




CURRICULUM VITAE

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| 1. |  | Dr. B. HEMLA NAIK M.Sc.(Agri.); Ph.D.(Hort.);IPGDH (Israel);eL (USA) |
| 2. | Present Designation & address | NODAL OFFICER Prioritization, Monitoring and Evaluation Cell Office of the Vice Chancellor University of Agricultural and Horticultural Sciences, SHIVAMOGGA- 577 225; Karnataka |
| 3. | ACTIVITIES : Teaching : Research : Outreach Activities : Administration : | <ul style="list-style-type: none"> • Under Graduation and Post Graduation courses of Floriculture and Landscape Architecture. • Protected and outdoor cultivation of flowers and vegetables, Dry land Horticulture. • Farm Advisory Services on various Horticultural aspects. • Nodal Officer, Prioritization, Monitoring & Evaluation Cell, UAHS Shivamogga. • Professor & University Head (Horticulture), College of Agriculture, Shivamogga. |
| 4. | Contact details: | |
| | ◆ e-mail | hemplanaikb@yahoo.com / hemplanaik@gmail.com ppmcpuahs@gmail.com / pmeuahs2016@gmail.com |
| | ◆ Contact numbers | 094808 38219; 094488 62225 (P) |
| 5. | Area of specialization | <ul style="list-style-type: none"> ▪ Floriculture and Landscape Gardening, ▪ Protected cultivation of high value flowers and vegetables, ▪ Production Technology of Flowers, Fruits and Vegetables. ▪ Value addition in flowers- Drying and tinting of flowers. |
| 6. | Date of Birth | 1 st June 1965 |

7. EDUCATIONAL QUALIFICATION: (Starting from the highest degree)

| Sl. No. | Degree | Year of passing | Institution | Area of Specialization | Marks obtained (%) | Result |
|---------|---|-----------------|---|--|------------------------|--------------------------------------|
| 1) | Ph.D. (Hort.) | 2003-04 | UAS, Dharwad | Floriculture | 97.30% (9.73/10.00) | 1 st Rank with Gold Medal |
| 2) | M. Sc. (Agri.) in Horticulture | 1992-93 | UAS, Dharwad | Floriculture | 92.00% (3.68/4.00) | First Class with Distinction |
| 3) | B.Sc. (Agri.) | 1990-91 | UAS, Dharwad | Agriculture and allied Sciences | 64.50% (2.58/4.00) | First class |
| 4) | International Post Graduate (Diploma) in Horticulture | 2002-03 | The Hebrew University of Jerusalem, ISRAEL | Sustainable Horticultural Crop Production Under Climatic Constraints | 95-100% | Excellent Grade |

8. EXPERIENCE: (Starting from the entry into UAS service)

8.1: Teaching / Research / Extension

| Sl. No. | Post Held | Institution / Scheme | Place (A/B/C/D class city) | Period | |
|---------|---|---|----------------------------|------------|------------|
| | | | | From | To |
| 1. | Asst. Prof. (Horticulture) | KVK, Hagari; Bellary District, Karnataka Directorate of Extension, UAS Dharwad | D | 21.06.1995 | 02.04.1997 |
| 2. | Assistant Professor of Horticulture | AICRP (Vegetables); Directorate of Research, UAS, Dharwad | C | 03.04.1997 | 12.12.2000 |
| 3. | Assistant Professor of Horticulture (Sr. Scale) | AICRP (Vegetables); Directorate of Research UAS, Dharwad | C | 12.12.2000 | 12.12.2003 |
| 4. | Associate Professor of Horticulture | AICRP (Vegetables); Dept. of Horticulture, MRS, Directorate of Research, UAS, Dharwad | C | 11.12.2003 | 06.06.2006 |
| 5. | Associate Director of Extension | Extension Education Unit, Mudigere, UAS, Bangalore | D | 04.07.2008 | 20.06.08 |
| 6. | Professor of Horticulture (FLA) | College of Horticulture, MUDIGERE, UAS, BANGALORE | D | 07.06.2006 | 01.04.2009 |
| 7. | Professor & Head (FLA) | Dept. of Floriculture and Landscape Architecture, COH, Mudigere, UAS, Bangalore | D | 07.06.2006 | 01.04.2009 |
| 8. | Professor & Head (FLA) | Dept. of Floriculture and Landscape Architecture, COH, Mudigere, UHS, Bagalkot | D | 01-04-2009 | 17.01.2013 |
| 9. | University Head (FLA) | Dept. of Floriculture and Landscape Architecture, UHS, BAGALKOT | D | 01.04.2009 | 17.01.2013 |
| 10. | DEAN (Hort.) | College of Horticulture, MUDIGERE, | D | 10.02.2011 | 10.08.2011 |
| 11. | Professor & Head (Floriculture) | Dept. of FLA COH, Mudigere | D | 07.06.2006 | 17.01.2013 |
| 12. | Professor & Head (PHT) | Dept. of Post Harvest Technology , COH, Mudigere, UHS B)/UAHS (Shivamogga) | D | 18.01.2013 | 24.06.2013 |

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|-----|--------------------------|--|---|------------|------------|
| 13. | Coordinator (PPMC) | Project Planning and Monitoring Cell, UAHS, Shivamogga | C | 25.06.2013 | 24.01.2015 |
| 14. | Professor & Head (Hort.) | Dept. of Horticulture, College of Agriculture, Shivamogga | C | 03-12-2013 | Till Date |
| 15. | University Head | Horticulture, Food Science and Nutrition | C | 20-2-2015 | Till Date |
| 16. | DEAN (Hort.) | College of Horticulture, MUDIGERE, | D | 29.11.2014 | 09.03.2016 |
| 17. | NODAL OFFICER | Prioritization, Monitoring & Evaluation Cell, UAHS Shivamogga | C | 29.04.2016 | Till Date |

8.2: ADMINISTRATIVE EXPERIENCE:

- NODAL OFFICER, Prioritization, Monitoring & Evaluation Cell, UAHS Shivamogga
- DEAN (Hort.), College of Horticulture, Mudigere, UAS, Bangalore, UHS, Bagalkot and UAHS Shivamogga, Karnataka.
- ASSOCIATE DIRECTOR OF EXTENSION, EEU, Mudigere, Chikmagalur, UAS, Bangalore for one year.
- UNIVERSITY HEAD, Floriculture and Landscape Architecture, University of Horticultural Sciences, Bagalkot
- HEAD OF THE DEPARTMENT, Dept of Floriculture and Landscape architecture, COH, Mudigere, UHS, Bagalkot.
- Member, ACADEMIC COUNCIL, University of Horticultural Sciences, Bagalkot (2010-11 to 2011-12).
- Member, Board of studies (UG & PG), University of Horticultural Sciences, Bagalkot (2010-11, 2011-12).
- Member, Research Council & Extension Council, University of Horticultural Sciences, Bagalkot (2010-11, 2011-12).
- Director of Instruction/ Dean (Hort.) whenever the regular Dean was away from the Hq (7.6.2006 to 10.02.2011).
- Consortium Principal Investigator, NAIP "Development of e-courses for B. Sc. (Hort.) Degree programme".
- Member, Academic Council, University of Agricultural and Horticultural Sciences, Shivamogga (2013-14 to 2014-15).
- Coordinator, Project Planning & Monitoring Cell, University of Agricultural and Horticultural Sciences, Shivamogga (25-06-2013 to till date).
- Head of the Department, Department of Horticulture, College of Agriculture, Shivamogga (03-12-2013 to till date).
- University Head, Department of Horticulture, Food and Nutrition, University of Agricultural and Horticultural Sciences, Shivamogga w.e.f. 20-2-2015 to till date.
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9. AWARDS RECEIVED :

1. **Scientists of the Year Award 2014 in the International Conference on Environment and Ecology**” held from **2nd to 4th March 2015** hosted by **Scientific & Environmental Research Institute at Science City, Kolkata.**
2. **International Award for Excellent Project Presentation on “Utilization of Natural Colours from Flowers”** at Rehovot, **ISRAEL.**
3. **Best Research Paper Presentation Award-2016** in the “National Science Conference on Post Graduate Research in State Agricultural Universities held 5th & 6th May 2016 at UAHS Shivamogga.
4. **Best Research Paper Presentation Award** and **secured II Prize** in the **National Symposium** on “Recent Advances in Floriculture” ; March 4 to 6, 2008 ; ASPEE College of Horticulture and Forestry, **Navsari Agricultural University, NAVSARI-396 450 (Gujarat).**
5. **Best Participant Award in the Winter School on “Under Exploited Foods-An Advanced Strategy for Management of Metabolic Disorders”** organized at College of Rural Home Science, **UAS Dharwad (No. RHSc/FSN/WS/198/05-06 Dtd. 02.02.2005)**
6. **University Gold Medal for First Rank (97.30%)** in Ph.D. (Horticulture), UAS, Dharwad, Karnataka.
7. **ICAR Junior Fellowship Award**, secured **4th Rank**; F No. 2-164/90-edn.I ; Dtd 07.07.1992.

10. VISITS TO ABROAD :

| Sl. No. | Name of the Country/ Place/ University. | Period | | Duration | Purpose of Visit |
|---------|--|-------------|------------|----------|--|
| | | From | To | | |
| 1 | The Hebrew University of Jerusalem, Rehovot, ISRAEL | 08.10. 2002 | 25.11.2002 | 50 days | International Post Graduate course on “Sustainable Horticultural Crop Production Under Climatic Constraints” |
| 2 | Cornell University Campus, Ithaca , New York (USA) | 10.03.2010 | 20.03.2010 | 11 days | International Training on e-Learning techniques, tools and management practices |

11. MEMBERSHIP IN AFFILIATED INSTITUTES

| SI No. | Institute/Society | Place |
|--------|--|------------------|
| 1) | The Horticultural Society of India | New Delhi |
| 2) | Indian Society of Ornamental, Horticulture | IARI, New-Delhi |
| 3) | Journal of Ornamental Horticulture | IARI, New Delhi |
| 4) | Karnataka Journal of Agricultural Sciences | UAS, Dharwad |
| 5) | The Asian Journal of Horticulture | KRCCH, Arabhavi |
| 6) | Society for Promotion of Horticulture | IIHR, Bangalore |
| 7) | Journal of Horticultural Sciences | IIHR, Bangalore |
| 8) | All India Banjara Professors Association | Gulbarga |
| 9) | Krushi Munnade | UAS, Dharwad |
| 10) | Hort Club, Department of Horticulture | UAS, Dharwad |
| 11) | Agricultural Teachers Association | UAS, Dharwad |
| 12) | Alumini Association | UAS, Dharwad |
| 13) | Green Club | UAS, Dharwad |
| 14) | Krishi Chintana | Vijayapura |
| 15) | Krishi Bandhu- Annadatha | e-TV Hyderabad |
| 16) | Agricultural & Horticultural Sciences Teachers Association | UAHS, Shivamogga |

12. TEACHING : > 22 years (w.e.f.,12.12.1994 to Till date)

- Offered the following courses independently for both Under Graduate and Post Graduates at College of Agriculture, UAS, Dharwad, College of Horticulture, Mudigere, UAS Bangalore/ UHS, Bagalkot and College of Agriculture, Shivamogga, University of Agricultural and Horticultural Sciences, Shivamogga.

12.1: Post Graduate Courses:

| Sl. No. | Course # | Title | Credit hours |
|---------|----------|--|--------------|
| 1. | FLA 502 | Production technology of cut flowers | 2+1 |
| 2. | FLA.504 | Landscaping and Ornamental Gardening | 2+1 |
| 3. | FLA.501 | Breeding of Flower Crops and Ornamental Plants | 2+1 |
| 4. | FLA.505 | Protected cultivation in Floriculture | 1+1 |
| 5. | FLA. 509 | Value addition in flowers | 1+1 |
| 6. | HR. 523 | Minor Commercial Flowers | 1+1 |

12.2: UNDER GRADUATE COURSES : B.Sc. (Agriculture / Horticulture) at UAS, Dharwad, Bangalore, UHS Bagalkot and UAHS, Shivamogga

| Sl. No. | Course # | Title | Credit hours |
|---------|-------------------------|--|--------------|
| 1. | Hort.102 | Fundamentals of Horticulture | 2+1 |
| 2. | HRT.202 | Fruits and Plantation Crops | 2+1 |
| 3. | HRT.202 | Fruits and Plantation Crops | 2+1 |
| 4. | HRT.201 | Fruits spices, plantation, medicinal and ornamental crops | 2+1 |
| 5. | HRT.301 | Vegetable crops and Ornamental gardening | 2+1 |
| 6. | HRT.103 | General Horticulture | 2+1 |
| 7. | HRT.201 | Vegetable crops, ornamental gardening and post harvest technology of horticultural crops | 2+1 |
| 8. | PAT. 402 | Plant Clinic | 0+1 |
| 9. | Flori. 202 | Protected cultivation (Including structures) | 1+1 |
| 10. | Tour 401 | All India Educational Tour (as Tour Leader) | 0+1 |
| 11. | Flori. 202 | Ornamental Horticulture —I (Commercial Flowers) | 2+1 |
| 12. | RHWEP (H) Flori. 401 | Rural Work Experience Programme (Horticulture) | 0+2 |
| 13. | Flori. 302 | Ornamental Horticulture —I (Ornamental Gardening and Landscaping) | 1+1 |
| 14. | Flori. 410 | Commercial Floriculture | 0+2 |
| 15. | Flori. 302 | Ornamental Horticulture –III (Ornamental gardening and landscaping) | 1+1 |
| 16. | Flori. 301 | Ornamental Horticulture –II (Ornamental gardening and landscaping) | 1+2 |
| 17. | FLG. 201 | Ornamental Horticulture | 2+1 |
| 18. | Flori. 303 | Flower Crop Production | 0+1 |
| 19. | FLG 202 | Commercial Floriculture | 2+1 |
| 20. | FLG 102 | Principles of Landscape Gardening | 0+1 |
| 21. | HRT 202 | Production Technology of Ornamental Crops and Landscape Gardening | 1+1 |
| 22. | HRT 101 | Fundamentals of Horticulture and Production Technology of Fruit Crops | 2+1 |

12.3 SIGNIFICANT ACHIEVEMENTS IN TEACHING

| e-Contents Developed for ONLINE and OFFLINE of B.Sc. (Hort.)/ B.Sc. (Agri.) Courses as PRINCIPAL SCIENTIST / PROFESSOR | | | | |
|--|---------------|---|--------------|---------------|
| Sl. No. | Course Number | Title | Credit hours | Class |
| 1. | FLG 102 | Principles of Landscape Gardening | 0+1 | B.Sc. (Hort.) |
| 2. | FLG 202 | Commercial Floriculture | 2+1 | B.Sc. (Hort.) |
| 3. | HRT. 101 | Fundamentals of Horticulture and Production Technology of Fruit Crops | 2+1 | B.Sc. (Agri.) |
| 4. | HRT.202 | Production Technology of Ornamental Crops and Landscape Gardening | 1+1 | B.Sc. (Agri.) |

- Responsible for starting of M. Sc. (Hort.) in Floriculture and Landscape Architecture at College of Horticulture, Mudigere wef 2010-11 as Head of the Department cum University Head (FLA), UHS, Bagalkot.

13. PG GUIDANCE :

13.1: As CHAIRMAN: Produced 20 Post Graduate students on various aspects of Horticulture.

| Sl. No. | Name of the student | ID No. | Specialization | Year | Degree | |
|---------|---------------------------|--------------|---|---------------|----------------|----------------|
| 1. | Ms. Neelam Chuhan | PGS03AGR3454 | Horticulture | 2003-04 | M. Sc. (Agri.) | |
| 2. | Ms. Shubha B M | PGS04AGR3793 | Horticulture | 2004-05 | M. Sc. (Agri.) | |
| 3. | Ms. Amreen Taj | UHS10PGM103 | Floriculture and Landscape Architecture | 2010-11 | M. Sc. (Hort.) | |
| 4. | Ms. Tarannum | UHS10PGM107 | | 2010-11 | M. Sc. (Hort.) | |
| 5. | Mr. Basavaraj, D. Dalawai | UHS10PGM105 | | 2010-11 | M. Sc. (Hort.) | |
| 6. | Ms. Shwetha, B. S. | UHS11PGM188 | | 2011-12 | M. Sc. (Hort.) | |
| 7. | Ms. Vedavathi, R. S. | UHS11PGM190 | | 2011-12 | M. Sc. (Hort.) | |
| 8. | Ms. Swathi Gobbi | UHS12PGM299 | | 2012-13 | M. Sc. (Hort.) | |
| 9. | Mr. Shivayya Mathapati | UHS12PGM304 | | 2012-13 | M. Sc. (Hort.) | |
| 10. | Mr. Suresh Chougala | UHS12PGM305 | | 2012-13 | M. Sc. (Hort.) | |
| 11. | Mr. Chandrasekhar, S.Y. | UHS12PDG34 | | 2012-13 | Ph.D.(Hort.) | |
| 12. | Mr. Shivamurthy, S.M | MH2TAC007 | | 2013-14 | M. Sc. (Hort.) | |
| 13. | Mr. Ravi, C.H | MH2TAC006 | | 2013-14 | M. Sc. (Hort.) | |
| 14. | Ms. Kavyashree, N | MH2TAC009 | | Fruit Science | 2013-14 | M. Sc. (Hort.) |
| 15. | Ms. Pruthvi P Hegde | MH2TAD006 | | FLA | 2014-15 | M. Sc. (Hort.) |
| 16. | Mr. Mahantesh Biradar | MH2TAD010 | FLA | 2014-15 | M. Sc. (Hort.) | |
| 17. | Mr. Y. Kantharaj | UHS11PGD22 | Post Harvest Technology | 2014-15 | Ph.D.(Hort.) | |
| 18. | Ms. Vinutha | MH2TAE005 | Floriculture and Landscape Architecture | 2015-16 | M. Sc. (Hort.) | |
| 19. | Mr. Harish | MH2TAE007 | | 2015-16 | M. Sc. (Hort.) | |
| 20. | Ms. Sudharani N | PALB5057 | Food Science & Nutrition | 2016-17 | Ph.D.(FSc & N) | |

| 13.2 Post Graduate Guidance: As Advisory Member : 39 | | | | | |
|--|------------------------|----------------------------|-------------------------|---------|--------|
| Sl. No | Name of the student | Department | Chairman / Co-Chairman | Year | Degree |
| 1. | Mr. Vijaykumar Kori | Horticulture | Dr. V.S. Patil | 1999-00 | M. Sc. |
| 2. | Ms. Shalini, M | Horticulture | Dr. A. A. Patil | 2003-04 | Ph.D. |
| 3. | Ms. Safeena . S.A. | Horticulture | Dr. V.S. Patil | 2003-04 | M. Sc. |
| 4. | Mr. Shivakumar | Horticulture | Dr. R.M. Hosamani | 2003-04 | M. Sc. |
| 5. | Ms. Manjula.G | Horticulture | Dr. A.A. Patil | 2003-04 | M. Sc. |
| 6. | Mr. Narayanswamy.G | Agri Business & Management | Dr. B.B. Bankar | 2003-04 | M. Sc. |
| 7. | Mr. Gotyal S H | Agricultural Extension | Dr. J. G. Angadi | 2004-05 | Ph.D. |
| 8. | Ms. Chaithra R | Horticulture | Dr. V.S. Patil | 2004-05 | M. Sc. |
| 9. | Ms. Rashami. L | Horticulture | Dr. A.A. Patil | 2004-05 | M. Sc. |
| 10. | Mr. Sridhar.P | Horticulture | Dr. S.G. Angadi | 2004-05 | M. Sc. |
| 11. | Ms. Sunitha.H.M. | Seed Science & Technology | Dr. Ravi.Hunji | 2004-05 | M. Sc. |
| 12. | Mr. R S Jawadagi | Horticulture | Dr. N. Basavaraj | 2005-06 | Ph.D. |
| 13. | Mr. Munikrishnappa | Horticulture | Dr. A.A. Patil | 2005-06 | Ph.D. |
| 14. | Mr. Shivanand J | Plant Pathology | Dr. M. R. Ravikumar | 2005-06 | M. Sc. |
| 15. | Ms. Samata Airani | Food & Nutrition | Dr. Rama K. Naik | 2005-06 | M. Sc. |
| 16. | Mr. Nguyen Van Son | Horticulture | Dr. A.N. Mokashi | 2005-06 | M. Sc. |
| 17. | Ms. B. Madhavi | Horticulture | Dr. V.S. Patil | 2005-06 | M. Sc. |
| 18. | Mr. Azharuddin S G | Floriculture | Dr. Balaji Kuklkarni | 2009-10 | M. Sc. |
| 19. | Mr. G. T. Mallikarjun | Floriculture | Dr. V. Srinivasa | 2010-11 | M. Sc. |
| 20. | Ms. Anuroopa, T.R | Floriculture | Dr. V. Srinivasa | 2010-11 | M. Sc. |
| 21. | Ms. Bhavani Dongabanti | Fruit Science | Dr. D. Thippesha | 2010-11 | M. Sc. |
| 22. | Mr. Shivashankar | Entomology | Dr. Hanumantharaya L | 2010-11 | M. Sc. |
| 23. | Mr. Sudeep, H. P. | Floriculture | Dr. B. S. Reddy | 2011-12 | M. Sc. |
| 24. | Ms. Latha S | Floriculture | Dr. B. S. Reddy | 2011-12 | M. Sc. |
| 25. | Ms. Geetha Shetty | Fruit Science | Dr. D. Thippesha | 2011-12 | M. Sc. |
| 26. | Ms. Seema, H. A. | Entomology | Dr. Revanna Revannavar | 2011-12 | M. Sc. |
| 27. | Ms. Savitha, K. H. | Floriculture | Dr. V. Srinivasa | 2012-13 | M. Sc. |
| 28. | Ms. Ketana, G. B. | Floriculture | Dr. B. S. Reddy | 2012-13 | M. Sc. |
| 29. | Mr. Shivakumar | Floriculture | Dr. V. Srinivasa | 2012-13 | M. Sc. |
| 30. | Ms. Kundaty Deepika | Entomology | Dr. Hanumantharaya L | 2012-13 | M. Sc. |
| 31. | Mr. Gobu, R | GPB, CoA, Shivamogga | Dr. Harishbabu | 2013-14 | M. Sc. |
| 32. | Mr. Vishal,V Chaudhary | Fruit Science | Dr. D. Thippesha | 2013-14 | M. Sc. |
| 33. | Mr. Darshan | Plantation crops | Dr (Smt) Bhumika | 2014-15 | M. Sc. |
| 34. | Ms. Roopa | Floriculture | Mr. Chandrashekhar SY | 2014-15 | M. Sc. |
| 35. | Mr. Beeralingappa | Floriculture | Mr. Hemanth Kumar P | 2014-15 | M. Sc. |
| 36. | Mr. Yashawanth. D. R., | Floriculture | Mr. Chandrashekar.S. Y. | 2014-15 | M. Sc. |
| 37. | Mr. Ashok | Vegetable Science | Dr. Umamaheswarappa | 2014-15 | M. Sc. |
| 38. | Mr. Santhosh N | Floriculture | Mr. Chandrashekhar SY | 2015-16 | M. Sc. |
| 39. | Ms. Seemanthini N S | Floriculture | Mr. Chandrashekhar SY | 2015-16 | M. Sc. |

13.3 Development of e-courseware for B.Sc. (Hort.)

- Under my leadership as Consortium Principal Investigator the e-contents for 1354 lectures were developed for 51 courses of the B.Sc. (Hort.) degree programme as per the syllabus recommended by the IV Deans committee by the teachers from UHS, Bagalkot, TNAU, Coimbatore and Dr. Y. S. Parmar UH&F, Nauni, Solan (HP). The courses are critically reviewed by the peer reviewers at the national level.
- The e-learning materials of all the 51 courses for both ONLINE and OFFLINE CDs are now being hosted in the website: <http://ecourses.iasri.res.in/Home1.aspx;e-Learning> as portal on Agricultural Education (e-KrishiShiksha) IASRI, New Delhi.
- The students/teachers/scientists are given access in the form of guests. For the sake of the offline courses CD's of all the courses have been provided to the NAIP after the conclusion of the Hosting workshop.

14. NATIONAL LEVEL TRAININGS / WORKSHOPS ORGANIZED :

As Director / Consortium Principal Investigator

| SI No. | Title | Duration | | Venue | # of Beneficiaries attended |
|--------|---|-------------|-------------|----------------------------------|-----------------------------|
| | | From | To | | |
| 1. | Launching workshop of NAIP subproject "Development of e-Courses for B.Sc. (Hort.) Degree Programme" | 08-11- 2008 | 08-11- 2008 | College of Horticulture Mudigere | 175 |
| 2. | National Training on "e-Content Management" | 23.10.2009 | 28.10.2009 | College of Horticulture Mudigere | 33 |
| 3. | National Training on "Multimedia content development" | 02.12.2009 | 11.12.2009 | NAARM, Hyderabad | 28 |
| 4. | National Workshop on Web Hosting of e-Courseware for B. Sc. (Hort.)" | 28.06.2012 | 28.06.2012 | College of Horticulture Mudigere | 225 |

15. PARTICIPATION IN CONFERENCE/ WORKSHOP/ SEMINAR/SYMPOSIUM AT NATIONAL LEVEL :

| SI. No. | Years | Name of the Seminar/ Symposia/Workshop/Conference | Organizing institute |
|---------|---|---|--------------------------------------|
| | 1995 | National Seminar on KVK's TTC | NGO/ICAR Thirupathi (AP) |
| 1. | 2003 | AICRP (vegetables) Workshop | ANGRAU, Hyderabad (AP) |
| 2. | 2003 | National Symposium on Floriculture | KAU Trichi (Kerala) |
| 3. | 2004 | National Symposium on Floriculture | UAS Dharwad |
| 4. | 2005 | AICRP (vegetables) Workshop | Kalyani, Nadia (WB) |
| 5. | 2006 | AICRP (vegetables) Workshop | UAS, Dharwad |
| 6. | 2007 | National symposium on recent advances in Floriculture | NAU, Navasari |
| 7. | 2008 | Development of e-Courses for B.Sc. (Horticulture) Degree Program | Krishi Bhavan-II, IARI, New Delhi |
| 8. | 2008 | e-course Launch workshop | Fishery College, Mangalore |
| 9. | 19-20 th Sept., 2008 | Monitoring & Evaluation (M & E) under NAIP, | ICAR New Delhi |
| 10. | 8-12 th Dec., 2008 | Digital content creation and management for crop specific information | ICRISAT campus Patancheru, Hyderabad |
| 11. | 20 th -23 rd January 2009 | Review meeting of NAIP subproject Development of e-courses for B. Sc. Hort. | TNAU, Coimbatore (TN) |

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| | | Degree programme | |
| 12. | 25 th April, 2009 | Monitoring & Evaluation (M & E) under NAIP | TNAU, Coimbatore (TN) |
| 13. | 24 th -25 th , September 2009 | Workshop cum training programme of NAIP sub projects on Development of e- courses Under component 1” | IIT, Chennai (TN) |
| 14. | 2 nd -11 th Dec. 2009 | Multimedia Content Development | NAARM, Hyderabad (AP) |
| 15. | 2009 | NAIP Launch workshop | UAS, Bangalore |
| 16. | 2009 | National Symposium on Spices | UAS, Dharwad |
| 17. | 23-27, June, 2009 | 2 nd International Symposium on Pomegranate and Minor including Mediterranean fruits (ISPMMF-2009) | UAS, Dharwad |
| 18. | 2009 | International Conference on Horticulture | Bangalore |
| 19. | 13 th May 2010 | Post-review of procurement of goods/works/consultancy | CRIDA, Santosh Nagar, Hyderabad |
| 20. | 21 st and 22 nd , May 2010 | National meet on “Technological Innovation in Agriculture” and exhibition” | NASC complex New Delhi |
| 21. | 18-19 February, 2011 | Review meeting on performance of MS consortia, NAIP C1 of the subproject Development of e-Courses for B.Sc. (Horticulture) Degree Programme, | G. B. Pant University of Agriculture & Technology, Pantnagar (UP) |
| 22. | May 2 nd 2011 | Review meeting of NAIP e- course projects by DG, ICAR New Delhi | NASC complex New Delhi |
| 23. | 4 th April 2012 | Cost Committee meeting to be held on 4 th April 2012 at Committee Room, PIU-NAIP, KAB-II. | PIU, NAIP, KAB-II, PUSA, NEW DELHI |
| 24. | 12-13 th April 2012 | Floral Crafts: The Art and Technique for Value Addition in Flowers | Navasari Agricultural University, Navasari, Gujarat |
| 25. | 06-12-2013 to 7-12-2013 | Cross Cutting Experiences in ICT sub-projects under NAIP | Pusa Campus, New Delhi |
| 26. | 11-03-2014 | Intellectual Property - Consultative Group Members Meeting | Bangalore |
| 27. | 20-12-2014 to 22-12-2014 | All India 5 th Deans Committee Meeting as member | PG center, UHS Bagalkot GKVK Campus, Bangalore |

16. SPECIAL TRAININGS UNDERGONE: 16.1: Short Courses

| Sl. No. | Subject/Topic | Institution/ Venue | Period | | Duration |
|---------|---|--------------------------------------|-----------|----------|----------|
| | | | From | To | |
| 1. | National training on Agro Forestry | Directorate Extension, UAS, Dharwad | 27.12.95 | 03.01.96 | 5 days |
| 2. | Tropical Mushroom cultivation | IIHR, Bangalore | 16.07.96 | 20.07.96 | 7 days |
| 3. | Advanced Training on improvement and production of temperate vegetables | Dr. Y.S. Parmar, U.H.E. Solan (U.P.) | 10.03. 99 | 24.03.99 | 15 years |
| 4. | Protected cultivation of Ornamental crops | IIHR, Bangalore | 12.09. 00 | 21.09.00 | 10 days |
| 5. | Hi-Tech Horticulture | HTC, Talegaun (Pune) | 01.12. 03 | 05.12.03 | 5 days |
| 6. | Greenhouse Production of Vegetables and Flowers | IIHR, Bangalore | 23.08.04 | 01.09.04 | 10 days |
| 7. | Greenhouse Technology For Growing Horticultural Crops | IARI, New Delhi | 1.12. 05 | 10.12.05 | 10 days |
| 8. | Recent Advances in Floriculture | NAVSARI (Gujarat) | 4-3-08 | 06-03-08 | 03 days |

| | | | | | |
|-----|---|---|----------|----------|---------|
| 9. | Programme on priority setting, monitoring and evaluation in national agricultural innovation system | IIM, Lucknow | 07.07.08 | 11.07.08 | 5 Days |
| 10. | Digital content creation and management for crop- specific information | ICRISAT, Hyderabad | 08.12.08 | 12.12.08 | 5 Days |
| 11. | Floral Craft: The Art and Technique for Value Addition in Flowers | Navasari Agricultural University, Navsari 396450, Gujarat | 12-4-12 | 13-4- 12 | 02 days |
| 12. | NAARM- Commonwealth of Learning (COL), Canada Joint Workshop On “Emerging Practices of Open Educational Resources in Higher Education and Training” | NAARM, Hyderabad | 16-05 13 | 17-05-13 | 02 days |
| 13. | MDP workshop on Priority setting, Monitoring and Evaluation (PME) of Agricultural Research Project | NAARM, Hyderabad | 19-11-13 | 23-11-13 | 5 Days |
| 14. | Cross Cutting Experiences in ICT sub-projects under NAIP | Pusa Campus, New Delhi | 06-12-13 | 07-12-13 | 02 days |
| 15. | MDP workshop on “Technology Management for Researchers” | NAARM, Hyderabad | 27-01-14 | 31-01-14 | 5 Days |

16.2: REFRESHER / WINTER / SUMMER SCHOOLS ATTENDED :

| Sl. No. | Subject/Topic | Institution/ Venue | Period | | Duration |
|---------|---|--|-----------|----------|----------|
| | | | From | To | |
| 1. | Computer education | DR, UAS Dharwad | Feb.2000 | March 00 | 25 days |
| 2. | Refresher course in Agricultural Sciences | UGC-Staff College, BHU, Varanasi (UP) | 26.01. 04 | 19.02.04 | 21 days |
| 3. | Under Exploited Foods-An Advanced Strategy for Management of Metabolic Disorders | Dept. of Food and Nutrition, R. H. Sc., UAS, Dharwad | 01-12.04 | 21.12.04 | 21 days |
| 4. | Recent Advances in Production Technology of Tropical and Sub-tropical Fruit Crops | MPKV, Rahuri, Maharashtra | 18.01.05 | 07.02.05 | 21 days |
| 5. | Appropriate Extension Strategies for Promotion of Organic Farming | Department of Agricultural Extension, UAS, Dharwad | 08.11.05 | 28.11.05 | 21days |
| 6. | “WTA, GATS & IPR: Implications in Agricultural Research and Education” | (NAARM), Rajendra Nagar, Hyderabad. | 14-11-07 | 04-12-07 | 21 Days |

17. : VISIT TO DIFFERENT SAU's/ ICAR/ICRISAT INSTITUTES IN INDIA

| SI. No | Name of the Institution/University | Place | Duration (Days) |
|--------|--|-----------------------|-----------------|
| 1. | Dr. Y.S. Parmar University of Horticulture & Forestry | Nauni, Solan (HP) | 20 |
| 2. | Acharya N.G. Ranga Agricultural University, Hyderabad | Hyderabad | 2 |
| 3. | ICRISAT (International Crops Research Institute for Semi Arid Tropics) | Patancheru, Hyderabad | 6 |
| 4. | NAARM (National Academy of Agricultural Research Management) | Hyderabad | 22 |
| 5. | MANAGE (National Centre for Management of Agricultural Extension) | Hyderabad | 1 |
| 6. | IIM (Indian Institute of Management) | Lucknow | 5 |
| 7. | IARI (Indian Agricultural Research Institute) | PUSA, New Delhi | 10 |
| 8. | Central Potato Research Institute | Kufri, Simla (HP) | 2 |
| 9. | Apple Fruit Research Station | Bazora, Simla (HP) | 1 |
| 10. | Mahatma Phule Krishi Vidyapeeth | Rahuri (MHR) | 23 |
| 11. | Tamil Nadu Agricultural University, | Coimbatore | 10 |
| 12. | Banaras Hindu University | Varanasi | 23 |
| 13. | Bidhan Chandra Krishi Viswavidyalaya, Kalyani | West Bengal | 4 |
| 14. | Anand Agricultural University, | Anand (Gujarath) | 2 |
| 15. | NAU (Navasari Agricultural University) | Navsari (Gujarath) | 4 |
| 16. | Agricultural University | Pune (MHR) | 5 |
| 17. | Hi Tech Horticultural Training Center | Talegaon (MHR) | 6 |
| 18. | Punjab Agricultural University | Ludhiana | 2 |
| 19. | KAU (Kerala Agricultural University), | Thrissur Kerala | 4 |
| 20. | CCRI (Central Coffee Research Institute) | Balehonnur | 2 |
| 21. | Deccan Flora Base | Pune | 1 |
| 22. | KAIC, Digital Flower action center | Bangalore | 3 |
| 23. | Indian Institute of Horticultural Research | Bangalore | 25 |
| 24. | National Bureau of Plant Genetic Resources | Delhi | 4 |
| 25. | University of Agricultural Sciences | Bangalore | 3 Years |
| 26. | University of Agricultural Sciences | Dharwad | 16 Years |
| 27. | University of Agricultural Sciences | Raichur | 10 Days |
| 28. | Indian Institute of Technology, Chennai | Chennai | 3 Days |
| 29. | University of Horticultural Sciences | Bagalkot | 4 1/2 Years |
| 30. | G.B. Pant University of Agriculture and Technology, | Pantnagar | 5 |
| 31. | Maharana Pratap University of Agriculture and Technology, | Udaipur | 5 |

B) RESEARCH ACHIEVEMENTS:

| 1. RESEARCH PROJECTS : (Handled/Operating as Principal Investigator/Consortium PI) | | | | | |
|--|---|---------------------------|------------------|-----------------------|-------------|
| Sl. No. | Title | Source of Funding | Duration (Years) | Budget (Rs. In Lakhs) | Remarks |
| 1. | Studies on Inter-Cropping of Medicinal and Aromatic Plants With Horticultural Crops | NMPB New Delhi | 3 | 10.85 | Completed |
| 2. | Development of e-courseware for B.Sc. (Hort.) Degree programme | NAIP (ICAR, NEW DELHI) | 6 | 296.74 | Completed |
| 3. | Research on alternate horticultural crops to Coconut for Dry region of Kadur taluka | GOK | 5 | 50.00 | In Progress |
| 4. | Ornamental Nursery Production | SDH, GOK | 3 | 15.00 | In Progress |

2. Implementable Technology Generated:

- Research work done has been from 1995 to 2006 and resulted in generation of several implementable technologies both in the field of varietal development identification as well as in production technology of vegetable crops.
 - Varieties Released : 03
 - Technologies in package practice : 10

i) Varieties Released / Recommended for commercial cultivation

- i) French bean variety 'IIHR-909' recommended for commercial cultivation.
- ii) Tomato leaf curl resistant variety H-36 recommended for summer cultivation.
- iii) Cabbage hybrid KGAT-III recommended for commercial cultivation.

ii) Production Technology Developed

- ♣ Seed treatment with *Azospirillum* 200g/kg seed) and seedling root dipping in *Azospirillum* solution (400 g/10 liter water) before transplanting reduces 25% nitrogen requirement and increases yield of green chilli. Seed and seedling treatment with *Azospirillum* (ACD15+ACD 20) plus 50 kg N/ha has been recommended for green chilli production under rainfed condition and the same was included in the package of practice for horticultural crops.
- ♣ A fertilizer dose of 100: 40:60 kg NPK/ha has been standardized for garlic production under rainfed condition of transitional tract of northern Karnataka. It was recommended for inclusion in package of practice for horticultural crops.
- ♣ Seed treatment with *Azospirillum* (ACD 15+20) plus 50 kg N/ha has been recommended for green chilli production under rainfed condition and the same was included in the package of practice for horticultural crops.
- ♣ A closure spacing of 15x10 cm and 150 kg N/ha has been recommended for onion bulb production under rainfed condition of Dharwad region.

b) Brief highlights of research work on vegetable production

| Sl. No. | Targets set in AICRP Project | Targets Achieved |
|---------|---|--|
| 1. | Standardization of NPK for Garlic production | 100:40:60 K NPK/ha Recommended for package. |
| 2. | Use of Bio-fertilizers (Azospirillum) in chilli | Seed treatments with Azospirillum (ACD-15+20) and 50%kg N/ha recommended for onion production |
| 3. | Spacing cum fertilizer trial in onion | 15x10 cm +150 kg N/ha recommended for onion production |
| 4. | Standardization of spacing cum fertilizer dose for Brinjal production | 75x60 cm spacing and 125:100:50kg NPK/ha was found be optimum for brinjal production |
| 5. | Foliar application of micronutrients for tomato production | Foliar spraying of boron @100ppm at 40days after transplanting found be beneficial for tomato production |
| 6. | Use of Bio-fertilizer in onion | Seed treatment with Azospirillum @200g/ha reduced 25% N requirement/ha |
| 7. | Weed management in onion | Tribunil@2.0 kg a.i./ha +1 hand weeding at 40DAT |
| 8. | Organic farming in tomato production | FYM @20t/ha+NPK 115:100:60kg/ha found to be the best combination for tomato production organically |
| 9. | Fertilizer trial on hybrids tomato production | Nitrogen at 120 kg/ha and phosphorous at 180 kg/ha gave highest yield of 72.23 t/ha. |
| 10. | Effect of seasons on seed production of okra | Arka Anamika recoded 12.50 q/ha Seed yield during Kharif season |

C) OUTREACH ACTIVITIES:

a) Transfer of Technology:

- I have worked as Training Associate (Horticulture) in Krishi Vigyan Kendara at Hagar, Bellary district from 21-06-1995 to 02-04-1997. During this period I have conducted many ON CAMPUS and OFF CAMPUS Training Programmes, associated in lab-to land programmes, Frontline Demonstration, National Demonstration and various farm advisory services, for transfer of technologies generated at University of Agricultural Sciences, Dharwad.
- Served as Master Trainer (Horticulture) for two years in bimonthly workshops
- Established a drumstick orchard near Hagari.
- Served as Associate Director of Extension, EEU, Mudigere, Chikmagalur dist., UAS, Bangalore (KNK).

b) Radio /T.V. Talks

| Date | Title | Station | Duration |
|---------------------------------------|---|--------------|------------|
| 14.4.1996 | Bellary Zilleyelli Anjura Hannina Besayakramagalu | AIR-Hospet | 15 Minutes |
| 07.9.1996 | Hannugala Raja Mavu | AIR-Hospet | 15 Minutes |
| 23.3.2003, 30.9.2003, 30.5.2004 | Marigold for Flower and Natural Colour Production | E-TV Kannada | 15 Minutes |
| 15.11.2004 01.12.2004 | Protected cultivation of rose | E-TV Kannada | 15 Minutes |

c) Exhibitions Organized:

- i) Exhibited Jasmine, Onion, fig, and Datepalm in field day at ARS, Hagari.
- ii) Exhibited Horticultural crops of ARS Hagari in KAIC-UAS interaction meet.
- iii) Involved in Mango exhibition during 1997-98
- iv) Organized field spots and exhibits during Kissan melas every year.

d) Extension Education / Training Programme Organized:

I have delivered several lectures in training programmes organized to AAO's, farm women, and farmers during the period.

g) Extension and Field Outreach Activities:

Several field and consultancy activities have been carried out during 1995 to 2004

Spread of Technologies Generated:

| Sl. No. | Crop | Variety | Area covered |
|---------|--------------------------|--|--------------|
| 1 | French bean | IIHR 909 | 5,000 ha |
| 2 | Chilli, onion and Bhendi | Seed and seedling treatment with <i>Azospirillum</i> | 200 ha |

16. PUBLICATION : Scientific Full Length Papers Published:

| Sl. No. | Name of the Authors | Title of the paper | Name, Vol. No. and Issue No. of the Journal |
|---------|--|---|---|
| 1. | B. HEMLA NAIK, U.G. NALAWADI, M.N. SREENIVASA AND A.A. PATIL | Field Response of China aster { <i>Callistephus chinensis</i> (L) Nees} to the Inoculation of Vesicular Arbuscular Mycorrhizal Fungi at Different phosphorus levels | <i>Scientia Horticulturae, An International Journal, The Netherland</i> 62: 129-133 |
| 2. | B. HEMLA NAIK, U.G. NALAWADI, M.N. SREENIVASA AND A.A. PATIL | Pre-Inoculation of Vesicular Arbuscular Mycorrhizal Fungi saves phosphate in China Aster { <i>Callistephus chinensis</i> (L) Nees } | <i>Karnataka Journal of Agricultural Sciences,</i> 8 (2): 220-224 |
| 3. | B. HEMLA NAIK, U.G. NALAWADI AND M.N. SREENIVASA | Role of Vesicular-Arbuscular Mycorrhizal Fungi in Production of China Aster { <i>Callistephus chinensis</i> (L) Nees } | <i>Karnataka Journal of Agricultural Sciences</i> 11:737-741 |
| 4. | B. HEMLA NAIK, U.G. NALAWADI AND M.N. SREENIVASA | Efficacy of Different Vesicular Arbuscular Mycorrhizal Fungi in China Aster { <i>Callistephus chinensis</i> (L) Nees } | <i>Karnataka Journal of Agricultural Sciences</i> 12 (4): 154-158. |
| 5. | B. HEMLA NAIK AND R.M. HOSAMANI | Effect of spacing and nitrogen levels on Growth and yield of Kharif Onion (<i>Allium cepa</i> L) | <i>Karnataka Journal of Agricultural Sciences</i> 16 (1): 98-102 |
| 6. | B. HEMLA NAIK AND R.M. HOSAMANI | Standardization of fertilization for Garlic (<i>Allium sativum</i> L) production under Transitional tract of Karnataka. | <i>Karnataka Journal of Agricultural Sciences</i> 16 (1): 103-107 |
| 7. | R.M. HOSAMANI, B. HEMLA NAIK S.R. PATIL AND NANDADEVI | Perse performance of Onion (<i>Allium cepa</i> L) Genotypes, | <i>National symposium on onion Garlic production and post harvest management challenges and Strategies NRCOG, 14&115. 19-21Nov. 2000`</i> |

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| 8. | MOHAMMED IBRAHIM, V.M. GANIGER AND B.HEMLA NAIK | Correlation and Regression study of Bulb yield and its Attributes in Onion (<i>Allium cepa</i> L.) | <i>Karnataka Journal of Agricultural Sciences</i> 13 (4): 975-977. |
| 9. | B. HEMLA NAIK AND R.M. HOSAMANI | Influence of Azospirillum on Growth and yield of Green Chilli (<i>Capsicum annuum</i> L.) at Different nitrogen levels | <i>Karnataka Journal of Agricultural Sciences</i> 16 (1):108-112 (2003) |
| 10. | N. BASAVARAJ, B. HEMLA NAIK AND A. MOHAMMED ALI | Production potential of Blue Daisy (<i>Aster amellus</i> L) | <i>National symposium on Recent Advances in Indian Floriculture;</i> Nov.12-14, 2003, KAU Trichur (Kerala) |
| 11. | B. HEMLA NAIK A. A. PATIL, N. BASAVARAJ AND V. S. PATIL | Correlation studies in African marigold (<i>Tagetes erecta</i> L.) genotypes | <i>Journal of Ornamental Horticulture</i> , December, 2004, 7(3-4): 182-190 |
| 12. | B. HEMLA NAIK, A. A. PATIL, V. S. PATIL, N. BASAVARAJ AND S. M. HEREMATH | Effect of Pinching and Chemicals on Xanthophyll yield in African Marigold (<i>Tagetes erecta</i> L.) | <i>Journal of Ornamental Horticulture</i> , December, 2004, 7(3-4): 81-86 |
| 13. | A. A. PATIL MANJULA, B AND B. HEMLA NAIK | Evaluation of Gladiolus hybrids for cut-flower production under transitional tract of Karnataka | <i>Journal of Ornamental Horticulture</i> , December, 2004, 7(3-4): 57-62 |
| 14. | A. A. PATIL, MANJULA AND B. HEMLA NAIK | Co-efficient of variation, heritability and genetic advances in Gladiolus hybrids | <i>Journal of Ornamental Horticulture</i> , December, 2004, 7(3-4): 71-74 |
| 15. | B. C. PATIL, B. HEMLA NAIK, AND NALAWADI, U G | Comparison of effect of split application of nitrogen at different stages on growth and flower yield of Gaillardia on red and black soils | <i>Journal of Ornamental Horticulture</i> : 7(3-4): 138-143, December, 2004 |
| 16. | B. HEMLA NAIK, A. A. PATIL AND N. BASAVARAJ | Stability Analysis in African Marigold (<i>Tagetes erecta</i> L.) Genotypes for Growth and Flower Yield | <i>Karnataka Journal of Agricultural Sciences</i> : 18(3): 758-763 (2005) |
| 17. | B. HEMLA NAIK, A. A. PATIL AND N. BASAVARAJ | Analysis of Variance and Environmental Indices for Different Traits of African marigold and French marigold Genotypes | <i>Karnataka Journal of Agricultural Sciences</i> : 18(3): 752-757(2005) |
| 18. | B. HEMLA NAIK, A. A. PATIL AND N. BASAVARAJ | Stability analysis in growth, yield and flower colour (Xanthophyll) in African marigold (<i>Tagetes erecta</i> L.) | <i>Karnataka Journal of Horticultural Sciences</i> 1(3): 28-36 (2005) |
| 19. | B. HEMLA NAIK, A. A. PATIL AND N. BASAVARAJ | Effect of nitrogen and phosphorus on xanthophyll Yield of African marigold (<i>Tagetes erecta</i> L.) | <i>Karnataka Journal of Horticultural Sciences</i> 1(3): 81-88 (2005) |
| 20. | BASAVARAJESHWARI C. PATIL, B. S. KULKARNI AND B. HEMLA NAIK | Growth and productivity of Blanket flower (<i>Gaillardia pulchella foug.</i>) as influenced by planting time | <i>Journal of Ornamental Horticulture</i> , 8 (2): 100-103, April-June, 2005 |
| 21. | B. HEMLA NAIK, NEELAM CHAUHAN, A. A. PATIL, V.S. PATIL AND B. C. PATIL | Comparative Performance of Gerbera cultivars Under Naturally Ventilated Polyhouse | <i>Journal of Ornamental Horticulture</i> , 9(3):204-207, July- September 2006 |

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| 22. | S. A. SAFEENA, V. S. PATIL and B. HEMLA NAIK | Response of drying in hot air oven on quality of rose flowers | <i>Journal of Ornamental Horticulture</i> , 9 (2): 114-117, April-June, 2006 |
| 23. | S. A. SAFEENA, V. S. PATIL and B. HEMLA NAIK | Standardization of stage of harvest for better quality of dry flower of rose | <i>Journal of Ornamental Horticulture</i> , 9 (2): 224-226, July-September 2006 |
| 24. | B C PATIL, B. HEMLA NAIK, AND NALAWADI, U G | Effect of time of planting on growth and flower yield of <i>Gaillardia</i> on red and black soils | <i>Karnataka Journal of Agricultural Sciences</i> : 21(3): 228-234; 2008 |
| 25. | B. C. PATIL, R M HOSAMANI, AND B. H. NAIK, | Effect of foliar application of micro nutrients on growth and yields components of tomato (<i>Lycopersicon esculentum</i> Mill.) | <i>Karnataka Journal of Agricultural Sciences</i> : 21(3): 428-430; 2008 |
| 26. | B. HEMLA NAIK, A. A. PATIL, B. A. PRADEEP KUMAR | Effect of nutrition on marigold xanthophylls | <i>International Conference on Horticulture</i> , November 9-12, 2009 Bangalore |
| 27. | B. HEMLA NAIK, J. VENKATESHA, B .A. PRADEEPKUMAR AND G. POORNIMA | INM Studies in African Marigold for Natural Carotenoid (Xanthophylls) | <i>International Conference on Horticulture</i> , November 9-12, 2009 Bangalore |
| 28. | B. HEMLA NAIK, G. POORNIMA, B. A. PRADEEPKUMAR, | Response of Marigold for Pinching and Foliar Application of Chemicals for Xanthophylls yield | <i>International Conference on Horticulture</i> , November 9-12, 2009 Bangalore |
| 29. | B. HEMLA NAIK, A. A. PATIL, D. THIPPESH, B A. PRADEEPKUMAR AND G.R. SATEESH | Stability Studies in African Marigold (<i>Tagetes erecta</i> L.) Genotypes for Xanthophylls | <i>International Conference on Horticulture</i> , November 9-12, 2009 Bangalore |
| 30. | G. GOPINATH, S. Y. CHANDREASHEKHAR AND B. HEMLA NAIK | Yield of carnation as influenced by levels of fertigation and sources of nutrients and economics of growing standard carnation var. 'Trendy' under cost effective greenhouse | <i>International Conference on Horticulture</i> , November 9-12, 2009 Bangalore; pp 940-941 |
| 31. | G. GOPINATH, S. Y. CHANDREASHEKHAR AND B. HEMLA NAIK | Growth, flowering and quality of standard carnation var Trendy as influenced by levels of fertigation and sources of nutrients under cost effective greenhouse. | <i>International Conference on Horticulture</i> , November 9-12, 2009 Bangalore; pp 942-943 |
| 32. | J. VENKATESH, D. MADIAH, AND HEMLA NAIK, B. | Management of spike shedding disorders in Black pepper (<i>Piper nigrum</i> L.) | <i>International Conference on Horticulture</i> , November 9-12, 2009 Bangalore; pp 1089-1090 |
| 33. | AMREEN TAJ, B. HEMLA NAIK AND V B SANATH KUMAR | Performance of gerbera (<i>Gerbera jamesonii</i> hook.) Genotypes under protected cultivation | <i>Plant archives</i> , 13(2);757-761; 2013 |
| 34. | AMREEN TAJ, B. HEMLA NAIK AND V B SANATH KUMAR | Standardization of holding solution for improving the keeping quality of gerbera genotype Naike | <i>Plant archives</i> , 13(2); 637-640; 2013 |
| 35. | TARANNUM, AND HEMLA NAIK , B. | Performance of carnation (<i>Dianthus caryophyllus</i> L.) Genotypes for qualitative and quantitative parameter to assess genetic variability among genotypes | <i>American International Journal of Research in Formal, Applied and Natural Sciences</i> ; 5(1), 96-101; December, 2013- February 2013 |
| 36. | BASAVARAJ, D. DALAWAI AND | Economics and profitability in carnation (<i>Dianthus caryophyllus</i> L.) Influenced by | <i>International Journal Agricultural Sciences & Veterinary Medicine</i> , 2(3), |

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| | B. HEMLA NAIK | integrated nutrient management | August, 2014 |
| 37. | BASAVARAJ, D. DALAWAI AND B. HEMLA NAIK | Integrated nutrient management studies in carnation (<i>Dianthus caryophyllus</i> L.) Cv. Soto under protected condition | International Journal Agricultural Sciences & Veterinary Medicine , 2(3), 18-24; August, 2014 |
| 38. | TARANNUM, B. HEMLA NAIK AND B. ZAHEER AHAMED | Evaluation of carnation (<i>Dianthus caryophyllus</i> L.) Genotypes under naturally ventilated polyhouse in Hilly zone of Karnataka | <i>Environment & Ecology</i> , 33(1A) 326-330; January-March, 2014 |
| 39. | TARANNUM, B. HEMLA NAIK AND B. ZAHEER AHAMED | Economic feasibility and profitability of carnation (<i>Dianthus caryophyllus</i> L.) cultivation under protected condition | International Journal of Science and Nature ; 5(2), 283-286; 2014 |
| 40. | TARANNUM, B. HEMLA NAIK , B. ZAHEER AHAMED | Studies on chemical preservatives Effect on vase life of carnation cut flower Cv. Soto | International Journal of Tropical Agriculture ; 32 (1-2) January-June 2014 |
| 41. | TARANNUM, B. HEMLA NAIK AND B. ZAHEER AHAMED | Response of carnation (<i>Dianthus caryophyllus</i> L.) Genotypes under Protected Cultivation | <i>Environment & Ecology</i> , 33(1A) 337-340; January-March, 2014 |
| 42. | B. HEMLA NAIK TARANNUM, AND AMREENTAJ | Floral pigments: Importance and Scope as an Industry | <i>National workshop on Floral Crafts- The Art and Technique for Value addition in Flowers</i> ; April 12-13, 2012, pp 67-71 ; NAU Navsari(Gujarat) |
| 43. | AMREENTAJ AND B. HEMLA NAIK | Floral Arrangements- Western (European) Styles | <i>National workshop on Floral Crafts- The Art and Technique for Value addition in Flowers</i> ; April 12-13, 2012, pp 124-126; NAU Navsari(Gujarat) |
| 44. | TARANNUM AND B. HEMLA NAIK | Dry Flower Technology & Export-Trustworthy Enterprise | <i>National workshop on Floral Crafts- The Art and Technique for Value addition in Flowers</i> ; April 12-13, 2012, pp 99-104; NAU |
| 45. | TARANNUM AND B. HEMLA NAIK | Genetic variability studies in different carnation genotypes | <i>Journal of Horticultural Sciences</i> , June-July 2014. |
| 46. | SHIVAYYA MATHAPATI, B. HEMLANAIK , SHIVAKUMAR, U. S | Standardization of drying level and time in microwave oven of gerbera var. Impireal | <i>The Ecoscan</i> ; An International Biannual Journal of Environmental Sciences 9(3&4): 695-697, 2015 |
| 47. | SHIVAYYA MATHAPATI B. HEMLA NAIK SURESH CHOUGALA | Standardization of drying temperature and time in hot air oven of gerbera var. impireal | <i>IJSR - International Journal of Scientific Research</i> ; Volume : 4 Issue : 12 December 2015 • ISSN No 2277 – 8179 ; pp22-24 |
| 48. | SHIVAYYA MATHAPATI, B HEMLA NAIK , ANAND NANJAPPANAVAR, | Quality Attributes as Influenced by Variety, Desiccant and Positioning for Dried Flower Suitability under Laboratory Conditions | <i>Indian Horticulture Journal</i> ; 6(1): 39-40, Jan-March (2016) ©Indian Society of Advanced Horticulture ISSN: 2249-6823 |
| 49. | SHIVAYYA MATHAPATI B. HEMLA NAIK SURESH CHOUGALA AND SAVITHA K H | Physical attributes as influenced by variety, Desiccant and positioning for dried flower suitability under laboratory condition | <i>International Journal of Current Research</i> ; Jan 2016, Vol 8(1);pp25888-25890; Jan 2016; ISSN0975-833X |