# RESUME

**NAME: Dr. Sanjay Bairagi**

**DESIGNATION: Assistant Professor in Horticulture**

**CONTACTS: 7980960428**


**1. OFFICIAL ADDRESS FOR CORRESPONDENCE:**
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**4.ORCID ID: Bairagisanjay1@mis**

**5.GOOGLE SCHOLAR PROFILE: NA**

**6.RESEARCHGATE PROFILE: snbdumdum@gmail.com**


**7.DATE OF BIRTH: 04.04.1989**

**8.DATE OF JOINING TO THE UNIVERSITY: 16.10.2015**

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## 9. ACADEMIC PROFILE:

| LEVEL | NAME OF THE DEGREE WITH DISCIPLINE/ DEPARTMENT | INSTITUTE | YEAR OF PASSING |
|---|---|---|---|
| DOCTORAL | Vegetable Science | BCKV | 2022 |
| MASTER'S | Vegetable Science | BCKV | 2014 |
| BACHELOR'S | Horticulture | BCKV | 2012 |

## 10. EMPLOYMENT HISTORY:(Starting from present position)

| POSITION | ORGANIZATION | PERIOD | |
|---|---|---|---|
| | | From (Date) | To (Date) |
| Assistant Professor in Horticulture | College of Agriculture, Susunia, Bankura | 16.10.2015 | Till date |
| | | | |

## 11. ADMINISTRATIVE POST(S)/ RESPONSIBILIY(IES) (IF ANY)

| SL. NO. | NAME OF THE POST(S)/ RESPONSIBILITY(IES) | PERIOD | |
|---|---|---|---|
| | | From (Date) | To (Date) |
| 1. | Teacher-in-Charge | July, 2018 | December, 2018 |

## 12. AREA OF RESEARCH : (Bulleted list)

- Vegetable Science
- Horticulture

**13. COURSES ASSOCIATED WITH:**

| LEVEL | COURSE NO. | COURSE TITLE | CREDIT |
|---|---|---|---|
| UNDERGRADUATE | HORT-107 | Fundamentals of Horticulture | 2 (1+1) |
| | HORT-209 | Production Technology for Vegetables and Spices | 2 (1+1) |
| | HORT (A)-259 | Production Technology for Fruit and Plantation crops | 2 (1+1) |
| | HORT-309 | Production Technology of Ornamental Crops, MAP and Landscaping | 2 (1+1) |
| | HORT(A)-357 | Post Harvest Management and Value addition of Fruits and Vegetables | 2 (1+1) |
| | FSN-359 | Principles of Food Science and Nutrition | 2 (2+0) |
| | ELP- 453 | Mushroom Cultivation | 10 (0+10) |
| | ELP- 456 | Organic Production | 10 (0+10) |
| POST GRADUATE | VSC-501 | Production of Cool Vegetable Crops | 3 (2+1) |
| Ph.D. | NA | | |

**14. NUMBER OF STUDENTS SUPERVISED:**
**Master's.: 1, Doctoral : NA**

**15. PROJECT ACTIVITIES**

| SL. NO. | TITLE OF THE PROJECT | FUNDING AGENCY | ONGOING/ COMPLETED | PI/ Co-PI |
|---|---|---|---|---|
| 1 | Establishment of mother block of major and minor fruits for generation of elite planting materials and public motivation for utilization of fallow up lands in Paschimanchal for income generation. | ATMA, Dept. Of Agriculture, GoW.B, Bankura. | Completed | PI |
| 2 | Bio-efficacy and Phytotoxicity of UPF-1317 against Early Blight of Potato Crop | UPL Limited | Completed | Co-PI |
| 3 | Use of Agro Textiles as prospective mulching material to test the suitability of nango based intercropping system towards increasing crop productivity and promotion of livelihood security for the backward farming community of Red and Laterite Zones of West Bengal | National Textiles Mission , Ministry of Textiles, Government of India | Ongoing | Co-PI |
| 4 | Evaluation of bio-efficacy of G-5 | M/S Swaroop | Ongoing | Co-PI |

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|---|---|---|---|---|
| | foliar, Chargex, Swa-Urja and Humigel in Tomato, Okra, Cowpea and Brinjal | Agrochemicals Industries | | |

**16. CAPACITY BUILDING/FACULTY DEVELOPMENTPROGRAMME ORGANIZED : NA**

| SL. NO. | NAME OF THE PROGRAMME | DURATION | PLACE | ROLE |
|---|---|---|---|---|
| | | | | |

**17. SEMINAR/ SYMPOSIUM/ WORKSHOP etc ORGANIZED:**

| SL. NO. | NAME OF THE PROGRAMME | DURATION | PLACE | ROLE |
|---|---|---|---|---|
| 1 | National Seminar on " Vegetable for Livelihood and Nutritional Security Under Changing Climate Scenario" | 6-7 December, 2018 | Department of Vegetable Science, Faculty of Horticulture, BCKV | Member of the Core Organizing Committee |

**18. PATENTS/ HONOURS/ AWARDS/ RECOGNITION (Bulleted list):**

- **Received Young Scientist Award in 2021**

**19. INTERNATIONAL COLLABORATIONS/ INVOLVEMENT, IF ANY (Bulleted list):**

- **NA**

**20. PUBLICATIONS**

**A. BOOKS (NA)**

**B. RESEARCH PAPERS (Best 10)**

i. Sidhya, P., Pandit, M. K., Bairagi, S. and Shyamal, M. (2015). Effect of mycorrhizal inoculation, organic manure and inorganic fertilizers on growth and yield of okra (*Abelmoschusesculentus* (L.) Moench). Journal of Crop and Weed, **11**: 10-13.

ii. Adhikary, S., Pandit, M. K., Koundinya, A. V. V., Bairagi**, S.** and Das, A. (2015). Examination of system productivity and profitability of baby corn based vegetable intercropping systems. Journal of Crop and Weed, **11 (1)**: 220-224.

iii. Bairagi, S., Pandit, M. K., Sidhya, P., Adhikary, S. and Koundinya, A.V.V. (2015). Impacts of date of planting and crop geometry on growth and yield of baby corn (*Zea mays* var. *rugosa*). **11 (2):** 127-131.

iv. Bairagi, S., Nath, P.S., Pandit, M. K. and Das, A. (2019). Gherkin Downy Mildew Disease and Its Response to Different Fungicides. International Journal of Current Microbiology and Applied Science, **8 (3):** 844-850.

v. Bairagi, S., Saha, A., Pandit, M. K. and Das, A. (2020). Phenology and Yield of Baby Corn (*Zea mays* var.*rugosa*) as Influenced by Thermal Regime. International Journal of Current Microbiology and Applied Science, **9 (10):** 1361-1369.

vi. Barman, D., Choudhuri, P. and Bairagi, S. (2021). Intercropping in broccoli (*Brassica oleracea L. var. italica).* Journal of Crop and Weed, **17 (3)**: 241-245.

vii. Ghosh, P., Choudhuri, P., Bairagi, S. and Manta, S. (2023). Sustainable Production of Bell Pepper in West Bengal. Indian Journal of Ecology, **50 (3):** 695-699.

viii. Mukherjee, D., Mandal, A. R., Chatterjee, S., Sengupta, S., Islam, Sk. M., Kundu, S., Banerjee, S., Bairagi**,** S. and Chattopadhyay, A. (2023). Genetics of qualitative and quantitative traits in crosses involving cherry and purple tomato genotypes. Crop Breeding and Applied Biotechnology, **24 (1):** e46302416.

ix. Mukherjee, D., Chatterjee, S., Mandal, A. R., Lalramhlimi, B., Islam, Sk. M., Kundu, S., Bairagi, S., Chakraborty, I., Mandal, A. K. & Chattopadhyay, A. (2024). Purple standard tomato and cherry tomato crosses could enhance phytonutrient contents and tolerance to tomato leaf curl virus disease. International Journal of Vegetable Science, DOI: 10.1080/ 19315260.2023.2298685.

x. Bairagi, S., Choudhuri, P., Mallick, R. G., Baul, D., Chatterjee, S., Mandal, A. K. and Chattopadhyay, A. (2024). Breeding potential of eggplant genotypes for mosaic virus disease tolerance using multivariate analysis. International Journal of Vegetable Science, DOI: 10.1080/19315260.2024.2427828.


15.05.2025

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Signature with Date