

# RESUME

**NAME:** PRANAB DEBNATH

**DESIGNATION:** ASSISTANT PROFESSOR

**CONTACTS:**

1. **OFFICIAL ADDRESS FOR CORRESPONDENCE:**

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5. **GOOGLE SCHOLAR PROFILE:** [https://scholar.google.com/citations?user=I\\_B2LjYAAAAJ&hl=en](https://scholar.google.com/citations?user=I_B2LjYAAAAJ&hl=en)

6. **RESEARCHGATE PROFILE:** <https://www.researchgate.net/profile/Pranab-Debnath>

7. **DATE OF BIRTH:** 25/04/1983

8. **DATE OF JOINING TO THE UNIVERSITY:** 21/10/2014



## 9. ACADEMIC PROFILE:

| LEVEL      | NAME OF THE DEGREE WITH DISCIPLINE/ DEPARTMENT | INSTITUTE | YEAR OF PASSING |
|------------|--|-----------|-----------------|
| DOCTORAL   | Ph. D. (Agricultural Entomology)               | B.C.K.V.  | 2014            |
| MASTER'S   | M.Sc. (Agriculture) in Agricultural Entomology | B.C.K.V.  | 2009            |
| BACHELOR'S | B. Sc. (Agriculture) Hons                      | B.C.K.V.  | 2007            |

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

| POSITION                 | ORGANIZATION                              | PERIOD      |            |
|--------------------------|---|-------------|------------|
|                          |   | From (Date) | To (Date)  |
| Assistant Professor      | Vice-Chancellor, BCKV                     | 21.10.2014  | Continuing |
| Block Technology Manager | ATMA-Nadia (Krishnagar II Block)          | 03.03.2014  | 20.10.2014 |
| Block Technology Manager | ATMA-South 24 Parganas (Bhangore I Block) | 18.03.2014  | 28.02.2014 |

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

| SL. NO. | NAME OF THE POST(S)/ RESPONSIBILITY(IES)                                      | PERIOD                       |                             |
|---------|---|------------------------------|-----------------------------|
|         |   | From (Date)                  | To (Date)                   |
| 1.      | Acted as Part-time <b>Provost</b> for the Borlaug Abas (International Hostel) | 09 <sup>th</sup> March, 2015 | 21 <sup>st</sup> June, 2021 |
| 2.      | Acted as Part-time <b>Provost</b> for the Nazrul Abas                         | 21 <sup>st</sup> June, 2021  | till date                   |

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

- Eriophyoid mite taxonomy
- Economic entomology

**13. COURSES ASSOCIATED WITH:**

| LEVEL                | COURSE NO.  | COURSE TITLE   | CREDIT |
|----------------------|-------------|--|--------|
| <b>UNDERGRADUATE</b> | AEN104      | Fundamentals of Agricultural Entomology I                    | 2+1    |
|                      | AEN(H) 104  | Fundamentals of Agricultural Entomology I                    | 2+1    |
|                      | AEN (H) 210 | Non-insect Pests of Horticultural Crops and their Management | 1+1    |
|                      | AEPP 306    | Principals of Integrated Pest and Disease Management         | 2+1    |
| <b>POST GRADUATE</b> | ENT 503     | Insect Taxonomy  | 2+1    |
|                      | ENT 513     | Principles of Acarology                                      | 1+1    |
| <b>Ph.D.</b>         | ENT 608     | Acarology  | 1+1    |
|                      | ENT 601     | Insect Phyligeny and Systematics                             | 1+2    |

**14. NUMBER OF STUDENTS SUPERVISED:**

Master's. 11

Doctoral. 5 (Pursuing)

**15. PROJECT ACTIVITIES**

| SL. NO. | TITLE OF THE PROJECT   | FUNDING AGENCY                    | ONGOING/ COMPLETED | PI/ Co-PI |
|---------|--|-----------------------------------|--------------------|-----------|
| 1       | Evaluation of bio-efficacy of MAINA-3 on rose for the control of Two spotted spider mite, <i>Tetranychus urticae</i> (Koch)                | M/s ADAMA India Private Ltd.      | COMPLETED          | PI        |
| 2       | Evaluation of bio-efficacy of IIL-BUPFPRO on paddy crop for the control of brown plant hoppers and leaf folder                             | Insecticides India Ltd            | COMPLETED          | PI        |
| 3       | Evaluation of Triazophos 40 % EC against pest of rice and soybean  | M/s Agro Life Science Corporation | COMPLETED          | Co-PI     |
| 4       | Two seasons efficacy, phyto-toxicity and effect on Natural Enemy studies with Gaucho (Imidacloprid 600 FS) as seed treatment on Black gram | M/S Bayer CropScience Ltd.        | COMPLETED          | PI        |
| 5       | Evaluation of Bio-efficacy of Chlorpyrifos 20% EC on Brinjal   | M/S Meghmani organics limited     | COMPLETED          | PI        |

|           |   |  |           |       |
|-----------|---|--|-----------|-------|
| <b>6</b>  | Bio-efficacy and phytotoxicity of MAIRM-22 on Brinjal against fruit and shoot borer   | M/s ADAMA India Private Ltd.                                     | COMPLETED | PI    |
| <b>7</b>  | Capacity enhancement of Commercial Apiculture Unit of BCKV for scientific honey production and marketing through Sufal Bangla, Dept. of Agricultural Marketing, Government of West Bengal     | Dept. of Agricultural Marketing, Govt. of West Bengal under RKVY | ONGOING   | Co-PI |
| <b>8</b>  | Infrastructure upscaling of Commercial Apiculture Unit of BCKV for Scientific Honey Production and Marketing through Sufal Bangla, Dept. of Agricultural Marketing, Government of West Bengal | Dept. of Agricultural Marketing, Govt. of West Bengal under RKVY | ONGOING   | Co-PI |
| <b>9</b>  | Evaluation of CCP-003 against Stem Borer of Rice  | M/S Crystal Crop Protection Limited                              | COMPLETED | PI    |
| <b>10</b> | Evaluation of Bio-efficacy and phytotoxicity of Bifenthrin 8 % SC against red spider mite and mosquito bug on tea   | M/S RAINBOW AGROSCIENCES PVT LTD.                                | COMPLETED | PI    |
| <b>11</b> | Evaluation of bioefficacy and phytotoxicity of BAS 550 01 I SC against White fly and Aphids on Chilli   | M/S BASF India Limited   | COMPLETED | PI    |
| <b>12</b> | Evaluation of bioefficacy and phytotoxicity of BAS 441 01 I against sucking pests on Cucurbits  | M/S BASF India Limited   | COMPLETED | PI    |
| <b>13</b> | Evaluation of FA-4 against Yellow stem borer, Leaf folder and Plant hoppers on Rice   | M/S Sulphur mills limited  | COMPLETED | PI    |
| <b>14</b> | Efficacy of E2Y45 600SC g/l against tomato fruit borer ( <i>Helicoverpa armigera</i> ) and fall armyworm ( <i>Spodoptera frugiperda</i> )   | M/S FMC India Privet Limited                                     | COMPLETED | PI    |

|           |  |   |           |    |
|-----------|--|---|-----------|----|
|           | on tomato  |   |           |    |
| <b>15</b> | Evaluation of bioefficacy of Tetraniliprole 120 g/L + Spirotetramat 240 g/L SC (Vayego Care) against Fruit and shoot borer, White fly, Mites and Aphids of Okra                  | M/S Bayer CropScience Ltd.                | COMPLETED | PI |
| <b>16</b> | Bio-efficacy and phytotoxicity of Metaldehyde 5% GB against pests of Rubber and Tea  | M/S Sharda Cropchem Limited               | COMPLETED | PI |
| <b>17</b> | Evaluation of bioefficacy & phytotoxicity of Novoluron 5.25% + Emamectine benzoate 0.9% SC against Borers ( <i>Helicoverpa armigera</i> and <i>Spodoptera litura</i> ) in Chilli | M/S ADAMA India Pvt. Ltd                  | COMPLETED | PI |
| <b>18</b> | Evaluation of bioefficacy & phytotoxicity of Novaluron 5.25 % + Indoxacarb 4.5 % SC against Borers ( <i>Helicoverpa armigera</i> and <i>Spodoptera litura</i> ) in Chilli        | M/S ADAMA India Pvt. Ltd                  | COMPLETED | PI |
| <b>19</b> | Evaluation of bio-efficacy and phytotoxicity of insect pests on groundnut and sugarcane  | M/S Tagros Chemicals India Ltd.           | COMPLETED | PI |
| <b>20</b> | Evaluation of bioefficacy & phytotoxicity of Dammu against stem borer, leaf folder and mite pests rice   | M/S Indofil Industries Ltd.               | ONGOING   | PI |
| <b>21</b> | Evaluation of bioefficacy of Chlorantraniliprole 0.6 % + Thiamethoxam 1.25 % + Fipronil 1.25 % GR against Rice stem borer and leaf folder  | M/S Tropical Agrosystem (India) Pvt. Ltd. | ONGOING   | PI |

**16. CAPACITY BUILDING/FACULTY DEVELOPMENT PROGRAMME ORGANIZED**

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

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

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

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

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


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**20. PUBLICATIONS**

**A. BOOKS**

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

- Debnath, P. and Karmakar, K. (2013) Garlic mite, *Aceria tulipae* (Keifer) (Acari: Eriophyoidea) a threat for garlic in West Bengal, India. International Journal of Acarology, 39:2, 89-96
- Karmakar, K. Debnath, P. and Patra, S. (2014) Etoxazole: A new novel acaricide molecule for effective management of tea red spider mite, *Oligonychus coffeae* (Nietner). Research on Crops, 15 (3): 662-669.
- Debnath, P. and Karmakar, K. (2015) Description of a new species of Phyllocoptruta (Acari: Eriophyoidea) on *Azadirachta indica* from West Bengal, India. Persian Journal of Acarology, 4 (3): 297-304.
- Debnath, P. and Karmakar, K. (2016) Eriophyoid mites From Eastern India: Description of three new species (Acari: Eriophyoidea). Zootaxa. 4061, (5): 553-568.
- Karmakar, K. and Debnath, P. (2016) Impact of organic-inorganic nutrients combination in rice on the occurrence of *Steneotarsonemus spinki* Smiley (Acari: Tarsonemidae) in West Bengal, India. Persian Journal of Acarology, 5 (1): 71-80
- Debnath P. and Roy, D. (2018) First Record of *Megaselia scalaris* (Loew) as a Potential Facultative Parasitoid of *Apis mellifera* in India. Asian Journal of Biology, 7(1): 1-9
- Pal, S. and Debnath, P. (2020) Seasonal incidence of major insect pests and predators of mustard in lower gangetic plains of West Bengal. Journal of Entomology and Zoology Studies, 8(6): 1424-1430
- Debnath, P. and Pal, S. (2021) Population dynamics of mustard aphids (*Lipaphis erysimi*) with relation to some micro-meterological parameters. Journal of Pharmacognosy and Phytochemistry, 10(1): 879-884
- Pramanik, S., Debnath, P., Pandit, M. K., Gupta, A. K. and Naskar, M. K. (2022) Fruit fly species diversity, population dynamics and infestation rate during fruiting season of snake gourd. South African Journal of Botany, 145: 303-312
- Dey, S. & Debnath, P. (2024) Descriptions of two new species of eriophyoid mites (Acari, Eriophyoidea) from New Alluvial Zone, West Bengal, India. Persian Journal of Acarology, 13(2): 243-251.

 07.03.2025

Signature with Date