



**ACHIVEMENTS**  
Department of Plant Physiology  
N. M. College of Agriculture  
Navsari Agricultural University, Navsari (Gujarat)



### A. Awards

Sr. No.	Name of award	Year
1	Dr. A. V. Narwade was awarded Best Poster presentation award at ISPP West Zonal Seminar on “Emerging trends in Plant Physiology for Crop Production under climate change scenario” on 04-08-2018 at MPKV, Rahuri.	2018
2	Dr. Ajay V. Narwade was awarded second prize in oral presentation for the paper entitled “Effect of water stress on sugarcane quality parameters during different crop growth stages” in the National Seminar on “Biochemical and Molecular Biology Intervention for Nutritional security and Food safety” during December 12-13, 2019 organised by Department of Soil Science & Agricultural Chemistry, NMCA, NAU, Navsari.	2019
3	Mr. Hiren Patel, PG student awarded third prize in oral presentation for the paper entitled “Effect of organic nitrogen on root architecture of rice seedlings” in the National Seminar on “Biochemical and Molecular Biology Intervention for Nutritional security and Food safety” during December 12-13, 2019 organised by Department of Soil Science & Agricultural Chemistry, NMCA, NAU, Navsari.	2019
4	Mr. S Sree Ganesh, PG students received Ph D gold medal.	2019
5	Mr. Vipul G Baldaniya, PG students received SHODH – ScHeme of Developing High Quality Research Scholarship, Education Department, Gujarat.	2019

### B. Seminar/training organized:

- 1) One day ISPP West Zonal Seminar on “**Enhancement of Crop Productivity through physiological interventions**” on May 11, 2015 in collaboration with Indian Society for Plant Physiology (ISPP), New Delhi.
- 2) One day ISPP West Zonal Seminar on “**Emerging Trends in Plant Physiology for Crop Production Under Climate Change Scenario**” on August 4, 2018 in collaboration with Indian Society for Plant Physiology (ISPP), New Delhi and MPKV, Rahuri (Maharashtra).

### C. Post graduate/Ph.D. thesis

Sr. No.	Year	No. of M.Sc. (Agri.)	No. of Ph.D.	Total
1	2005	1	0	1
2	2006	0	0	0
3	2007	0	0	0
4	2008	0	1	1
5	2009	1	0	1
6	2010	0	0	0
7	2011	1	0	1
8	2012	3	1	4
9	2013	0	1	1
10	2014	0	3	3
11	2015	1	0	1
12	2016	3	0	3
13	2017	1	1	2
14	2018	2	0	2
15	2019	1	1	2
16	2020	1	0	1
17	2021	1	0	1

### D. Research recommendations (2016-17 to 2020-21)

Sr.	Title and Recommendation	Approval Year
1.	<b>Optimization of micropropagation protocol for different genotypes of banana.</b>  It is informed to the scientific community that out of ten diverse banana genotype; Cheankadali, Lalkel and Rajapuri genotypes had better growth response to micropropagation protocol comprised of shoot tip explants surface sterilization treatment [Carbendazim (0.125%) + Chloramphenicol (500 mg/l) for 45 minutes + 1.0 % HgCl <sub>2</sub> solution for 10 minutes] followed by shoot multiplication [MS + BA (3.0 mg/l) + adenine sulphate (2.0 mg/l)] and root induction [ $\frac{1}{2}$ MS + 1.0 mg/l IBA] treatment.	2020-21

### E. Publications

Sr. No.	Publications	Total
1	Practical manuals	3
2	Research papers	30
3	Books/Chapters/booklets	4
4	Popular articles/ Bulletins/Leaflets /Folders	1

