

#### 4.10.4 PG Research

Horticulture section is running a PG programme of M. Sc. (horticulture) in the discipline of Vegetable Science since academic year 2012-13 with an intake of 04 which was further increased to 06 (5 SAU + 01 ICAR) from the academic year 2016-17. Currently from the academic year 2022-23 the PG programme is run as per BSMA syllabus developed by ICAR, New Delhi. The glimpses of PG reserach conducted since 2012-13 is as follows:

Sr. No.	Name of student	Title of Thesis	Year	Name of the research guide
1	Vidhate Sandeep Bhaginath (12/327)	Integrated nutrient management in brinjal ( <i>S. melongena</i> L.) Hy. Phule Arjun	2014	Prof. D. R. Patgaonkar
2	Mehetre Yogesh Dattatraya (12/328)	Studies on effect of different mulches on growth and yield of chilli ( <i>C. annuum</i> L.)	2014	Dr. K. K. Mangave
3	Ms. Ghadge Ashwini Ganpati (12/329)	Effect of different spacing and picking on seed yield and seed quality of okra ( <i>A. esculentus</i> (L) Moench) Cv. Phule Utkarsha	2014	Dr. U. S. Shinde
4	Jondhale Rajratna Digambar (12/330)	Standardization of processing technology for dehydration of ginger	2014	Dr. J. H. Kadam
5	Bichkule Chandan Vasant (13/324)	Effect of different shading intensities and mulching on growth and yield of cauliflower	2015	Dr. S. V. Sawant
6	Mahajan Ritesh Dhananjay (13/325)	Studies on effect of different shade net intensities on growth and yield of coriander ( <i>C. sativum</i> L.) cultivars	2016	Prof. D. R. Patgaonkar
7	Patil Mayur Ravindra (13/326)	Variability study in sweet potato ( <i>I. batatas</i> l.) cultivars under Kolhapur condition	2015	Dr. U. S. Shinde
8	Argade Mahendra Bhagwat (14/338)	Performance of cherry tomato genotypes under shade house with different shading intensities	2016	Dr. J. H. Kadam
9	Ms. Indore Harshada Dyaneshwar (14/339)	Effect of packaging materials and storage conditions on the shelf life and quality of okra	2016	Dr. V. K. Garande
10	Ms. Manpreet Kaur (14/340)	Effectiveness of postharvest treatments and modified atmosphere packaging on fresh cut lettuce	2016	Dr. S. S. Dhumal
11	Ms. Patil Supriya Suresh (14/341)	Evaluation of lettuce cultivars and their forms for postharvest behavior during storage	2016	Prof. D. R. Patgaonkar
12	Ms. Padekar Vaishali Jagannath (15/337)	Plant propagation techniques in kartoli ( <i>M. dioica</i> Robx.)	2017	Dr. V. K. Garande
13	Ms. Kale Pallavi Machindra (15/338)	Postharvest studies in fresh-cut muskmelon	2017	Dr. S. S. Dhumal
14	Ms. Palghadmal Ujjwala Bhaskar (15/339)	Performance of bottle gourd selections under sub Montane zone of Maharashtra	2017	Dr. V. K. Garande
15	Ms. Hollikatti Nikita Shivakumar (16/310)	Investigations on the minimal processing of red onion	2018	Dr. S. S. Dhumal
16	Otari Bhagyavan Vilas (16/313)	Genetic studies in dill	2018	Dr. S. S. Dhumal
17	Ms. Raut Prajakta Dnyaneshwar (16/314)	Studies on storage of primary processed leafy vegetables	2018	Dr. V. K. Garande

18	Sagbhor Dattatraya Antu (16/315)	Genetic studies in fenugreek	2018	Dr. S. P. Gaikwad
19	Jadhav Akash Shivaji (17/330)	Effect of different training systems on growth and yield of cucumber under naturally ventilated polyhouse condition	2019	Dr. R. D. Pawar
20	Chaudhari Kshitij Sanjay (17/331)	Performance of broccoli under different shading intensities and Mulching	2019	Dr. S. V. Sawant
21	Ms. Tulaskar Mamata Shiva (17/332)	Evaluation of celery under polyhouse conditions	2019	Dr. S. N. Ambad
22	Veerendra Naik B. (17/333)	Optimization of micropropagation techniques in spine gourd by using Response Surface Methodology	2019	Dr. S. S. Dhumal
23	Ms. Whankate Ramakka Adaveppa (17/335)	Evaluation of french bean ( <i>Phaseolus vulgaris</i> L.) germplasm under <i>Sub-montane</i> zone of Maharashtra	2019	Dr. V. K. Garande
24	Ms. Rane Pramila Prabhakar (18/307)	Performance of knolkol under greenhouse and open field condition	2020	Dr. S. N. Ambad
25	Ms. Kumbhar Komal Arun (18/308)	Effect of organic media different varieties of lettuce under greenhouse condition	2021	Dr. S. S. Dhumal
26	Ms. Kadam Bhagyashree Rajendra (18/309)	Genetic variability studies in pea	2020	Prof. D. R. Patgoankar
27	Ms. Jadhav Amruta Shamrao (18/310)	Evaluation of garlic germplasm under <i>Sub-montane</i> zone of Maharashtra	2020	Dr. V. K. Garande
28	Ms. Survase Sanmati Somnath (18/311)	Studies on extension of shelf life of minimally processed red pumpkin	2020	Dr. V. K. Garande
29	Ms. Sinhasane Shalaka Rmaling (18/312)	Genetic variability in dill	2020	Dr. U.S. Shinde
30	Ms. Gaikwad Nishigandha Dhanajayrao (19/312)	Effect of different mulches on production of lettuce in polyhouse and open condition	2021	Dr. S.S. Dhumal
31	Ms. Kharat Pratiksha Nivrutti (19/313)	Genetic variability studies for foliage and seed yield in coriander	2021	Dr. B. B. Patil
32	Ms. Masal Sonali Madhukar (19/314)	Studies on genetic variability, heritability and genetic advance in cluster bean	2021	Dr. U.S. Shinde
33	Raut Satish Laxman (19/315)	Effect of growing conditions on growth and yield of green Cabbage and red cabbage under <i>Sub-montane</i> zone	2021	Dr. A. B. Kamble
34	Ms. Shinde Priyanka Babasaheb (19/316)	Genetic studies in Indian fenugreek	2021	Dr. S. S. Dhumal

35	Shreerama T. (19/317)	Performance of Chinese cabbage hybrids under various growing conditions	2021	Dr. M. D. Mali
36	Belanke Omkar Raju (20/315)	Standardization of production Technology for Swiss chard under DWC technique of aquaponics	2022	Dr. R. D. Pawar
37	Dalave Vivek Ghanashayam (20/316)	Standardization of production technology for dill under DWC technique of aquaponics	2022	Dr. D. S. Kadam
38	Ms. Dhikele Pooja Sanjay (20/317)	Performance of lettuce cultivars in DWC technique of aquaponics using different media	2022	Prof. S. A. Sarvade
39	Ms. Kumbhar Shital Machindra (20/318)	Varibility studies in winged bean	2022	Dr. U. S. Shinde
40	Ms. Divya Manoj (2021/315)	Hydroponics studies in lettuce	In progress	Dr. S. S. Dhumal
41	Ms. Kumbhar Parimal Suresh (2021/316)	Grafting studies in tomato under protected cultivation	In progress	Dr. R. D. Pawar
42	Ms. More Dhanshree Nivrutti (2021/317)	Genetic divergence in cluster bean	In progress	Prof. S. A. Sarvade
43	Ms. Pawar Shweta Sanjay (2021/318)	Grafting studies in cherry tomato	In progress	Dr. S. S. Dhumal
44	Ms. Sahare Deepak Gajanan (2021/319)	Standardization of spacing and nutrient management in zucchini ( <i>Cucurbita pepo</i> ) under <i>Sub-Montane</i> conditions	In progress	Dr. U. S. Shinde