

Basic Details of Staff for updating Website

Name : Bhausahab Vithoba Naikwadi



Category (*Technical / Administration / SSS*): **Technical**

Designation : Technical Officer (T-5)

Department : Horticulture/ PME Cell

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Joining date in ICAR (dd/mm /yyyy): 23/02/2015

Joining date at ICAR-NRCP, Solapur: 24/02/2021

Institutional activities:

- Mainly involved in Research support activities of ICAR-NRCP, Solapur related to Horticulture research.
- Involved in documentation work in PME Cell viz. arrangement of RAC, IRC, MOU, RPP, council letter & other works related to PME cell. Work as a one of the committee member of PME Cell committee. Assisted in reporting of monthly achievement work done by ICAR-NRCP, Solapur.
- Work as member of Staff Welfare Club (SWC) of ICAR-NRCP, Solapur.
- Work as a member of IJSC in technical category.
- Work as a member of CJSC of ICAR-NRCP, Solapur.

Achievements:

1. **Significant research achievement:** Assisted in development of a simple and low-cost laboratory rearing technique for pink bollworm, *Pectinophora gossypiella* using detached green bolls of cotton.
2. **Report of Parasitoid:** Assisted in first time report of Parasitoid *Pseudoleptomastix mexicana* parasitizes *Paracoccus marginatus* in Central India.
3. **Sport Activities:** Participated in ICAR West Zone Sport Tournament which was conducted by ICAR-Central Wool, Sheep and Goat Research Institute, Avikanagar, Rajasthan during 14-18, November, 2019 won Gold medal in table tennis and qualify ICAR-Interzonal Sport Meet which will be conducted by ICAR- National Dairy Research Institute (NDRI), Karnal, Haryana.

4. **Sport Activities:** Participated in ICAR West Zone Sport Tournament which was conducted by ICAR- IGFRI Jhansi (U.P) during 5-8 October, 2018 and won Silver medal in table tennis and Bronze medal in Long Jump event.

5. **ICAR Cash Award Scheme:** The Director ICAR-CICR, Nagpur recommended my nominations for the ICAR Cash Award Scheme, 2019 for Technical staff from ICAR-Central Institute for Cotton Research, Nagpur.

6. **Publication Details:** Summary of publications given below

Sr. No.	Name of Particular	Number
1.	Research paper published	27
2.	Popular articles published	4
3.	Articles published in Newspaper	5
4.	Abstract published	National -4, International-4
5.	Book Chapter published	7
6.	Extension leaflet published	1
7.	Training attended	6

Awards / Recognitions (Five only) :

- I won Best employees award for outstanding contribution in the technical category for the year 2018-19 in 43rd foundation day of ICAR-CICR, Nagpur on 1st April 2019.
- I won Best employees award for outstanding contribution in the technical category for the year 2022-23 in 19th foundation day of ICAR-NRCP, Solapur on 25th September, 2023.
- **Google citations:**
 - ❖ Citations-356
 - ❖ h-index-10
 - ❖ i10 index-11

Publication :

Sr. No	Publication	NAAS RATING
1.	Fand Babasaheb B. , Nagrare V. S., Bal S. K., Naik V. Chinna Babu, Naikwadi B. V. , Mahule D. J., Gokte Narkhedkar Nandini & Waghmare V. N. (2021) Degree day based model predicts pink bollworm phenology across geographical locations of subtropics and semi arid tropics of India. Scientific Reports 11:436 https://doi.org/10.1038/s41598-020-80184-6 . Scientific reports-Nature 2021; 11(1):1-18.	10.01
2.	Fand B. B., Nagrare V. S., Deshmukh Vrushali, Naikwadi B. V. , Gokte-Narkhedkar Nandini & Waghmare V. N. (2019). A simple and low-cost laboratory rearing technique for pink bollworm, <i>Pectinophora gossypiella</i> (Suanders) (Lepidoptera: Gelechidae) using detached green bolls of cotton. <i>Phytoparasitica</i> https://doi.org/10.1007/s12600-019-00779-2 . Published online: December, 2019. (NAAS ID P075)	7.50

3.	Nagrare V. S., Fand B.B., Naikwadi B. V. & Deshmukh Vrushali (2019). Potential risk of establishment and survival of cotton aphid <i>Aphis gossypii</i> in India based on simulation of temperature-dependent phenology model. <i>International Journal of Pest Management</i> . https://doi.org/10.1080/09670874 . Published online: 05 Aug 2019. (NAAS ID I300)	7.10
4.	Babasaheb B. Fand & V. S. Nagrare & S. P. Gawande & D. T. Nagrale & B. V. Naikwadi & Vrushali Deshmukh & Nandini Gokte-Narkhedkar & V. N. Waghmare, (2019) “Widespread infestation of pink bollworm, <i>Pectinophora gossypiella</i> (Saunders) (Lepidoptera: Gelechiidae) on Bt cotton in Central India: A new threat and concerns for cotton production” <i>Phytoparasitica</i> https://doi.org/10.1007/s12600-019-00738-x . Published online: 1 June 2019.	7.50
5.	V. S. Nagrare, Babasaheb B. Fand , V.Chinna Babu Naik, Bhauasaheb Naikwadi & Vrushali Deshmukh & Dharmendra Sinh (2019) “Resistance development in Cotton mealy bug, <i>Phenacoccus solenopsis</i> Tinsley (Hemiptera: Pseudococcidae) to insecticides from Organophosphate, Thiadiazines and Thiourea derivatives”. <i>International Journal of Tropical Pest Science</i> ; DOI 10.1007/s42690-019-00068-9. Published online: 15 November 2019.	6.66
6.	Nagrare V.S., Naikwadi B , Deshmukh V. and Kranthi S. 2018. Biology and population growth parameters of the cotton mealybug, <i>Phenacoccus solenopsis</i> Tinsley (Hemiptera: Pseudococcidae), on five host plant species. <i>Animal Biology</i> , 68, 333–352.	6.90
7.	Nagrare V. S., Deshmukh Vrushali, Naikwadi Bhauasaheb , Bhoyar Pares and Khadakkar Suvarna (2015) Spider diversity in transgenic and non-transgenic cotton in rainfed agro ecosystem of central India. <i>Res. J. Biotech</i> 10 (12):76-84.	6.20
8.	Bhauasaheb Naikwadi and Samadhan Javalage (2019) “Study of morphological characters of important predatory fauna found in kharif Agro-ecosystem from the region, Akola, Maharashtra, India” <i>Journal of Entomology and Zoology Studies</i> 2019; 7(5): 976-983. (NAAS ID J187).	5.53
9.	Nagrare V. S., Fand B.B., Naikwadi B. V. & Deshmukh Vrushali (2019) Potential risk of establishment and survival of cotton aphid <i>Aphis gossypii</i> in India based on simulation of temperature-dependent phenology model. <i>International Journal of Pest Management</i> . https://doi.org/10.1080/09670874 . Published online: 05 Aug 2019. (NAAS ID)	7.10
10.	NAGRARE V. S.*, NAIKWADI Bhauasaheb , GOKTE-NARKHEDKAR Nandini and WAGHMARE V. N., FAND Babasaheb B., NAIK V. Chinna Babu, TENGURI Prabhulinga. 2025. Seasonal population trend and relative occurrence of pests and their natural enemies among cotton species and cultivars in India. <i>Journal of Cotton Research</i> . 8(12); 1-15. https://doi.org/10.1186/s42397-025-00214-4 . (NAAS Rating: 9.10)	8.40