik High School, Vankal. GSHSEB, Gandhinagar	65.69 %
S. S. C.	2011	Shree N. D. Desai Sarvjanik High School, Vankal. GSHSEB, Gandhinagar	82.60 %

Project/s Undertaken:

PG Project (Ph.D.)	“PREPARATION OF PHOSPHORUS ENRICHED COMPOST AND ITS EFFECT ON SOIL PROPERTIES AND YIELD OF <i>KHARIF</i> RICE.”
	<ul style="list-style-type: none">➤ Phosphorus is required by the plants for optimum growth and yield. But it is considered as most limited factor of many crop production system, due to its unavailability of soluble forms in the soils. About 80% of applied P fertilizers are immobilized due to the formation of complex with Al or Fe in acidic soils or Ca in calcareous soils.➤ The experiment on enrichment of compost is aimed to explore the possibility of preparation and utilization of phosphorus enriched compost on rice (<i>kharif</i>) growth, yield and soil health.
PG Project (M.Sc.)	“EFFECT OF SALINE IRRIGATION WATER ON GROWTH, YIELD AND NUTRIENT COMPOSITION OF OKRA (<i>Abelmoschus esculentus</i> L.) VARIETIES”
	<ul style="list-style-type: none">➤ The pot experiment comprised of for levels of saline irrigation water (< 2.0, 4.0, 6.0 and 8.0 dS m⁻¹) and five genotypes of okra (Guj.Okra-2, Guj.Okra-3, Guj.Okra-5, Guj.Anand okra-6 and Pusa savani) was carried out.➤ Based on salinity indices, The tolerance order of okra varieties to salinity in decreasing order were Guj. Okra-2 > Guj. Anand Okra-6 > Guj. Okra-3 > Pusa savani > Guj. Okra-5 against salinity in silty clay soil.
UG Project	PCP (Practical Crop Production)
	<ul style="list-style-type: none">➤ Field preparation, seed treatment, nursery raising, sowing, nutrient, water and weed management, management of insect-pests diseases, harvesting, drying, threshing, winnowing and storage of paddy crop during 3rd semester.➤ Harvesting, threshing and packaging of sunhemp crop was carried out during 4th semester of under graduate study in PCP programme.

Achievements:

- Selected for **AWARD OF M.Phil./Ph.D./M.Phil+ Ph.D IN SCIENCES, ENGINEERING AND TECHNOLOGY, HUMANITIES AND SOCIALSCIENCES UNDER THE SCHEME OF NATIONAL FELLOWSHIP & SCHOLARSHIP FOR HIGHER STUDIES OF ST STUDENTS.** (Being implemented by Ministry of Tribal Affairs, Govt. of India)
- Winner of inter Collegiate Kho-Kho Tournament

Training Programmes Participation Details:

- Participation in specialized girls self-defence training camp

Publication Details:

Research paper :

- **Sonali Chaudhari**, Bhikhabhai Talavia and Arpita Meena, 2023. Effect of saline irrigation water on biochemical parameters of okra (*Abelmoschus esculentus* L.) varieties. *The Pharma Innovation Journal*; **12**(3): 3629-3632.
- Talavia, B. P. and **Chaudhari, S. B.** 2019. Effect of saline irrigation water on growth, yield, yield attributes and quality of okra (*Abelmoschus esculentus* L.) Varieties. *Indian Journal of Agriculture and Allied Sciences*, **5**(4):42-52.
- Meena, A.; Solanki, R. M.; Parmar P. M. and **Chaudhari, S.** 2022. Effect of spacing and nitrogen fertilization on growth, yield and economics of fodder maize (*Zea mays* L.) *The Pharma Innovation Journal*, **11**(4): 1732-1735.

Abstract :

- **Chaudhari, S. B.**, Chaudhari, S. N., Patel, D. K. and Vala, J. R. 2023. Effect of saline irrigation water on biochemical parameters of okra (*Abelmoschus esculentus* L.) Varieties. International Conference on Strategies and Challenges in Agricultural and Life Science for Food Security and Sustainable Environment. Page no- 85.
- Talavia, B. P. and **Chaudhari, S. B.** 2019. Effect of saline irrigation water on growth, yield, yield attributes and quality of okra (*Abelmoschus esculentus* L.) Varieties. International Conference on Climate Change and its Impact on Global Food Security and Sustainability of Agriculture. Page no- 48.
- Patel P. M., **Sonali B. Chaudhari**, Chaudhari A. S. and Chaudhari S. N. 2023. Effect of integrated nutrient management on nutrient content and uptake of fenugreek in fenugreek-fodder sorghum cropping sequence. International Conference on Climate Resilience Agriculture for Food Security and Sustainability. Page no- 658.
- Drashti K. Patel, Jhanvi R. Vala, **Sonali B. chaudhari** and vikram shiyal. 2023. Important role of INM on sugarcane. International Conference on Strategies and Challenges in Agricultural and Life Science for Food Security and Sustainable Environment. Page no-112.

Extra Curricular & Co-Curricular Participation Details:

- Participation in 2nd International conference on Advances in Agricultural, Biological and Applied Science for Sustainable Future (ABAS-2018)
- Participation in Two days National Seminar cum Workshop on “Food for Thought: Applied Statistics and its Implication”.
- Participation in Inter collegiate poster making and presentation competition on the theme of “Halt Salinization and Boost Productivity” to mark the celebration of World Soil Day 2021.
- Participation in National Webinar on “Digital Soil Science: Opportunities and Challenges”.
- Participation in International conference on Agricultural Developments Its Challenges and Future Needs held during 9-11 April- 2022 at KVK Madhubani, Bihar.
- Participation in International conference on Blended Learning Ecosystem for Higher Education in Agriculture held during 21-23 March at New Delhi, india.
- Assisted in organization of the national level “Agripreneurship bootcamp cum ideathon ” held at navsari agricultural university, navsari during 05-09 September 2022.
- Secured 1st position in poster presentation during 6th International Conference on “Strategies and Challenges in Agricultural and Life Science for Food Security and

Sustainable Environment (SCALFE-2023)” held at Himachal Pradesh University Summer Hill, Simla, H.P., India during 28-30 April 2023.

Personal Details:

Gender : Female
Birth Date : 12/12/1995
Language Proficiency : Gujarati, Hindi, English
Computer Literacy : CCC
Non-Academic Interests : **Sports, Dancing, Travelling**

References:

(1) Dr. V. J. Zinzala

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(2) Dr. Sonal Tripathi

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