



# Dr. A. H. Barad

## Assistant Professor & Head



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<http://www.aau.in/college-menu/department/faculty/15887>

<https://scholar.google.co.in/citations?user=C4L7BaQAAAAJ&hl=en>

### Education

| Degree | Subject                 | University                                       | Year | Dissertation Title  |
|--------|-------------------------|--|------|---|
| Ph.D.  | Agricultural Entomology | Junagadh Agricultural University, Gujarat, India | 2010 | Bio-efficacy of <i>Nomurea rileyi</i> (Farlow) Samson against <i>Helicoverpa armigera</i> (Hubner) infesting pigeon pea   |
| M.Sc.  | Agricultural Entomology | Junagadh Agricultural University, Gujarat, India | 2006 | Population dynamics, varietal susceptibility and chemical control of castor white fly, <i>Trialeurodes ricini</i> (Misra) |
| B.Sc.  | Agriculture             | Gujarat Agricultural University, Gujarat, India  | 2003 | -   |

### Experience

| Post Held                 | Place  | Duration                |
|---------------------------|--|-------------------------|
| Rural Development Officer | Union Bank of India, Rajkot Division, Gujarat                          | July - 2010 to Nov-2012 |
| Assistant Professor       | College of Horticulture, Anand Agricultural University, Anand, Gujarat | Feb. 2013 – till date   |

### Honors & Awards:

| Sr. No. | Awards/Medals/ Recognition | Organizing Institution/ University/ Agency | Year |
|---------|----------------------------|--|------|
| 1.      | Best Ph.D. thesis award    | GAAS, Gujarat                              | 2011 |

### Membership in Scientific bodies/Associations:

- ❖ Life Member Plant protection association of Gujarat
- ❖ Life Member of GAAS, Anand
- ❖ Life Member Bagayat vikas parishad
- ❖ Life Member of Association for advancement of pest management in horticultural eco -systems (AAPMHE)
- ❖ Life Member Vigyan Gurjari

## Research Schemes/Projects:

| Sr. No. | Name of Project   | PI/Co-PI | Status    | Year (if completed) | Funding Agency  |
|---------|---|----------|-----------|---------------------|---|
| 1.      | Bio-efficacy of different insecticides against mealy bug infesting custard apple                                      | PI       | Completed | 2016                | Departmental project under 9 <sup>th</sup> AGRESCO Sub-committee of Plant Protection Group  |
| 2.      | Bio efficacy on insecticidal molecules against cucumber leaf miner. <i>Liriomyza trifolii</i> (Burgess)               | Co-PI    | Completed | 2016                | Departmental project under 10 <sup>th</sup> AGRESCO Sub-committee of Plant Protection Group |
| 3.      | Survey and status of important diseases, pests and nematodes of selected vegetables grown under protected cultivation | PI       | Completed | 2015                | Departmental project under 10 <sup>th</sup> AGRESCO Sub-committee of Plant Protection Group |
| 4.      | Bio efficacy of different insecticides against stem borer infesting durum wheat.                                      | Co-PI    | Completed | 2017                | Departmental project under 11 <sup>th</sup> AGRESCO Sub-committee of Plant Protection Group |
| 5.      | Management of citrus gummosis ( <i>Phytophthora citrophthora</i> )  | Co-PI    | Completed | 2018                | Departmental project under 12 <sup>th</sup> AGRESCO Sub-committee of Plant Protection Group |
| 6.      | Bio-efficacy of agrochemical against bacterial canker ( <i>Xanthomonas axonopodis</i> pv. <i>citri</i> ) in citrus    | Co-PI    | Completed | 2020                | Departmental project under 13 <sup>th</sup> AGRESCO Sub-committee of Plant Protection Group |
| 7.      | Effect of different plant spacing on growth and yield of capsicum under open ventilated poly house                    | Co-PI    | Completed | 2019                | Departmental project under 12 <sup>th</sup> AGRESCO Sub-committee on CPSC group             |
| 8.      | Evaluation of insecticides against aphid infesting chrysanthemum  | PI       | On going  | -                   | Departmental project under 14 <sup>th</sup> AGRESCO Sub-committee of Plant Protection Group |
| 9.      | Management of aphid in coriander through  | PI       | On going  | -                   | Departmental project under 15 <sup>th</sup> AGRESCO Sub-                                    |

|     |   |       |           |      |   |
|-----|---|-------|-----------|------|---|
|     | insecticidal seed treatments and bio-pesticides   |       |           |      | committee of Plant Protection Group   |
| 10. | Bio-efficacy of botanicals against Powdery mildew of fenugreek  | Co-PI | On going  | -    | Departmental project under 14 <sup>th</sup> AGRESCO Sub-committee of Plant Protection Group |
| 11. | Survey and identification of causal organism of Mango malformation  | PI    | completed | 2020 | Departmental project under 15 <sup>th</sup> AGRESCO Sub-committee of Plant Protection Group |
| 12. | Evaluation of different guava genotypes (Red flesh)   | Co-PI | Completed | 2020 | Departmental project under 9 <sup>th</sup> AGRESCO Sub-committee of Crop improvement Group  |
| 13. | High density plantation and pruning in guava cv. Allahabad Safeda   | Co-PI | On going  | -    | Departmental project under 14 <sup>th</sup> AGRESCO Sub-committee on CPSC group             |
| 14. | Assessment of crop management modules in okra + cowpea - cabbage + fenugreek intercropping system                 | Co-PI | On going  | -    | Departmental project under 16 <sup>th</sup> AGRESCO Sub-committee on CPSC group             |
| 15. | Bio-efficacy of organic inputs against aphid infesting broccoli ( <i>Brassicaoleracea</i> var. <i>italica</i> L.) | PI    | On going  | -    | Departmental project under 16 <sup>th</sup> AGRESCO Sub-committee on Plant Protection Group |
| 16. | Evaluation of organic inputs against major diseases of turmeric   | Co-PI | On going  | -    | Departmental project under 16 <sup>th</sup> AGRESCO Sub-committee on Plant Protection Group |

**Research projects Number of Research recommendations: 7**

**Extension activities:**

| <b>Sr.no</b> | <b>Particulars</b>                         | <b>Number(S)</b> |
|--------------|--|------------------|
| 1            | Lecture delivered to farmer community      | 25               |
| 2            | Lecture delivered to dealers/ trainer etc. | 15               |
| 3            | Participated farmer's day/agricultural day | 5                |
| 4            | Participated in Krushi mohatsav,camp,etc   | 6                |

### Research Publications:

| Sr. No. | Particulars                             |               | No. of Publications | Above 5<br>NAAS Rating | Below 5<br>NAAS Rating |
|---------|---|---------------|---------------------|------------------------|------------------------|
| 1       | Research Paper                          | National      | 10                  | 05                     | 05                     |
|         |   | International | -                   | --                     | -                      |
| 2       | Research Reports/Booklet/ Bulletin etc. |               | 7                   | --                     | --                     |
| 3       | Book chapter                            |               | -                   | --                     | --                     |
|         | Books                                   |               | -                   | --                     | --                     |
| 4       | Popular Articles                        |               | 17                  | --                     | --                     |

### Post Graduate Students Guided:

| No. of students awarded |    | No. of students enrolled |    |
|-------------------------|----|--------------------------|----|
| Master                  | 00 | Master                   | 02 |
| Doctorate               | 00 | Doctorate                | 00 |

### Training, Seminar, Symposia, Conferences and Workshop organized:

| Sr. No. | Title                           | Place | Duration         | Sponsoring Authority                                       |
|---------|---------------------------------|-------|------------------|--|
| 1.      | Leadership and Entrepreneurship | COH   | Feb. 15-16, 2018 | Anand Agricultural University , Anand and NCCSD, Ahmedabad |

### Participation in Seminars, Symposia, Conference, training programmes, workshops etc.:

- ❖ Number of Seminar/Symposium/Conference attended :**15**
- ❖ Number of Refresher courses/ training completed :**05**
- ❖ Number of workshop attended :**04**

### Additional responsibilities (academic/administrative):

- ❖ SRC, Chairman, COH, Anand Agricultural University (AAU)
- ❖ Member, Board of studies, Horticulture faculty, AAU, Anand
- ❖ Member, Executive Council Body, Alumni Association, College of Horticulture, AAU
- ❖ Member- Anti\_Ragging Committee, College of Horticulture, AAU
- ❖ Member, different committee at college and university level
- ❖ Assistant rector boys hostel, COH, AAU, Anand (2013-2016)
- ❖ NSS program officer COH, AAU, Anand (2014-2017)