

### Award won by the faculties of department (Since 2004) :

- 1 Kalyani S. Kulkarni and Sarng Sapre, P.G. student's of Biochemistry department have bagged **1st and 2nd position** respectively in **Oral presentation** in the "National Symposium on Perspective in the Plant Health Management organized by Dept. of Plant Pathology, BACA, AAU, Anand and Indian Phytopathological Society, New Delhi on Dec. 14-16, 2010 at AAU, Anand".
- 2 **Dr. Diwakar Patel Gold Medal** awarded for Best Post-Graduation Research work for M.Sc. student in the field of Plant Biotechnology was awarded to Vishal Patil, M.Sc. student in the year 2010-11.
- 3 Diwakar Singh, Reetu Mehta and J.G. Talati Dept. of Biochemistry, BACA, AAU received **Dr. Harbhajan Singh Gold Medal** for best research paper entitled "Identification of chilli (*Capsicum annum* L.) genotype through RAPD" published in Vegetable Science, 35(1) : 10-13 (2008) on April 4th, 2011.
- 4 Arpan Modi was awarded **Second Position** in Research Poster in UGC Sponsored One Day National Seminar on Biochemistry : Recent Advances in Molecular Research organized by Dept. of Biochemistry, Saurashtra University, Rajkot on 20th February, 2011 at Rajkot.
- 5 Department of Biochemistry/Botany, B.A.C.A. : Three partial gene sequences of bread wheat fraction of high molecular weight glutenin sub-unit Dx5 (HMW-GS) has been published online in National Center for Biotechnology Information (NCBI) Gene Bank, USA with accession numbers (1) JN 034036.1 (2) JN 034037.1 and (3) JF 303652.1. This is useful for elasticity of wheat dough quality. Authors : Patil, V.R., **Talati, J.G.**, Jadeja, G.C. and Parekh, V.B.
- 6 Transcriptome sequencing of pearl millet (genotypes, J2290- resistant 7042S-susceptible to downy mildew), for identification of genes imparting resistance against downy mildew has been done. The transcriptome sequencing has revealed differential expression of pathogenesis related proteins, various transcription factors, disease resistance genes, enzymes involved in plant defence pathways and secondary metabolic pathways among the resistant and the susceptible genotypes. These gene sequences have been deposited at the Gene Bank, National Centre for Biotechnology Information (NCBI) under the BioProject ID PRJNA82923 (GenBank JT845713-JT846175), BioProject ID PRJNA82919 (GenBank JT845351-JT845712), BioProject ID PRJNA8292 (GenBank JT845031-JT845350), BioProject ID PRJNA80967 (GenBank JT844186-JT844343) for use by the scientific community internationally. Authors : Miss Kalyani S. Kulkarni; Tejas Bosamia and **Y.M. Shukla**.
- 7 **Dhruve, J.J.**, Acharya R.R., Gupta Pooja, Patel Jalpesh and Vakharia, D.N. (2011). Influence of seed treatment of benzyladenine on some osmolytes groundnut (*Arachis hypogaea* L.) under water stress condition. **3rd position in Oral presentation** in "National symposium on Status, Challenges & Opportunities in Life-Sciences" at Department of Microbiology and Department of Integrated Biotechnology (Environmental) during 10th September, 2011 and secured **third prize in Oral presentation**.
- 8 **Dr. Diwakar Patel Gold Medal** awarded for Best Post-Graduation Research work for M.Sc. student in the field of Plant Biotechnology was awarded to Ku. Kalyani S. Kulkarni, M.Sc. student (Biotechnology) in the year 2011-12.
- 9 **Dr. Diwakar Patel Gold Medal** awarded for Best Post-Graduation Research work for M.Sc. student in the field of Plant Biotechnology was awarded to Ku. Poonam D. Kanani, M.Sc. student (Biotechnology) in the year 2012-13.
- 10 **Reviewer Excellence award** was awarded to Dr. J J Dhruve for reviewing research articles received from Indian J. of Agril. Research and Legume Research (**An International Journal**), 16<sup>th</sup> Nov., 2016.

- 11 Transcriptome sequencing of okra (GAO 5 and Pusa Savani resistant and susceptible to YVMV), for identification of genes imparting resistance against YVMV has been done and 54 gene sequences have been deposited at the Gene Bank, National Centre for Biotechnology Information (NCBI), for use by the scientific community internationally. Authors : **Dr. J. J. Dhruve**, Rutika Shah, Jalpesh Patel, Tejas Shah, Dr. Chaitanya Joshi and Dr. K. B. Kathiria., 2017.
- 11 **Reviewer Excellence award** was awarded to Dr. J J Dhruve for reviewing research articles A review of **ACTA SCIENTIFIC** ; Acta Scientific is an Internationally peer-reviewed publishing group, 2019.
12. **Reviewer Excellence award** was awarded to Dr. J J Dhruve for reviewing research articles For Journal of Complementary and Alternative Medical Research, 2020.
13. **Reviewer Excellence award** was awarded to Dr. J J Dhruve for reviewing research articles For Asian J of Applied Chemistry Research, 2020.
14. **Reviewer Excellence award** was awarded to Dr. J J Dhruve for reviewing research articles For European J of Nutrition and Food Safety, 2020.
15. **Reviewer Excellence award** was awarded to Dr. J J Dhruve for reviewing research articles For Asian J of Research in Botany, 2021.
16. **Reviewer Excellence award** was awarded to Dr. J J Dhruve for reviewing research articles For Asian Food Science Journal, 2020.
17. Dr. J. P. Tivedi Award (2017) sponsored by Hari-Om-Ashram Nadiad Awarded to Dr. N. J. Patel as co-worker with Dr. A. D. Patel.
18. **Chancellor Medal** awarded to Mr. Dhruvin Vadee.