



Appendix - 4

List of Research Paper Published



1. FACULTY OF AGRICULTURE

- 1 Afzal K. S. and Patel M. J. (2018). Effect of post-harvest treatments on quality of custard apple CV. Local under ambient temperature. *Journal of Pharmacognosy and Phytochemistry*, 7(1): 557-559.
- 2 Ahir H. K., Suthar B. M., Chaudhari N. J., Patil D. D. and Kulshretha M. (2017). Evaluation and long term study of different methods of reference evapotran spiration for Anand region. *International Journal of Agricultural Sciences*, 9(25): 4315-4318.
- 3 Akabari V. R., Sasidharan N. and Kapadia V. N. (2017). Inbreeding depression heritability and genetic advance for yield and yield components in Indian mustard. *Journal of Pharmacognosy and Phytochemistry*, 6(3): 755-760.
- 4 Akabari V. R., Sasidharan N. and Kapadiya Vipul (2017). Combining ability and gene action study for grain yield and its attributing traits in Indian mustard. *Electronic Journal of Plant Breeding*, 8(1): 226-235.
- 5 Amarjeet Singh, Patel A. D. and Shende P. V. (2017). Effect of planting materials and plant growth bio-regulants on yield and quality of turmeric (*Curcuma longa* L.). *The Ecoscan*, 12(1): 647-651.
- 6 Amin A. M., Patel N. R., Jaiman R. K., Prajapati D. B. and Prajapati B. G. (2017). Management of Bacterial blight in Clusterbean. *Journal of Environment and Ecology*, 35(2C): 1223-1227.
- 7 Amin A. M., Patel N. R., Jaiman R. K., Prajapati D. B. and Prajapati B. G. (2017). Effect of Date of sowing on the Development of Bacterial blight of Clusterbean. *Journal of Environment and Ecology*, 35(2A): 967-970.
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- 10 Arvind T. and Brahmabhatt A. B. (2017) Evaluation of okra (*Abelmoschus esculantus* L.) genotypes against root and collar rot incited by *Macrophomina phaseolina* (Tassi) Goid. *Trends in Biosciences*, 10(27): 5773-5775.
- 11 Arvind T. and Brahmabhatt A. B. (2017). Studies on interaction between the root and collar rot pathogen of okra [*Macrophomina phaseolina* (Tassi) Goid] and root knot nematode (*Meloidogyne incognita*) in pots. *Trends in Biosciences*, 10(31): 6530-6531.
- 12 Baladhiya C. S. and Jayesh Doshi (2017). Performance evaluation and optimization of steam generating systems. *International Journal of Agricultural Engineering*, 10(1): 222-27.
- 13 Balwani A. K., Patel J. N., Patel A. A., Parmar D. J. (2017). Study of Combining Ability and Gene Action for Yield and Yield Component Characters of Brinjal (*Solanum melongena* L.). *Trends in Biosciences*, 10(29): 6161-6166.



- 14 Bamanija J. R., Patel K. M., Kotecha A. V. and Christian H. J. (2017). Effect of gibberellic acid and Naphthalene Acetic Acid on seedling growth of khirmi (*Manilkara hexandra* Roxb.) cv. Local. ***Trends in Biosciences***, 10(30):6344-6346.
- 15 Barkha Bhanvadia A. S. and Dholiya S. N. (2017). Effect of Irrigation scheduling with Drip Irrigation and nitrogen levels on Growth and Yield of Wheat (*Triticum aestivum* L.), ***Journal of Pharmacognasy and phytochemistry***, 6(5): 311-313.
- 16 Barkha Bhanvadia A. S. and Dholiya S. N. (2017). Yield, water use efficiency and economics of wheat (*Triticum aestivum* L.) as influenced by drip irrigation scheduling and nitrogen levels, ***Journal of Pharmacognasy and phytochemistry***, 6(5): 314-316
- 17 Barkha Bhanvadia A. S. and Dholiya S. N. (2017). Yield, water use efficiency and economics of wheat (*Triticum aestivum* L.) as influenced by different lateral spacing with drip irrigation and nitrogen levels. ***Journal of Pharmacognasy and phytochemistry*** 6(5): 666-668
- 18 Barot H. R., Sitapara H. H., Raval P. M., Joshi S. M. and Raval V. H. (2017). Effect of post harvest treatments on physical and physiological parameters of papaya (*Carica Papaya* L.) cv. Madhubindu. ***Multilogic in Science***, 7(23): 8-11.
- 19 Baviskar V. S., Patel J. B., Takale S. R., Shitap M. S., Patel V. J. and Sankar G. R. M. (2017). Efficient irrigation management for enhancing productivity and profitability of wheat under semi-arid inceptisols in Gujarat. ***Indian Journal of Soil Conservation***, 45(2): 183-191.
- 20 Bhabhor G. K., Patel U. M. and Patel S. K. (2017). Constraints perceived by tribal wheat growers in scientific wheat production technology, ***Gujarat Journal of Extension Education***, 28(2):318-320.
- 21 Bhabhor G. K., Patel U.M. and Makwana N. D. (2017). Factors affecting the technological gap of tribal wheat growers, ***Gujarat Journal of Extension Education***, 28(1): 90-92.
- 22 Bhalodiya V. B., Sutar R. F. and Doshi Jayesh (2017). Physical properties of Aonla fruit relevant to the design of processing equipments. ***Beverage & Food World***, 44(5): 31-33.
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- 25 Bhanvadia A. S., Vekariya K. J. and Patel R. A. (2017). Relay Cropping of Castor in Legume Crops. ***International Journal of Current Microbiology***, 6(7): 2729-2732
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- 28 Bhise Sureshand Kaur A. (2017). Synergistic effect of polyols and fibres on baking, sensory and textural quality of bread with improved shelf life. ***International Journal of Current Microbiology and Applied Sciences***, 6(11):1-12.
- 29 Bhoi Gaurang, Thorat, G. N., Kalpesh Kumar and Maheta Hiten (2017). Impacts of frontline demonstration's on knowledge and adoption of castor growers. ***Multilogic in science***, 7(23): 175-176.



- 30 Chauahan N. R. and Patel M. G. (2018). Effect of biocides on oviposition, antifeedant and host preference of tree species for teak skeletonizer, *Eutectona machaeralis* Walker infesting on teak. ***Trend in Biosciences***, 11(03): 323-328.
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- 35 Chaudhari D. J., Acharya R. R., Gohil S. B. and Patel N. A. (2017). Genetic divergence study in pumpkin (*Cucurbita moschata* Duch. Ex. Poir). ***Journal of Pharmacognosy and Phytochemistry***, 6(4): 744-747.
- 36 Chaudhari Geeta R., Patel Sunil. G. and Kacha D. J. (2017). Popularization of improved variety of rice Mahisagar through frontline demonstrations in Gujarat. ***Gujarat Journal of Extension Education***, 28(1):109-111.
- 37 Chaudhari Gita R., Chaudhary J. H. and Gupta Shivangini A. (2017). Heterosis for Seed yield and its Contributing Attributes in Castor, ***International Journal of Current Microbiology and Applied Sciences***, 6(4): 2088-2092.
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- 43 Chaudhari P. R., Patel R. K. and Sisodiya D. B. (2017). Effect of Different Level of Nitrogen and Phosphorous on yield of castor under Supplementary Irrigation in Bhal Region, ***Trends in Biosciences***, 10(24): 5090-5095.
- 44 Chaudhari V. K., Desai H. R. and Patel N. M. (2018). Determination of Economic Threshold Level of Cotton Leafhopper (*Amarasca biguttula biguttula* Ishida) on Cotton under South Gujarat Condition. ***Trends in Biosciences***, 11(1): 52- 57.

- 45 Chaudhary A. P., Parmar D. J., Muniya S. D. and Darji V. B. (2017). Construction of selection index using simple correlation coefficients and path coefficients (direct effects) as a weight in rice (*Oryza sativa* L.). *International Journal of Current Research*, 99(07): 53864-53869.
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