

LIST OF RESEARCH PAPERS PUBLISHED



1. FACULTY OF AGRICULTURE/ HORTICULTURE

1. Aghara V. G., Patel V. J., Panchal P. S. and Dohat M. P. (2022). Effect of age of seedling and spacing on yield attributes and yield of finger millet. *Journal of Pharmacognosy and Phytochemistry*, 12(1): 32-34
2. Akabari K. M., Patel M. P., Borkhatariya T. H., Sondarava P. M. and Delvadiya J. B. (2022). Interpreting genotype × environment interaction in greengram (*Vigna radiata* L. Wilczek) using Eberhart and Russell Model. *Electronic Journal of Plant Breeding*, 13(4): 1326-1333.
3. Akhila S. R., Kumar S., Sakure A. A., Patel D. A. and Patel M. P. (2022). Integration of morpho-physico-biochemical traits with SSR and SRAP markers for characterization of castor genotypes of Indian origin. *Oil Crop Science*, 7(1): 22-30.
4. Aniyaliya M. D., Thumar R. K., Parmar R. G. and Bhamat A. B. (2022). Feeding potential of *Cheilomenes sexmaculata* (Fab.) on different species of aphid. *The Pharma Innovation Journal*, 11(8): 2214-2216.
5. Aniyaliya M. D., Thumar R. K., Sisodiya D. B. and Trivedi N. P. (2022). Feeding preference of *Cheilomenessexmaculata* (Fab.) on different species of aphid. *The PharmaInnovation Journal*, 11(9): 89-91.
6. Anusha V. V. S. S. and Vinaya Kumar H. M. (2022). Can Harit Dhara -An Anti-Methanogenic Feed Supplement Aid in Climate Change? *Agriculture & Food: E-Newsletter*, 4(11): 12-14.
7. Baldaniya A. M., Patel N. B., Raghunandan B. L. and Pavan J. S. (2022). Influence of weather parameters on the seasonal incidence of mango hopper, *Idioscopus nitidulus* Walker in middle Gujarat. *Biological forum-An International Journal*, 14(3); 1531-1534.
8. Bappana Jagdeshwari and Saini Hemlata (2022). Problems perceived by dairy farmers in adoption of animal husbandry practices. *Journal of Krishi Vigyan Kendra*, 11(SI): 86-88.
9. Bhabhor G. K. and Patel S. R. (2022). A scale to measure the attitude of KVK scientists towards work in rural area. *Gujarat Journal of Extension Education*, 34(1): 124-128.
10. Bhabhor G. K. and Patel S. R. (2022). Interpersonal conflict and its management among KVK scientists. *Gujarat Journal of Extension Education*, 34(2): 150-154.
11. Bhadane R. S., Prajapati K. R., Kalyanrao and Patel D. B. (2022). Seed hardening in relation to seedling quality characters of green gram (*Vigna radiata* L.). *Legume Research-An International Journal*, 45(6): 749-755.
12. Bhatt A. H., Arbat S. S., Raj D., Sitapara H. H. and Shah N. I. (2022). Standardization of ‘Bhagwa’ Pomegranate (*Punica granatum* L) Nectar. *Current Journal of applied science and technology*, 41(27): 1-10.



13. Bhavin Ram and Gaur M. L. (2023). Investigation on Variability, Broader Types & Patterns of Daily & Sub Daily Rains Using Satellite Sub-Daily Rainfall Records based in Western Indian Province, *International Journal of Bioresource and Stress Management*, 14(2): 229-236.
14. Bhavin Ram, Gaur M. L., Patel G. R., Kunapara A. N. and Damor P. A. (2023). Stochastic Disaggregation of Daily Rainfall Using Barlett Lewis Rectangular Pulse Model (BLRPM): A Case study of middle Gujarat. *International Journal of Environment and Climate Change*, 13(4): 37-47.
15. Bhimani M., Patel H., Raghunandan B. L., Mehta P. and Chaudhary P. (2022). Influence of iron oxide nanoparticles on growth and activity of native lignocellulolytic bacteria. *The Pharma Innovation Journal*, 11(10): 509-513.
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19. Bhupenchandra I., Chongtham S. K., Devi E. L., Ramesh R., Anil Kumar Choudhary, Salam M. D., Sahoo M. R., Bhutia T. L., Devi S. H., Amarjeet S. Th. (2022). Role of biostimulants in mitigating the effects of climate change on crop performance. *Frontiers in Plant Science*, 13: 967665; DOI:10.3389/fpls.2022.967665
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25. Chaudhari Gita R., Patel D. A., A. D. Kalola and Sushil Kumar (2023). Use of Graphical and Numerical Approaches for Diallel Analysis of Grain Yield and Its Attributes in Bread Wheat (*Triticum aestivum* L.) under Varying Environmental Conditions. *Agriculture*, 13(1): 171; <https://doi.org/10.3390/agriculture13010171>



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30. Chaudhari P., Dabhi M. R., Parmar R. G. and Parmar D. J. (2022). Life Table of *Chrysoperla zastrowi sillemi* (Esben-Peter son) on Mustard Aphid [*Lipaphis erysimi* (Kaltenbach)]. *Frontiers in Crop Improvement*, 10(SI-I): 303-306.
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37. Chauhan Anjali, Dabhi M. V., Pawar N. B. and Parmar D. J. (2022). Morphological correlation study of wheat varieties against rice weevil. *Frontiers in Crop Improvement*, 10: 225-227 (Special Issue).
38. Chauhan M. L., Pandya M. M., Panchal S. D., Patel S. K., and Vadodariya J. M. (2023). Studies on heterosis and inbreeding depression in sponge gourd (*Luffa cylindrical* Roem L.). *The Pharma Innovation Journal*, 12(2): 1452-1458.
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