ACHIVEMENTS

Department of Agricultural Microbiology
N. M. College of Agriculture
Navsari Agricultural University, Navsari (Gujarat)

A. Student awards:

Sr. No.	Student name	Recognition	Year	Int./National/State/Uni level
1	Ms. Hiral Bhanderi	Best thesis award by Agro Environmental Development Society, UP	2020	National
2	Mr. Alpesh Vekariya	Second position in Online Essay Competition by AGRIVISION	2020	National
3	Ms. Hiral Bhanderi	Best poster presentation award (1st rank)	2020	National
4	Mr. Purvesh Mendapara	Best poster presentation award (3rd rank)	2020	National
5	Mr. Purvesh Mendapara	Best thesis award by Agro Environmental Development Society, UP	2021	National
6	Mr. Prakash Kandoriya	Best student award by "Microbiologists Society"	2024	National

B. Staff awards:

Sr. No.	Faculty Name	Recognition	Year	Int./National/ State/Uni level
1	Dr. M. D. Khunt	Best thesis award by Plant Protection Association of Gujarat, Gujarat	2017	State
2	Dr. M. D. Khunt	Best thesis award by Gujarat Association for Agricultural Sciences, Gujarat	2020	State
3	Dr. M. D. Khunt	Young Scientist Award by Agro Environmental Development Society, UP	2020	National
4	Dr. M. D. Khunt	Best oral presentation award (2nd rank)	2020	National
5	Dr. M. D. Khunt	Best oral presentation award (1st rank)	2022	Zonal
5	Dr. M. D. Khunt	Best oral presentation award (1st rank)	2023	Zonal

C. Post graduate/Ph.D. thesis

Sr. No.	Year	No. of M.Sc. (Agri.)	No. of Ph.D.	Total
1	2014	01	00	01
2	2016	00	02	02
3	2017	01	00	01
4	2018	04	00	04
5	2019	01	00	01
6	2020	01	00	01
7	2021	04	01	05
8	2022	04	00	04
9	2023	04	00	04
10	2024	04	00	04

D. Research recommendations (2018 to 2021)

Sr.	Title and Recommendation	Approval Year
1	Title :**Diazotropic bacterial population and other associated microbes on the phyllosphere of sugarcane** Sugarcane phyllospheric isolates *Bacillus amyloliquefaciens* S2.4 and *Enterobacter cloacae* S 4.1 possesses multiple plant growth promoting characters *viz*., ACC deaminase, siderophore production, nutrient solubilization, antagonistic potential, extra cellular hydrolytic enzyme secretion and plant growth hormone production under *in vitro* conditions.	2022
2	Title : **Effect of phosphate solubilizing microbes in wheat (*Triticum aestivum*) under saline conditions** Scientific Information It is informed to scientific community to use native isolates *Bacillus subtilis* PSB-S (1×10^8cfu/ml) + *Cladosporium herbarum*PSF-S (1×10^7cfu/ml) along with 100% recommended dose of chemical phosphatic fertilizers in wheat for maximum phosphate solubilization in the soil with EC up to 3.79 (dS/m).	2020

3	Title : **Isolation and characterization of plant growth promoting Actinomycetes from rhizospheric soil** Scientific Information It is informed to the scientific community that *Streptomyces enissocaesilis* IB 7.2 found most potent for multiple plant growth promotion characters like nutrient solubilization, antagonistic potential, extracellular hydrolytic enzyme secretion and plant growth hormone production under *in vitro* conditions.	**2020**
4	Title : **Isolation of important microorganisms in biodegrading crop residues** Scientific Information: It is recommended to use *Bacillus alkalophilus* RR isolate for cellulose decomposition in rice straws as it possess highest cellulose decomposition activity and considerably lowers C:N ratio.	**2018**

E. Publications

Sr. No.	Publications	Total
1	Practical manuals	05
2	Research papers	33
3	Books/booklets/Book chapters	06
4	Folders	11