

BIO CHEMISTRY - (DEPARTMENT FACULTY)

Name	Dr. Jitendra J. Dhruv
Qualification	Ph. D.
Specialization	Vegetable Biochemistry
Experience	31 Years
Web of Science ID	ADX-8104-2022
Vidwan ID	655184
ORCID ID	0000-0002-6649-5793
Scopus ID	jjdhruve@aau.in
Google Scholar ID	https://scholar.google.com/citations?user=lr4VPYgAAA&hl=en
E-mail	jitendra_dhruve@yahoo.com hodbiochem@aau.in
Mobile No	9427893471
Address	Research Scientist & Head (I/C), Department of Biochemistry, B. A. College of Agriculture, Anand Agricultural University, Anand-388 110.



Current Affiliation

Research Scientist & Head (I/C), Department of Biochemistry,
B. A. College of Agriculture, Anand Agricultural University, Anand-388 110.

Qualifications

Undergraduate Studies: B. Sc. (Chemistry), Saurashtra University

Postgraduate Studies: M. Sc. (Biochemistry), Gujarat Agriculture University

Ph. D. (Biochemistry), Junagadh Agriculture University, Junagadh

Experience

Teaching, Research & Extension experience for 31 years

Teaching

UG Teaching: College of Horticulture, Anand Agricultural University, Anand.

PG Teaching: B. A. College of Agriculture, Anand Agricultural University, Anand.

Postgraduate students who obtained degree M. Sc.:14 **Ph. D.:**05

Postgraduate students working at present M. Sc.:02 **Ph. D.:**01

Scientific Involvement

Research		
1	Recommendations (Farmers + Scientific + Industrial)	14
2	Varieties evaluated	45
3	Seminars/Conferences attended	16
4	Workshops/Group Meetings attended	08
5	Training/Courses attended	07
6	Membership in Scientific Organizations	03
7	Member of editorial board of National/State level Journals	03
8	Project/Scheme on hand and completed	20
9	Resource person in Training Programme	04
Awards		
1	ISAB Fellow	
2	Best poster Presentation	1
3	Best Oral presentation	2
4	Young Scientist	1
5	Chancellor Gold Medal	1
6	Statement of Gratitude, Ganpat University,	1
7	Reviewer Awards from Various Journals	52
Publications		
1	Total number of research papers	70
2	Papers in International Conference	10
3	Papers in National Seminar/Symposia	45
4	Books Published	16
5	Booklet	01
6	Popular Articles in Gujarati	15
Membership in Scientific bodies/Associations		
1	Secretary in Gujarat Chapter of Indian Society of Agricultural Biochemists	
2	Life Member of Indian Agricultural Biochemists	
3	Life Member of Vigyan Gurjari	
4	Life Member of Gujarat Association of Agricultural Scientists	
5	Member of Agricultural Research Subcommittee of Crop Improvement as Biochemist Since, 2009	

Completed Other Agency Projects	
1	Gujarat Agro Industries Corporation. Ltd.: “To evaluate the public and private sector bred tomato varieties/hybrids cultivated in Gujarat state for fruit yield, disease resistance and quality for processing purpose”
2	Privi Pharma Private Limited, Mumbai : To Study The Bioefficacy Of Silixol on brinjal,
3	Privi Pharma Private Limited, Mumbai : To Study The Bioefficacy Of Silixol on chilli
4	Privi Pharma Private Limited, Mumbai : To Study The Bioefficacy Of Silixol on okra
5	Privi Pharma Private Limited, Mumbai : To Study The Bioefficacy Of Silixol on tomato
6	Privi Pharma Private Limited, Mumbai : To Study The Bioefficacy Of Silixol on (brinjal, chilli, okra, tomato)
7	Privi Pharma Private Limited, Mumbai : To Study The Bioefficacy Of Silixol on (brinjal, chilli, okra, tomato)
8	Privi Pharma Private Limited, Mumbai : To Study The Bioefficacy Of Silixol on (brinjal, chilli, okra, tomato)
9	GSBTM Project: Nutraceutical importance and molecular characterization of okra
Gene sequence submission	
1	Transcriptome sequencing of okra - 54 gene sequences

Book Published: 16

Sr. No.	Title of the Book	Publisher	Publication Year
1	Biochemistry at a glance ISBN : 81-8321-084-8	Agrotech Publishing Academy, Udaipur 313 002	2007
2	Glossary of biochemistry and biotechnology ISBN : 81-8189-201-1	International book Distributing Co., Lucknow	2007
3	DNA- a bridge between biochemistry and biotechnology ISBN : 81-89422-24-3	New India Publishing Agency, New Delhi 110 088	2008
4	Plant secondary metabolites ISBN 9788190851220	New India Publishing Agency, New Delhi 110 088	2009
5	Benzyl adenine: a protective tool for water stress ISBN no. 978-3-8473-2405 -8	Lambert Academic Publishing GmbH &Co., KG, Germany	2011
6	A bridge between quality and yield in tomato ISBN no. 978-3-659-21303-8	Lambert Academic Publishing GmbH &Co., KG, Germany	2012
7	Fenugreek – born for human health ISBN no. 978-3-659-74253-8	Lambert Academic Publishing GmbH &Co., KG, Germany	2015
8	Book in Vernacular Language Shakhaji Masala Pak Talim Sanput	MVRS, AAU, Anand	2015
9	Nutraceutical characterization of okra genotypes	Lambert Academic Publishing GmbH &Co., KG, Germany	2016

	ISBN no. 978-3-659-94839-8		
10	Nutraceuticals and functional foods-the challenges and opportunities	Anand Agricultural University, Anand, Gujarat, India, Indian Society of Agricultural Biochemists (Kanpur)	2016
11	Biochemical Techniques in your hand ISBN: 978-93-90611-27-0	Jaya Publishing House, Delhi	2021
12	Cell Biology: Treatise for ICAR NET, CSIR Life Science MCQs	Elite Publishing House, H-1/60, Sector - 16, Rohini, New Delhi - 110089	2025
13	Shakbhaji	MVRS, AAU, Anand	2016
14	Techniques for Estimation of Nutraceutical Properties from Crops (Training Manual)	ICAR Sponsored short Course Anand Agricultural University, Anand, Gujarat, India.	2018
15	Practical Manual Biochem for PG	Department of Biochemistry, BACA, AAU, Anand	2015
16	Practical Manual Biochem for UG	Department of Biochemistry, BACA, AAU, Anand	2015

Research Paper List

Sr. No.	Title
1	J. J. Dhruve , and M. Parmeswaran (1996). Changes in Composition of the Seed in Bajra During Seed Development. <i>GAU Research Journal.</i> , 22(1): 35-39.
2	D. N. Vakharia, J. J. Dhruve , S. V. Patel and M. Parmeswaran (1999). Influence of Water Deficit Stress on Stem Carbohydrates and its Fractions in Groundnut Varieties. <i>Research & Education in Agril. Biochemistry. Indian Soc. Agril. Biochemists.</i> , India: 61-65.
3	D. N Vakhariya, Kukadiya A. D., Dhruv J. J. , Kandoliya U. K. and M. Parmeshwaran (2004). Variability in Total polyamine in groundnut leaves and Seedlings Of different Genotypes. <i>Current trends of research on groundnut In india</i> , NRCG, pp 252-254.
4	S. V. Patel, Dhruv J. J. , Kandoliya U. K., M. Parmeshwaran and D. N Vakhariya (2004). Effect of Different Fertility Levels on quality Parameters Of Groundnut, Wheat and Sorghum Under Intensive Cropping system. <i>Current trends of research on groundnut In india</i> , NRCG, pp 105-108.
5	J. J. Dhruve and D. N. Vakharia (2007). Amelioration of Polyethylene Glycol Simulated Water Deficit Stress by Benzyladenine in Groundnut. <i>Indian J Agric Biochem.</i> , 20(2): 53-58.
6	J. J. Dhruve and D. N. Vakharia (2008). Groundnut Response to Benzyl Adenine under Water Stress at different Phenophases. <i>Indian J Agric Biochem.</i> , 21(1&2): 21-26.
7	J. J. Dhruve , D. N. Vakharia and Y. M. Shukla (2009). Role of Benzyladenine on Oxidative Enzyme System in Groundnut 98. <i>Indian J Agric Biochem.</i> , 22(2): 98-101.
8	J. J. Dhruve , D. N. Vakharia and N. J. Patel (2010). Effect of Benzyladenine on Groundnut under water stress at various Crop Growth Stages. Role Of Biomolecules In Food Security and Health Improvement and XI Silver Jubilee Convention Of the Indian Society Of Agricultural Biochemists. pp 78.
9	J. J. Dhruve , D. N. Vakharia and U. K. Kandoliya (2010). Role of Benzyladenine in

	Alleviating Water Stress Effect In Groundnut. Role Of Biomolecules In Food Security and Health Improvement and XI Silver Jubilee Convention Of the Indian Society Of Agricultural Biochemists. pp 79.
10	A.V. Kotecha, J. J. dhruve and N. J. Vihol (2011). Effect of foliar application of micronutrients and growth regulators on growth and yield of cabbage (<i>Brassica oleracea</i> L. Var. capitata) cv. GOLDEN ACRE. <i>The Asian Journal Of Horticulture.</i> , 6(2): 381-384.
11	Nilam Bangar, J. J. Patel and J. J. Dhruve (2012). Screening for Varietal Susceptibility of Okra Genotypes/Cultivars to <i>E. vittella</i> and Correlation between Biochemical Constituents and <i>E. vittella</i> Infestation. <i>Indian J Agric Biochem.</i> , 25 (1): 76-79.
12	J. J. Dhruve , A. V. Kotecha and D. N. Vakharia (2012). Enhancement of yield in peanut follows in the imposition of transient water deficit stress and benzyl adenine during different phenophase. <i>Challenges in Biotechnology and Food Technology.</i> pp 59.
13	J. J. Dhruve , Amit Gajera and D. N. Vakharia (2012). Interactive effect of water deficit stress and benzyladenine on peanut seed quality. <i>Challenges in Biotechnology and Food Technology.</i> pp 60.
14	J. J. Dhruve , Poonam, Amit Gajera, Unnati and Y. M. Shukla (2012). Vegetable pigments and human health. <i>Challenges in Biotechnology and Food Technology.</i> pp 68.
15	J. J. Dhruve , Amit Gajera and K. B. Kathiria (2012). Physiological and Biochemical characterization of tomato varieties. <i>Challenges in Biotechnology and Food Technology.</i> pp 64.
16	J. J. Dhruve , Amit Gajera and K. B. Kathiria (2012). Physiological and Biochemical characterization of tomato. <i>Challenges in Biotechnology and Food Technology.</i> pp 22.
17	J. J. Dhruve and D. N. Vakharia (2013). Influence of water stress and benzyl adenine imposed at various growth stages on yield of groundnut. <i>International Journal of Plant and Animal Sciences.</i> , 1(1): 05-10.
18	J. J. Dhruve , Rutika Shah, Swati Gandhi and J. G. Talati (2014). Biochemical and Morphological Traits of Different Cultivars of Brinjal Fruits Growing in Anand (Gujarat). <i>Indian J Agric Biochem.</i> , 27(2): 211-214.
19	Jitendra Dhruv and Poonam Chaudhary (2015). Evaluation of tomato (<i>Lycopersicon esculentum</i> Mill). Genotypes on the basis of physiological and biochemical characteristics. <i>IJTA.</i> , 33(2): 1293-1299.
20	Poonam Chaudhary and Jitendra Dhruv (2015). Studies on pre-harvest treatments on physiological and plant protection characteristics in tomato (<i>Lycopersicon esculentum</i> Mill). <i>IJTA.</i> , 33(2): 1287-1292.
21	Poonam Choudhary and Jitendra Dhruv (2015). Effect of pre-harvest treatments on oxidative enzymes during developmental stages in tomato (<i>Lycopersicon esculentum</i> Mill.). <i>Gujarat Green Farming.</i> , 6(1) : 186-188.
22	Jitendra Dhruv and Poonam Choudhary (2015). Evaluation of tomato (<i>Lycopersicon esculentum</i> Mill.) genotypes on the basis of physiological and biochemical characteristics. <i>IJTA.</i> , 33(2): 1293-1299.
23	P. G. Joshi and J. J. Dhruve (2015). Amelioration of polyethylene Glycol Simulated Water Deficit Stress by Benzyl Adenine in Pearl Millet Seedling. <i>Int. J. Curr. Microbiol. App. Sci.</i> , 4(7): 486-497.
24	P. G. Joshi and J. J. Dhruve (2015). Benzyladenine Mediated Enhancement On Pearl Millet Seedlings Under Polyethylene Glycol (Peg) Induced Water Deficit Stress <i>Biochem. Cell. Arch.</i> , 15(2): 515-524.
25	J. J. Dhruve , Y. M. Shukla, Rutika Shah, Jignesh Patel and J. G. Talati (2015). Contribution Of Okra (<i>Abelmoschus Esculentus</i> L.) Seeds Towards The Nutritional Characterization. <i>World Journal Of Pharmacy And Pharmaceutical Sciences.</i> , 4(7): 1009-1023.

26	Jignesh Patel, J. J. Dhruve and J. G. Talati (2015). Nutraceutical and molecular characterization of different fenugreek (<i>trigonella foenum-graecum</i> l.) genotypes. <i>World journal of pharmacy and pharmaceutical sciences.</i> , 4(06): 1267-1287.
27	Jignesh Patel, J. J. Dhruve and J. G. Talati (2015). Bimolecular Characterization of Different Fenugreek Genotypes (<i>Trigonella foenum-graecum</i> L.). <i>Int. J. Curr. Microbiol. App. Sci.</i> , 4(6): 201-210.
28	Jyotsana N. Chaudhary, Vyomesh S. Patel, Y. M. Shukla and J. J. Dhruve (2016). Assessment of Genetic Diversity in Mustard (<i>Brassica juncea</i> L.) Genotypes using Biochemical and Molecular Markers. <i>Indian J Agric Biochem.</i> , 29(2): 205-213.
29	Hirdayesh Anuragi, Haresh L. Dhaduk, Sushil Kumar, Jitendra J. Dhruve , Mithil J. Parekh Amar A. Sakure (2016). Molecular diversity of Annona species and proximate fruit composition of selected genotypes 23. <i>Biotech.</i> , 6:204.
30	Y. M. Rojasara, Rutika Shah, J. J. Dhruve and I. U. Dhruj (2016). Biochemical Changes in Groundnut Due To Late Leaf Spot [<i>Phaeoisariopsis personata</i> (Berk. & Curt.) von. Arx. <i>Advances in Life Sciences.</i> , 5(14): 5568-5573.
31	Kotecha, J. J. Dhruve , N. J. Patel and N. J. Vihol (2016). Influence of micronutrients and growth regulators on the performance of cabbage quality A.V. <i>Adv. Res. J. Crop Improv.</i> , 7(1): 46-51.
32	A.V. Kotecha, Jignesh Patel and J. J. Dhruve (2016). Influence of Micronutrients and Growth Regulators on Shelf-life of Cabbage. <i>Int. J. Curr. Microbiol. App. Sci.</i> , 5(7): 329-336.
33	J. J. Dhruve , Kinjal Bhutaka, Jalpesh Patel and D. N. Vakharia (2016). Investigation of Benzyl Adenine and Water Deficit Stress on Antioxidant Enzyme Activities in Peanut (<i>Arachis hypogaea</i> L.). <i>Advances in Life Sciences.</i> , 5(12): 5091-5100.
34	J. J. Dhruve , Jalpesh Patel, Saleha Diwan and Y. M. Shukla (2016). Effect of Benzyl Adenine on Osmolytes content in Groundnut Cultivars at three Different Stages under Water Stress Condition. <i>Advances in Life Sciences.</i> , 5(12): 5118-5128.
35	D. B. Patel, R. S. Bhadane, J. J. Dhruv and Y. M. Shukla (2017). Effect of seed hardening chemicals on morpho-physiological attributes in green gram (<i>Vigna radiata</i> L.). <i>International Journal of Chemical Studies.</i> , 5(6): 05-07.
36	Patel A. A., Gohil D. P., Dhruve J. J. and Damor H. I. (2017). Heterosis for fruit yield and its quality characters in brinjal (<i>Solanum melongena</i> L.). <i>Journal of Pharmacognosy and Phytochemistry.</i> , 6(6): 975-978.
37	Jalpesh S. Patel, A. R. Japda, J. J. Dhruve and N. J. Patel (2017). Antioxidant Enzymes in Leaves of Susceptible and Resistant Okra Genotypes against YVMV. <i>Int. J. Curr. Microbiol. App. Sci.</i> , 6(2): 1540-1550.
38	J. S. Patel, J. J. Dhruve , G. N. Motka and A. D. Patel (2017). Influence of Plant Growth Regulators and Boron on Nutritional Quality and Shelf life of Aonla Fruit India. <i>Int. J. Curr. Microbiol. App. Sci.</i> , 6(4): 2533-2540.
39	Vyomesh S. Patel, Y. M. Shukla and J. J. Dhruve (2017). Influence of Root Knot Nematode (<i>Meloidogyne spp.</i>) on Phenolic Acid Profile in Root of Tomato (<i>Solanum lycopersicum</i> L.), Gujarat, India. <i>Int. J. Curr. Microbiol. App. Sci.</i> , 6(10): 840-848.
40	Balwani A. K., Patel J. N., Acharya R. R., Gohil D. P. and Dhruve J. J. (2017). Heterosis for fruit yield and its component traits in brinjal (<i>Solanum melongena</i> L.). <i>Journal of Pharmacognosy and Phytochemistry.</i> , 6(5): 187-190.
41	Kinjal Bhutaka, J. J. Dhruve , D. P. Gohil and J. G. Talati (2018). Influence of variety on morphological and some phytochemical and biochemical characteristics of okra seed. <i>International Journal of Chemical Studies.</i> 6(2): 1913-1919.
42	Jalpesh S. Patel and J. J. Dhruve (2018). Correlation Among Morphological, Biochemical and

	Entomological Attributes in Leaves of Okra Grown under Anand Region. <i>Indian J Agric Biochem.</i> , 31(1): 58-64.
43	Rutika Shah, Kinjal Bhutaka, J. J. Dhruve and Y. M. Shukla (2018). Proximate and antinutrient compositions of indigenous okra (<i>Abelmoschus esculentus</i> L.). <i>International Journal of Chemical Studies.</i> , 6(6): 2100-2106.
44	Patel, J. S., Japda, A. R. & Dhruve, J. J. (2018). Assessment of genetic diversity of okra (<i>abelmoschus esculentus</i> l.) For ymvv using rapd and ssr markers. <i>IJABR.</i> , (2): 217-223.
45	J. J. Dhruv , N. J. Patel and J. G. Talati (2019). Impact of Benzyl Adenine on Metabolic Activities of Wheat under PEG Induced Water Stress. <i>Indian J Agric Biochem.</i> , 32(1): 115-121.
46	J. J. Dhruv , N. J. Patel and Shraddha Parmar (2019). Nutraceutical Importance of Vegetables and Their Use for Human Health: A Review. <i>Indian J Agric Biochem.</i> , 32 (2): 132-142.
47	SB Diwan, Mohammedtarik Saiyad and JJ Dhruve (2019). Effect of foliar application of silicon on growth and development of okra fruit. <i>Journal of Pharmacognosy and Phytochemistry.</i> , 8(2): 1552-1558.
48	Dimpal M. Zala and J. J. Dhruv (2019). Contribution of Pumpkin Seeds Towards the Nutritional Characterization. <i>International Journal Of Tropical Agriculture.</i> , 37(1): 41-51.
49	Akarsh Parihar. M. B. Vaja, J. J. Dhruve , Rukhsar and Sushil Kumar (2020). Identification of useful recombinants from interspecific hybrids of <i>Citrullus lanatus</i> and <i>C. colocynthis</i> Vegetos <i>An International Journal of Plant Research and Biotechnology</i> https://doi.org/10.1007/s42535-020-00131-8
50	Dimpal M. Zala and J. J. Dhruv (2020). Nutraceutical Characterization of Pumpkin Fruit (<i>Cucurbita moschata</i> Duch. ex. Poir). <i>Indian J Agric Biochem.</i> , 33(1): 76-80.
51	Joshi P. G. and Dhruve. J. J. (2021). Mitigation of Abiotic stresses through application of Benzyladenine in crop plants. <i>AgriBiotech e-Newsletter</i> 1(3): 26-29.
52	N. K. Pagi, J. J. Dhruv , M. J. Patel and H. R. Patel (2021). Nutritional Characterization of Guava (<i>Psidium guajava</i> L.) under Middle Gujarat Condition. <i>Indian J Agric Biochem.</i> , 34(1): 96-101.
53	J. J. Dhruv , Jalpa Dobaria and Y. M. Shukla (2022). Plant Secondary Metabolites in Stress: An Overview. <i>Indian J Agric Biochem.</i> , 35(2): 120-132.
54	Ramkailash Mishra, Atul B. Patel, Nikeshe J. Bhagora, Jitendra. J. Dhruv , Fulabhai P. Savaliya (2022). Influence of Feeding Different Maize Varieties on Production Performance and Egg Quality of White Leghorn Birds in India. <i>The Indian Journal of Veterinary Sciences & Biotechnology.</i> , 18(1): 49-53.
55	Sneha D. Patel, Nilesh J. Patel, Amar A. Sakure, Sushil Kumar and J. J. Dhruv (2022). Detection of the potential of seed kernel for food industries through biochemical evaluation of diverse mango cultivars. DOI:10.1007/s10341-022-00759-7
56	Faldu T. A., Trivedi A. P., Dhruv J. J. and Chaudhary K. B. (2023). Study on the impact of foliar application of growth regulators and micronutrients on morpho-physiological and yield parameters of onion (<i>Allium cepa</i> L.) cv. GAWO-2. <i>The Pharma Innovation Journal.</i> , 12(9): 862-867.
57	Venkata Yaswanth Amara, J. J. Dhruv , Akarsh Parihar, Parthavi Patel and Nirali Gamit (2023). Characterization of potato cultivars using EST-SSR and ISSR markers. <i>The Pharma Innovation Journal.</i> , 12(6): 2987-2997.
58	K. B. Chaudhary, S. J. Macwan, J. J. Dhruv , J. J. Ghadiali and Saumya Shruti (2023). Impact of plant growth regulators and chemicals on growth and quality in green gram [<i>Vigna radiata</i> L.] cv. GAM-5. <i>The Pharma Innovation Journal.</i> , 12(3): 1938-1941.
59	S. R. Parmar, J. J. Dhruv and J. D. Dobariya (2023). Effect of seed priming on morphological characters with melatonin and nematicide in tomato (<i>Solanum lycopersicum</i> L.). <i>The Pharma</i>

	<i>Innovation Journal.</i> , 12(12): 2155-2159.
60	A. J. Patel, B. N. Satodiya, K. D. Rathod and J. J. Dhruv (2023). Influence of varieties to foliar application of Zn and Fe for growth, yield and quality of okra. <i>The Pharma Innovation Journal.</i> , 12(12): 1954-1958.
61	Amit Mehta, Jitendra. J. Dhruv and Suresh. M. Bambhaneeya (2023). Morpho-physiological and biochemical attributes as tools to screen tolerance and susceptible rice cultivars for drought stress. <i>Environment Conservation Journal.</i> , 24 (2): 200-207.
62	J. D. Dobaria, J. J. Dhruv , S. R. Parmar, and N. J. Patel (2023). Effect of exogenous silicic acid on germination and seedling establishment in Brinjal. <i>Indian Journal of Agricultural Biochemistry.</i> , 36(2): 177-182.
63	Harshad R. Sodhaparmar, Yogesh M. Shukla, Jitendra J. Dhruv , Nil A. Patel and Tushar J. Bedse (2024). Identification of simple sequence repeats (SSRS) for TLCV resistance in tomato (<i>Solanum lycopersicum</i> L.). <i>International Journal of Advanced Biochemistry Research.</i> , 8(1): 173-184.
64	J. D. Dobaria, J. J. Dhruv , and M. Pandya (2024). Evaluation of biostimulants effect on various parameters and its relation to insect-pest infestation on two genotypes of Brinjal. <i>International Journal of Advanced Biochemistry Research.</i> , 8(6): 373-380.
65	B. P. Chauhan, Y. M. Shukla, Urja B. Solanki and J. J. Dhruv (2024). Biochemical Characterization of Brinjal (<i>Solanum melongena</i> L.) Leaves Infected with Little Leaf Disease. <i>International Journal of Economic Plants.</i> , 11(3): 270-279.
66	Urja B. Solanki, Y. M. Shukla, B. P. Chauhan, J. J. Dhruv and N. J. Patel (2024). Biochemical changes in chilli (<i>Capsicum annuum</i> L.) leaves infected with chilli leaf curl virus (CLCV). <i>International Journal of Advanced Biochemistry Research.</i> , 8(7): 617-626
67	J. C. Chaudhary, S. J. Macwan, J. J. Dhruv , and K. S. Rajadhivya, (2025). Effect of Micronutrients on Morpho-physiological Parameters of Black Gram (<i>Vigna mungo</i> L.) cv. GAU-4 (Shyamal). <i>Asian Journal of Soil Science and Plant Nutrition.</i> , 11(3): 22-33.
68	Antala Priyanka Ashokbhai, N. J. Patel, J. J. Dhruv and K. V. Patel (2025). Improving Nutraceutical Potential of Sweet Basil through Jasmonic Acid-induced Phytochemical Accumulation. <i>Journal of Advances in Biology & Biotechnology.</i> , 28(7): 1036-1048.
69	Venkata Yaswanth Amara and J. J. Dhruv (2025). SDS PAGE Profiling Mediated Characterization of Potato Cultivars. <i>Plant Archives.</i> , 25(2): 73-79.
70	Pallavi Parmar, J. D. Dobaria and J. J. Dhruv (2025). Understanding the role of Humic acids on cereals under saline condition: Review. <i>International Journal of Advanced Biochemistry Research.</i> , 9(11): 33-42.