

CARICULUM VITAE

(as on 17.03.2025)

Dr. PRAHLAD DEB

Born: 9th January, 1981

Assistant Professor (III), Dept. of Horticulture & PHT, and
Associate Dean, Institute of Agriculture
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Academic qualification:

B. Sc. (Horticulture) Hons. (2003) from UBKV, Pundibari, Cooch Behar

M. Sc. Horticulture (**Vegetable & Spice Crops**) (2005) from UBKV, Pundibari, Cooch Behar

Ph. D. Horticulture (**Pomology & Postharvest Technology**) (2010) from UBKV, Pundibari, Cooch Behar

NET in Horticulture (ICAR, New Delhi) (2008)

NET in Horticulture (ICAR, New Delhi) (2009)

Teaching experience: *Fourteen years*

Engaged in teaching of different courses of B.Sc. (Hons.) Agriculture., M. Sc. Horticulture (Fruit Sci./Veg. Sci) and Ph.D. Horticulture since last fourteen years.

Research experience: *Sixteen years*

- Served as Research Associate at NRC for Orchids, Pakyong, Sikkim for about two years.
- Actively engaged in research at Visva-Bharati since joining including guiding PG (23 as major advisor) and Ph.D. students (6 awarded, and 4 working) and collaborative research with IIT Kharagpur, BARC (Trombay), Indian Forest Research Institute (Dehradun), BCKV(Nadia, WB), OUAT (Bhubaneswar), UBKV (Pundibari, WB), NBU (Siliguri, WB) etc.

Extension activities:

Actively involved in extension work of the Institute for implementing transfer of technology programme since joining Visva-Bharati. This includes organizing students and farmers in undertaking extension programme, Radio programme, T. V. programme etc., Kisan Mela, preparing extension literatures and also participating in various training programmes (organized by KVK, IFFCO, NABARD, Government of West Bengal, N.G.Os etc.) with special reference to Horticulture and allied Agricultural sciences.

Research projects handled:

- **Principal Investigator** of research project (2013-17) entitled “Effect of irradiation and packaging on Sapota fruits (*Achras zapota* L.) under different storage condition”, funded by Department of Atomic Energy, Govt. of India (DAE/BRNS) (Total funding Rs. 30,00,000/-).
- **Principal Investigator** of research project (2014-2020) entitled “Leaf Tissue Analysis Laboratory” funded by National Horticulture Mission, Govt. of India through Dept. of Food Processing Industries and Horticulture, Govt. of WB (Total funding Rs. 20,00,000/-).

Publications:

- **Full length papers: 78**
- **Books:5**
- **Book chapters: 20**
- **Practical manual: 8**
- **Book chapters in regional language: 10**
- **Popular article in leading daily: 2**

- Full length proceedings:7
- Technical bulletin: 8

Academic/professional distinctions/engagements:

1. Life Member of the following professional societies:
 - Indian Academy of Horticultural Science (formerly The Horticultural Society of India), New Delhi
 - The Society for Promotion of Horticulture, Bangalore
 - Fruit Science Society of Bangladesh, Mymensingh, Bangladesh
 - Society for Development of Subtropical Horticulture, Lucknow
 - Hort Flora Research Spectrum, Meerut, Uttar Pradesh
 - Crop & Weed Science Society, BCKV, Nadia, WB
 - Journal of Bio-resource and Stress Management, Kolkata
 - Society for Bioresource, Environment and Agricultural Research
 - Society for Biotic Research
2. Founder Member of International Society for Minor Fruits, Medicinal and Aromatic Plants, Hq.: Sri Lanka
3. Associate Editor, International Journal of Minor Fruits, Medicinal and Aromatic Plants
4. Member of International Society for Horticultural Sciences, Belgium
5. Associate Dean, Institute of Agriculture, Visva-Bharati, Sriniketan, West Bengal
6. Acting as Teacher In-charge, Horticultural Laboratories, Deptt. of Horticulture & PHT, Institute of Agriculture (Palli Siksha Bhavana), Visva-Bharati since November, 2012
7. Post Graduate Co-ordinator, Dept. of Horticulture & PHT, Palli Siksha Bhavana, Visva-Bharati, Sriniketan since November, 2012.
8. Thesis Adjudicator in University of Calcutta, Uttar Banga Krishi Viswavidyalaya, Pundibari, Bidhan Chandra Krishi Viswavidyalaya
9. Reviewer of Scientia Horticulture (Elsevier), Vegetos (Springer Nature), Applied Fruit Science (Springer Nature), Proceedings of Indian National Science Academy (Springer Nature), Plant Physiology Reports (Springer Nature), The Journal of Horticultural Sciences, Indian Journal of Plant Genetic Resources.

Research Guidance: Actively engaged in research at Visva-Bharati since joining including guiding PG (23 as major advisor) and Ph.D. students (6 awarded and 4 working).

Title of Thesis/Dissertation	Name of the Scholar	Date of submission	Date of award
Ph.D. Thesis			
Studies on Integrated Nutrient Management, Cultural Strategies and Postharvest Management of Pineapple (cv. Kew)	Smt. Perna Barailly	22.12.2018	01.10.2019
Effect of processing on nutraceutical properties of Kachai lemon (<i>Citrus jambhiri</i>) and Tree bean (<i>Parkia roxburghii</i>) – Nutritionally potential crops of North East India	Smt. Mayengbam Premi Devi	22.12.2018	02.07.2019
Effect of silver nanoparticle on growth, yield, quality and management of purple blotch disease in onion (<i>Allium cepa</i> L.)	Sri Ratan Das	22.12.2018	02.07.2019
Genetic variation in yield components, quality characters and character association in tomato (<i>Solanum lycopersicum</i> L.)	Sri. Jayanta Choudhury	09.09.2017	13.01.2018
Characterization of Jackfruit (<i>Artocarpus heterophyllus</i> Lam.) Genotypes in Northern Tripura	Sri Abhijit Debnath	31.08.2022	05.09.2023
Studies on Diversity of Jamun [<i>Syzygium cumini</i> (L.) Skeels] Genotypes under Western Dry Tract of West Bengal	Sri Agniva Halder	28.04.2023	23.12.2023
M.Sc. (Ag.) Horticulture Thesis			
Morphological expression and oxidative damage in acid lime (<i>Citrus aurantifolia</i> Swingle) as response to lead toxicity	Madhurima Das Sarkar	08.11.2022	18.05.2024
Morpho-Biochemical Expression in Mandarin Orange (<i>Citrus reticulata</i> Blanco) Seedlings as Influenced by Zinc Stress and Toxicity	Pradipto Kumar Mukherjee	16.11.2021	23.05.2023

Studies on Physico-chemical Characters of Some Local Date Palm (<i>Phoenix sylvestris</i> Roxb.) Genotypes	Madhu Kumar	16.11.2021	23.05.2023
Effect of Some Leaf Extracts on Germination and Seedling Growth of Papaya (<i>Carica papaya</i> L.)	Pravin Kumar	05.07.2022	08.07.2022
Effect of Zinc Sulphate on Early Growth of Banana Plants (cv. Grand Naine)	Gaidinglunliu Gonmei	05.07.2022	08.07.2022
Effect of Juice Content and Different Concentrations of Sugar on Storage of Orange Squash	Durge Dansena	05.07.2022	08.07.2022
Effect of Plant Growth Regulators on Early Growth of Banana Plants (cv. Grand Naine)	Dhananjay Sinha	05.07.2022	08.07.2022
Studies on Preparation and Quality Assessment of Orange (<i>Citrus reticulata</i>) Peel Candy	Rakesh Kumar	27.08.2021	31.08.2021
Studies on Diversity of Some Local Jamun (<i>Syzygium cumini</i> Skeels) Genotypes	Sujeet Kumar Patel	28.08.2021	31.08.2021
Studies on Fruit Physico-chemical Characters of Some Jackfruit Genotypes	Sohan Kumar Sahu	19.09.2020	28.09.2020
Morphological and Fruit Physico-chemical Studies on Wood apple (<i>Limonia acidissima</i> L.) Genotypes	Buddhisatya Dowarah	14.06.2019	18.06.2019
Effect of sugar concentrations on quality pineapple squash under storage	Kanne Sushmitha	14.06.2019	18.06.2019
Effect of presowing seed treatments on seed germination and seedling growth of papaya	Gangaram Rana	14.06.2019	18.06.2019
Effect of sugar concentrations on osmotic dehydration of pineapple (<i>Ananas comosus</i> L. Merr.) var. Kew	Akula Rahim	12.05.2018	12.05.2018
Effect of edible coating on shelf life of fresh pomegranate arils	Kumar Abhishek	12.05.2018	12.05.2018
Effect of foliar application of zinc and boron on yield and quality of pineapple cv. Mauritius	Usha Kumari	04.05.2017	15.05.2017
Effect of fruit bagging on physico- chemical properties of pineapple cv. Mauritius	Shwet Prabha	15.05.2017	15.05.2017
Effect of fruit bagging on yield and quality of tomato	Deveshwar Prasad Patel	05.05.2017	15.05.2017
Effect of pre flowering spray of micro nutrients on flowering and fruit set of mango cv. Amrapalli	Soheli Reza	28.05.2016	30.05.2016
Effect of drying method and pre drying treatments on quality of wood apple pulp powder	Sneha	15.06.2015	15.06.2015
Effect of tinting and vase solution on value addition and vase-life of tuberose cv. Prajwal	Sweta Kumari	15.06.2015	15.06.2015
Effect of different mulches on the vegetative growth and runner production of Strawberry under red and lateritic zone of West Bengal	Derani K. Sangma	23.06.2014	28.06.2014

Participation in Capacity building training, seminar/symposium, workshop others :

Details of the programme CAPACITY BUILDING TRAININGS/ WORKSHOPS/ Others	Level (Local / National / International)	Period		Citation of paper presented, if any
		From (DD/MM/YYYY)	To (DD/MM/YYYY)	
Two Week National Workshop on “Statistical Techniques and Practices for Applied Statisticians and Data Scientists”, 15 – 28 th February, 2024, Deptt. of Agril Statistics, Institute of Agriculture, Visva-Bharati	National	15.02.2024	28.02.2024	Participated and successfully completed the workshop
14 Days National Workshop on “Understanding Python and its Application in Research & Development”, 27 th September to 10 th October’ 2023, AKD Centre, Visva-Bharati, Santiniketan	National	27.09.2023	10.10.2023	Participated and successfully completed the workshop
10 Days Virtual Workshop on “Applications of Bioinformatic Tools in Agricultural	National	20.09.2021	30.09.2021	Participated and successfully

Research”, 20-30 September, 2021, UBKV, Pundibari with ICAR-IASRI, New Delhi				completed the workshop
10 days e-National Workshop on ‘Research Methodology in Social Science, 8 – 17 May, 2021, A. K. Dasgupta Centre for Planning and Development, Visva-Bharati	National	08.05.2021	17.05.2021	Participated and successfully completed the workshop
National E-Workshop on “Functional Foods, Bioactive Compounds and Phytochemicals for Better Nutrition”, 9-11 December, 2020, UBKV, Pundibari with Society for Plant Biochemistry and Biotechnology, New Delhi	National	09.12.2020	11.12.2020	Participated and successfully completed the workshop
Hands on Training Programme on “Recent Advances on Mutation Breeding for Crop Improvement”, 20-30 January, 2020, BCKV, West Bengal with BARC, Mumbai	National	20.01.2020	30.01.2020	Participated and successfully completed the training programme
7 Days Faculty Development Programme on Rural Entrepreneurship, 9-15 March, 2019, Institute of Rural Reconstruction, Visva-Bharati, Sriniketan	National	09.03.2019	15.03.2019	Participated and successfully completed the faculty development programme
UGC Sponsored Orientation Course, 1-28 July, 2016, Human Resource Development Centre, University of Burdwan, West Bengal	National	01.07.2016	28.07.2016	Participated and successfully completed the faculty development programme
National Training Programme on “Pre and Post Harvest Management for Enhanced Fruit Production”, 9-29 September, 2015, MPKV, Rahuri, Maharashtra	National	09.09.2015	29.09.2015	Participated and successfully completed the faculty development programme
National Workshop on “Botanical Identification & Evaluation of Indian Medicinal Plants”, 20-26 November, 2013, Jadavpur University, Kolkata with SERB, New Delhi	National	20.11.2013	26.11.2013	Participated and successfully completed the workshop
Training Programme on Tree Borne Oilseed Species: Ecological and Economic Benefits, Department of Forestry, F/Hort, Uttar Banga Krishi Viswavidyalaya, Pundibari, Cooch Behar, West Bengal	National	24.02.2009	25.02.2009	Participated and successfully completed the workshop
Entrepreneurship Development Programme on ‘Fabrication, Operation and Maintenance of Mobile IceBox/ Cool Chamber for Fruits, Vegetables and Marine Products’, Central Institute of Postharvest Engineering and Technology (CIPHET), ICAR, Ludhiana, Punjab	National	08.08.2007	14.08.2007	Participated and successfully completed the skill development programme

Participation In International Seminar/Symposium/ Conferences:

INTERNATIONAL SEMINAR/SYMPOSIUM/ CONFERENCES	Level (Local / National / International	Period		Citation of paper presented, if any
		From (DD/MM/YYYY)	To (DD/MM/YYYY)	
International Conference on Enabling Sustainable Food Systems through Natural	International	13.09.2024	14.09.2024	Germination and seedling growth of

Farming, Dr Y. S. Parmar University of Horticulture & Forestry, Nauni, Solan, HP, India				papaya influenced by seed treatment with leaf extracts
International Seminar on conomic Sustainability and Innovations in Social Development, AKD Centre for Planning and Development, Visva-Bharati, Santiniketan, West Bengal	International	28.05.2024	29.05.2024	Morpho-biochemical characterization of pomelo (<i>Citrus grandis</i> L.) accessions and assessment of bioactive compounds under western part of West Bengal
International Conference on “Sustainable Development: Emerging Issues” organized by Department of Department of Lifelong Learning and Extension, Palli Samgathana Bibhaga, Visva-Bharati, West Bengal.	International	20.03.2024	21.03.2024	Wood apple – Evaluation of diversity and phytonutrients
International Conference on “Advancement in Plant Health Research – Retrospect and Prospect” organized by SBER and Department of Agricultural Entomology, Institute of Agriculture, Visva-Bharati, Sriniketan, West Bengal.	International	07.12.2023	08.12.2023	Expression of stress of papaya (<i>Carica papaya</i> L.) seedlings as influenced by foliar application of zinc and boron
International Conference on “Advancement in Plant Health Research – Retrospect and Prospect” organized by SBER and Department of Agricultural Entomology, Institute of Agriculture, Visva-Bharati, Sriniketan, West Bengal.	International	07.12.2023	08.12.2023	Co-chaired a session
International Conference on Biotic and Abiotic Stress of Crop Plants and their Sustainable Management” organized by Department of Plant Pathology, PSB, Visva-Bharati, west Bengal	International	02.02.2023	03.02.2023	Postharvest Application of Microbial Inoculants on Litchi for Maintaining Quality and Shelf-life
6th International Symposium on Minor Fruits, Medicinal & Aromatic Plants: Health, Wealth and Sustainability” organized by Society of MFMAP & COBACAS, UBKV, Pundibari, Cooch Behar, West Bengal	International	24.11.2022	26.11.2022	Variation in Fruit Physico-Chemical Characters of Some Jackfruit Genotypes under Semi-arid Lateritic Belt of West Bengal, India
6th International Symposium on Minor Fruits, Medicinal & Aromatic Plants: Health, Wealth and Sustainability” organized by Society of MFMAP & COBACAS, UBKV, Pundibari, Cooch Behar, West Bengal	International	24.11.2022	26.11.2022	Co-chaired a session
One Day International Seminar on “Emerging Trends in Biological Sciences”, 8 November, 2022, Suri Vidyasagar College, Suri, Birbhum, west Bengal	International	08.11.2022	--	Fruit Morpho-chemical characterization of some wood apple (<i>Limonia acidissima</i> L.) genotypes of semi-arid Lateritic tract of Eastern India
One Day International Seminar on “Emerging Trends in Biological Sciences”, 8 November, 2022, Suri Vidyasagar College, Suri, Birbhum, west Bengal	International	08.11.2022	--	Chaired a Session
Banga Bandhu International Conference, 19 – 20 January, 2022, Bangladesh Institute of Nuclear Agriculture, Bangladesh	International	19.01.2022	20.01.2022	Response of Sapota (<i>Achras zapota</i> L.) under Different Doses

				of Gamma Radiation and Methyl Salicylic Acid (MeSA) Treatment
Global Conference on Emerging Agricultural Research to Endure the Predicament of Covid-19 Pandemic, 12-13 Dec'2020, Kazi Nazrul University, West Bengal	International (within India)	12.12.2020	13.12.2020	Studies on Fruit Physicochemical Characters of Some Jackfruit Genotypes
International Conference on Livelihood Promotion, Biodiversity Conservation and Social Security in Indian Sundarbans, 7 – 9 December 2018, Jharkhali, Sundarban, South 24 Parganas, West Bengal	International (within India)	07.09.2018	09.09.2018	Ripening behavior of chitosan coated sapota fruits under low temperature storage condition
4 th International Symposium on Minor Fruits, Medicinal and Aromatic Plants, 5 – 6 December 2017, College of Horticulture & Forestry, Central Agricultural University, Pasighat, Arunachal Pradesh	International (within India)	05.12.2017	06.12.2017	Effect of Hot Water Treatment and Drying Methods on Chemical Quality of Wood Apple Pulp Powder
1 st International Conference on “Bio-Resource, Environment and Agricultural Sciences (ICBEAS)”, 4-6 February, 2017, Palli Siksha Bhavana, Visva-Bharati, Sriniketan	International (within India)	04.02.2017	06.02.2017	Climate change vs. Yield and Quality of Major Horticultural Crops – An Eastern Indian Context
5 th International Symposium on Lychee, Longan and Other Sapindaceae Fruits, 31 st May to 3 rd June' 2016, Bihar Agricultural University, Sabour, Bhagalpur Bihar	International (within India)	31.05.2016	03.06.2016	Fruit set and early fruit development of litchi (cultivar Bombai) influenced by foliar application of zinc
5 th International Symposium on Lychee, Longan and Other Sapindaceae Fruits, 31 st May to 3 rd June' 2016, Bihar Agricultural University, Sabour, Bhagalpur Bihar	International (within India)	31.05.2016	03.06.2016	Influence of different post harvest treatments on fruit quality and shelf life of litchi (cultivar Bombai)
International Symposium Sustainable Horticulture, 14-16 March, 2016, Mizoram University, Aizawl, Mizoram, India	International (within India)	14.03.2016	16.03.2016	Nutritional Security and Medicinal Benefit Through Non-conventional Leafy Vegetables in Eastern India
International Symposium on Next Generation Approaches for Sustainable Development of Hill and Upland Horticulture, 5 – 7 November, 2015, Sikkim University, Gantok, Sikkim, India	International (within India)	05.11.2015	07.11.2015	Bio-chemical Evaluation and Anti-oxidant Activity of Wood Apple (<i>Limonia acidissima</i> L.) Genotypes under Lateritic Belt of West Bengal
Third International Symposium on Underutilized Plant Species, 5-8 August, 2015, AC&RI, Tamil Nadu Agricultural University, Madurai, Tamil Nadu, India	International (within India)	05.08.2015	08.08.2015	Underutilized Leafy Vegetables: Diversity, Nutritional Security and Medicinal Benefit in Context of Eastern India
Third International Symposium on Underutilized Plant Species, 5-8 August, 2015, AC&RI, Tamil Nadu Agricultural University, Madurai, Tamil Nadu, India	International (within India)	05.08.2015	08.08.2015	Growing Habit and Nutritional Status of Wood Apple under Red and Lateritic Zone of West Bengal
3 rd International Symposium on Minor Fruits,	International	20.05.2015	21.05.2015	Processing and Value

Medicinal & Aromatic Plants for Health and Environment, 20- 21 May, 2015, Bangladesh Agricultural University, Mymensingh, Bangladesh	(Abroad)			Addition of Custard Apple
3 rd International Symposium on Minor Fruits, Medicinal & Aromatic Plants for Health and Environment, 20- 21 May, 2015, Bangladesh Agricultural University, Mymensingh, Bangladesh	International (Abroad)	20.05.2015	21.05.2015	Wood Apple – Diversity and Evaluation of Phyto-nutrients
International Seminar on Integrating Agriculture & Allied Research: Prioritizing Future Potentials for Secure Livelihoods (ISIAAR)”, 6-9 th November’ 2014, Crop and Weed Science Society, BCKV, Kalyani, WB	International (within India)	06.11.2014	09.11.2014	Effect of NAA and Ethrel on yield and quality of pineapple (cv. Kew)
4 th International Conference on Landscape and Urban Horticulture, 12-14 th September’2013, Science City, Kolkata.	International (within India)	12.09.2013	14.09.2013	Composite Roof Top Gardening in Present Day Urban Horticulture
2 nd International Symposium on Minor Fruits and Medicinal Plants, 20-21 December’2013, University of Ruhuna, Mapalana Kamburupitiya Sri Lanka	International (Abroad)	20.12.2013	21.12.2013	Effect of Stage of Harvest, Storage Temperature and Packaging on Shelf life and Quyality of Carambola (<i>Averrhoa carambola</i> L.)
International Conference on Bio-Resource and Stress Management, 6-9 th February’2013, Science City, Kolkata	International (within India)	06.02.2013	09.02.2013	Effect of Postharvest Treatment Methods, Different Levels of Chemicals and Exposure Time on Shelf-life and Changes in Physico-chemical Attributes Banana (cv. Malbhog, <i>Musa</i> AAB)
International Conference on “Fruits for Nutrition, Poverty Reduction, Herbal Medicine and Environment”, Bangladesh Agricultural University, Mymensingh, Bangladesh, 30-31 st March, 2010.	International (Abroad)	30.03.2010	31.03.2010	Effect of Different Mulch Materials on Growth and Runner Production of Strawberry (<i>Fragaria vesca</i> , cv. Chandler)
International Conference on ‘Quality Seed and Food Security” Bangladesh Agricultural University, Mymensingh, Bangladesh, 17-19 th February, 2009	International (Abroad)	17.02.2009	19.02.2009	Effect of Combined use of Organic and Inorganic Sources of Nutrients on Growth and Quality of Okra under Foothill of Eastern Himalayan Region of India
2 nd International Symposium on Papaya, Tamilnadu Agricultural University, Madurai, India, 9-12 th December, 2008	International (within India)	09.12.2008	12.12.2008	Improvement of Seed Germination and Seedling Growth of Papaya (<i>Carica papaya</i> L.) through Different Presowing Seed Treatment

Participation In National Seminar/Symposium/ Conferences:

Details of the programme NATIONAL SEMINAR/SYMPOSIUM/ CONFERENCES	Level (Local / National / International)	Period		Citation of paper presented, if any
		From (DD/MM/YYYY)	To (DD/MM/YYYY)	
National Seminar on “Sustainable Management of Natural Resources for Food Security and Livelihood Promotion under Climate Change Scenario” organized by Department of Biological Sciences, Midnapore City College, Paschim Medinipur, West Bengal	National	29.03.2024	30.03.2024	Traditional processing and value addition of horticultural crops can play a crucial role in enhancing the livelihoods of rural people (Invited Lecture as Resource Person)
National Seminar on “Sustainable Management of Natural Resources for Food Security and Livelihood Promotion under Climate Change Scenario” organized by Department of Biological Sciences, Midnapore City College, Paschim Medinipur, West Bengal	National	29.03.2024	30.03.2024	Chaired a Session
National Seminar on “Sustainable Agriculture, Rural Development and Future Food Security in India: An Interdisciplinary Approach” organized by Department of Agricultural Economics, Institute of Agriculture, Visva-Bharati, West Bengal.	National	01.03.2024	02.03.2024	Fruit set and early fruit development of litchi as influenced by foliar application of zinc
National Seminar on “Strategies for Improving Agricultural Productivity and Farmer’s Income in the Context of Climate Change” organized by University of Calcutta, Kolkata, West Bengal.	National	16.12.2023	18.12.2023	Pineapple under Western Dry Tract of West Bengal – A research note
National Seminar on Plant and its Ecosystem Services, organized by Department of Botany, Sonamukhi College, Bankura, West Bengal.	National	05.06.2023	06.06.2023	Traditional value addition of horticultural crops of West Bengal
National Seminar on “Recent Development of Scientific Research in Soil, Water and Environment” organized by University of Calcutta, Kolkata, West Bengal.	National	30.04.2023	01.05.2023	Phenological Changes of Longan (<i>Dimocarpus longan</i>) with the Advancement of Fruit Development
National Seminar on “Horticulture for Sustainable Development, Nutritional & Livelihood Security” organized by Uttar Banga Krishi Viswavidyalaya, Pundibari, Cooch Behar, West Bengal	National	26.05.2022	27.05.2022	Acted as Judge in a Poster Session
National Seminar on Climate Resilient and Input Efficient Agriculture for Food and Nutritional Security, organized by Uttar Banga Krishi Viswavidyalaya, Pundibari, Cooch Behar, West Bengal	National	19.01.2023	20.01.2023	Effect of Postharvest Microbial Inoculation on Enhancing Shelf-life of Litchi
National Seminar on “Horticulture for Sustainable Development, Nutritional & Livelihood Security” organized by Uttar Banga Krishi Viswavidyalaya, Pundibari, Cooch Behar, West Bengal	National	26.05.2022	27.05.2022	Pineapple under Western Dry Tract of West Bengal – A Research Note
National Seminar on Fruit Production on Eastern Tropical Region of India, Challenges and Opportunities, 24-26, March, 2022, Central	National	24.03.2022	26.03.2022	Effect of some leaf extracts on germination and seedling growth of

Horticultural Experiment Station, IIHR, ICAR, Bhubaneswar				papaya
National Symposium on Ornamental and Edible Horticulture; Emerging Challenges and Sustainable Goals, 21-22 February, 2022, BCKV, Nadia, West Bengal	National	21.02.2022	22.02.2022	Studies on Diversity of Some Local Jamun (<i>Syzygium cumini</i> Skeels) Genotypes
National Seminar on Sustainable Resource Management for Enhancing Farm Income, National Security and Livelihood Improvement, 1 – 3 February 2019, Department of Agronomy, Palli Siksha Bhavava, Visva-Bharati, Sriniketan, West Bengal	National	01.02.2019	03.02.2019	Effect of seed pre-treatment on seed germination of papaya
National Symposium on “Agriculture and Food Production Today and Tomorrow” 22-24 February, 2017, Institute of Agricultural Science, Kolkata	National	22.02.2017	24.02.2017	Effect of foliar application of zinc on Fruit set and early fruit development of litchi (cultivar Bombai)
National Seminar on Nutrition and Wellness, 7-8 November 2016, Palli Siksha Bhavana, Visva-Bharati, Sriniketan, West Bengal	National	07.11.2016	08.11.2016	Common Tribal Herbs of Semi-arid Lateritic Belt of West Bengal for Nutritional Security and Medicinal Benefit
National Workshop on Sustainable Mango Production: Challenges under Changing Climate in Tropics & Subtropics cum Mango Diversity Show, 18-19 June 2016, ICAR-Central Institute of Subtropical Horticulture, RRS Malda, West Bengal	National	18.06.2016	19.06.2016	Effect of Pre-flowering Sprays of Micronutrients (Zinc and Boron) on Flowering and Fruit Set of Mango cv. Amrapali
National Conference on Natural Resource, Diversity & Sustainable Development, 11-12 December, 2015, Department of Zoology, North Bengal University, Siliguri, West Bengal	National	11.12.2015	12.12.2015	Diversity of Underutilized Leafy vegetables: Nutritional Security and Medicinal Benefit in Context of Eastern India
National Seminar on Sustainable Family Farming for Food, Nutritional & Livelihood Security, 5 – 6 March, 2015, Palli Siksha Bhavana Visva-Bharati, Sriniketan, West Bengal	National	05.03.2015	06.03.2015	Neglected and Underutilized Species for Food-cum-Nutritional Security and Medicinal Benefit
National seminar on Agriculture and Bio-Security in changing Scenario, 1-3 rd February, 2014, Palli Siksha Bhavana, Visva-Bharati	National	01.02.2014	03.02.2014	Antioxidant Properties of Some Banana Genotypes
National Symposium on ‘In Quest of Second Green Revolution’ 26-28 th February’2013, Agriculture Society of India, Institute of Agriculture, University of Calcutta Kolkata	National	26.02.2013	28.02.2013	Effect of Different Chemicals on Disease Advance and Changes in Physico-chemical Attributes of <i>Penicillium</i> infected Mandarin Orange under Ambient Storage
Golden Jubilee Seminar on Advances in Agricultural Research Towards Food Security and Environmental Sustenance, 1-3 rd September, 2012, Palli Siksha Bhavana, Visva-Bharati, Sriniketan, West Bengal	National	01.09.2012	03.09.2012	Application of 1-Methyl Cyclopropene in Horticultural Crops for Extended Storage Life
National Seminar on Safe Food For All, 21-23 rd February’ 2012, Palli Siksha Bhavana,	National	21.02.2012	23.02.2012	Changes in Physico-chemical Attributes of Burmese Grape

Visva-Bharati, Sriniketan, West Bengal				(<i>Baccaurea ramiflora</i> L., an underutilized fruit) during its Growth and Development and its Maturity Standards
National Conference on “Production of Quality Seeds and Planting Material – Health Management in Horticultural Crops, 11-14 th March, 2010, NASC Complex, New Delhi	National	11.03.2010	14.03.2010	Orchid Biodiversity in North East India
National Conference on Application of Identified Chemical and Biological Tech in Agriculture, Jadavpur University, West Bengal, 22-23 rd August’2008	National	22.08.2008	23.08.2008	Technique of Increasing Postharvest Shelflife of Green Chilli (<i>Capsicum annuum</i> L.) Using Different Chemicals, Packaging Materials under Different storage Conditions
National Seminar on Production, Processing, Marketing and Export of Litchi for Economic Prosperity, 8-11 June’2008, National Research Centre for Litchi, Muzaffarpur, Bihar	National	08.06.2008	11.06.2008	Influence of Different Postharvest Chemical Treatments in Variation of Fruit Quality and Shelf Life of Litchi (<i>Litchi chinensis</i> Sonn., cv. Bombai)
National Seminar on “Gradual Development of Education & Empowerment of Women in North Bengal”, 11-12nd April’2008, Thakur Panchanan Mahila Mahavidyalaya, West Bengal	National	11.04.2008	12.04.2008	Importance of Horticulture Education in the Development and Empowerment of Tribal Women of North Bengal
National Seminar on Medicinal, Aromatic and Spices Plants-Perspectives and Potentials, 18-19 th December’2006, IGKV, Chhatis Garh	National	18.12.2006	19.12.2006	Studies on the Performance of Chilli (<i>Capsicum annuum</i> L.) Genotypes under Terai Zone of West Bengal

Significant Research contributions:

Category of achievement	Title	Year	Additional information, if any
Traits identified	Identification of superior type of Burmese grape	2013	Accession no 11 germplasm of Burmese grape is superior among the different germplasm surveyed during this study in terms of most of the desirable horticultural traits viz. size and quality within districts of North Bengal. (<i>International Journal of Agriculture and Food Science Technology</i> , 4(5): 415-420, 2013)
	Identification of superior type of wood apple	2021	With respect to better fruit size and edible matter wood apple germplasm WA-4 , was very promising while WA-1 was best in terms of quality parameters such as TSS, acidity, ascorbic content, total sugar, and reducing sugar etc. (<i>International Journal of Minor Fruits, Medicinal and Aromatic Plants</i> . 7 (1) : 53-56, 2021)
Process/ Technology developed	Crown leaf pinching and fruit bagging causes better yield and quality of pineapple	2022	6 crown leaves pinching with newspaper bagging results bigger fruit size, fruit weight, and estimated yield superior fruit quality and organoleptic taste. (<i>International Journal of Plant & Soil Science</i> , 34(10): 74-84, 2022). Solo news paper bagging also helpful for good fruit size and quality of pineapple. (<i>International Journal of Current Microbiology and Applied Science</i> .,7: 4876-4885, 2018)

	Increasing keeping quality of fresh cut pineapple	2020	Treating the fresh cut pineapple cubes at the solution containing: sugar 200g/l + citric acid @500ppm + Na-benzoate@1000 ppm results maximum shelf-life with minimum loss of quality. (<i>Chemical Science Review and Letters</i> , 9 (36), 895-901, 2020)
	Postharvest application of gamma radiation can enhance shelf life of citrus fruits.	2018	Gamma irradiation at 0.25-0.5 kGy is maintaining the nutritional properties in <i>Citrus jambhiri</i> , hence, could be effectively used for minimizing the nutritional loss in citrus fruit during storage. (<i>Journal of Pharmacognosy and Phytochemistry</i> , 7(4): 2833-2836, 2018)
	Butter paper bagging in tomato causes higher fruit yield and better quality	2020	Butter paper bagging results very high fruit yield as well as very good fruit quality including very high ascorbic acid. (<i>International Journal of Chemical Studies</i> , 8(5): 2191-2197, 2020)
	600ppm Ethephon application through cotton plug method in banana results uniform ripening with longer shelf life	2020	Postharvest treatment of Ethephon @ 600ppm through cotton dipped Ethephon plugged at the neck region of the poly bag gave better shelf life and less weight loss than that of dipping method. (<i>Research Journal of Agricultural Sciences</i> , 11(6): 1225-1228, 2020)
	Value addition of tuberose by tinting with food dyes	2018	Tuberose flower spikes remained maximum fresh with higher vase life in Lemon yellow followed by Rose pink and Apple green. Lower concentration of food dyes (1%) exhibited higher freshness and highest vase life of flowers. (<i>International Journal of Bio-resource and Stress Management</i> , 9(3):314-322, 2018; <i>Chemical Science Review and Letters</i> , 7(25): 158-164, 2018)
Package of practices developed	Integrated Nutrient Management of pineapple under Red & Lateritic belt of West Bengal	2019	Combined application of organic and inorganic (FYM 500 gm + VC 200 gm + NPK 8:2:10 gmplant-1) can be adopted in red and lateritic belt of West Bengal. (<i>Indian Agriculturist</i> , 63(3 & 4): 155-162, 2019). On the other hand, 7.5t/ha vermicompost, 75% RDF of NPK and bio fertilizer (Azotobactor + phosphate solubilizing bacteria) recorded the highest flowering and fruiting, maximum estimated yield along with better nutrient uptake. (<i>International Journal of Chemical Studies</i> , 6(5): 1691-1695, 2018)
	Micronutrient management in pineapple under Red & Lateritic belt of West Bengal	2018	Application of zinc sulphate @ 0.5% and borax @ 0.5% as spray results good yield and quality of pineapple. (<i>International Journal of Current Microbiology and Applied Science</i> , 7: 397-402, 2018; <i>Journal of Pharmacognosy and Phytochemistry</i> , 7(6): 1166-1168, 2018)
Product process developed	Osmotic dehydration of pineapple	2018	Steeping the pineapple slices with sugar syrup having concentration at 50°B at room temperature for 24 hrs followed by drying at 55-60°C is ideal for osmotic dehydration of pineapple. (<i>International Journal of Chemical Studies</i> , 6(6): 1782-1786; <i>The Pharma Innovation Journal</i> , 7(12): 159-162, 2018)
	Drying and preparation of wood apple pulp powder	2020	In terms of drying characteristics, physical, functional, and nutritional quality, sun dried wood apple pulp powder exhibited highest index and with better keeping quality. Hence the wood apple pulp could be dried effectively using sun drying method followed by proper grinding and storage. (<i>Journal of Pharmacognosy and Phytochemistry</i> , 9(2): 105-108, 2020)

Research paper publications with citation index:

Title	Author(s)	Whether First and/or Principal / corresponding author /supervisor / mentor	Journal, volume, page details with ISSN No.	NAAS (India) rating (with effect from 01 Jan 2019)/Other equivalent rating recognized by NAAS	Citation index number, if any
Morpho-biochemical and bioactive compound diversity assessment of pomelo (<i>Citrus grandis</i> L. Osbeck) accessions under semi-arid lateritic belt of West Bengal, India	Deb, Prahlad, Das, P., Mukherjee, P.K. and Kumar, A.	First author	Vegetos (2025) https://doi.org/10.1007/s42535-025-01217-x	Springer Nature	Scopus Web of Sci. Indexed
Elimination of hard lumps in Malbhog banana (<i>Musa</i> , AAB) by application of growth regulators and micronutrients	Deb, Prahlad, Suresh, C. P. and Bhowmick, N.	First author	Indian Journal of Ecology 51(3): 593-598 (2024) ISSN: 0304-5250	NAAS Rating: 5.38 (2024)	Web of Sci. indexed
Genetic diversity and correlation analysis of Indian date palm (<i>Phoenix sylvestris</i> Roxb.): Insights into an underutilized native fruit crop	Deb, Prahlad, Kumar, M., Mukherjee, P.K. and Halder, A.	First author	Journal of Applied Horticulture, 26(4): 480-486, 2024, ISSN: 0972-1045	NAAS Rating: 5.78 (2024)	Scopus Web of Sci. Indexed
Variation in fruit morpho-biochemical characters and bioactive compounds of bilimbi (<i>Averrhoa bilimbi</i> L.) genotypes under semi-arid lateritic belt of West Bengal	Deb, Prahlad, Das, P., Mukherjee, P.K. and Halder, A.	First author	International Journal of Minor Fruits, Medicinal and Aromatic Plants 10 (2) : 113-122 (2024) ISSN: 2424-6921	NAAS Rating: 4.77 (2024)	Scopus Indexed
Effect of pre-flowering sprays of micronutrients on flowering, fruit set, fruit drop and yield of mango cv. Amrapali	Deb, Prahlad and Reza, S.	First author	Crop Research, 59 (1 & 2): 21-30 (2024) ISSN: 0970-4884	NAAS Rating: 4.09 (2024)	Web Sci, indexed, UGC CARE Gr II
Morpho-biochemical characterization of pomelo (<i>Citrus grandis</i> L.) accessions and assessment of bioactive compounds under western part of West Bengal	Deb, Prahlad, Mukherjee, P.K. and Das, P.	First author	International Journal of Minor Fruits, Medicinal and Aromatic Plants 10 (1) : 112-124 (2024) ISSN: 2424-6921	NAAS Rating: 4.77 (2024)	Scopus Indexed
Panicle diversity of some mango varieties under semi-arid lateritic belt of Eastern India	Deb, Prahlad, Mukherjee, P.K. and Das, P.	First author	International Journal of Minor Fruits, Medicinal and Aromatic Plants 10 (1) : 102-111, (2024) ISSN: 2424-6921	NAAS Rating: 4.77 (2024)	Scopus Indexed
Fruit physicochemical and antioxidant properties of wild date palm (<i>Phoenix sylvestris</i> Roxb.) accessions under the	Kumar, M., Mukherjee, P.K. and Deb,	Supervisor	Journal of Applied Horticulture	NAAS Rating: 5.43 (2024)	Scopus indexed

western part of West Bengal	Prahlad		26(1): 15-20 (2024) ISSN: 0972-1045		
Influence of foliar application of zinc and boron on seedling growth of papaya (<i>Carica papaya</i> L.)	Kumar, A. and Deb, Prahlad	Supervisor	Applied Biological Research 26(1): 110-116; (2024) ISSN 0970-3179	NAAS Rating: 4.87 (2024)	Scopus and Web of Sci. Indexed
Quality and storage of pineapple squash as influenced by different sugar and citric acid concentrations	Sushmitha, K., Deb, Prahlad , Rana, G., Dowrah, B.	Supervisor	Annals of Agricultural Research 45 (2) : 185-194 (2024) ISSN 0970-3179	NAAS Rating: 4.87 (2024)	
Effect of Temperature on Seed Germination of Papaya (<i>Carica papaya</i> L.) under the Laboratory Condition	Rana, G., Dowrah, B., and Deb, Prahlad	Mentor	Environment and Ecology 42 (3B) : 1301—1305 ISSN 0970-0420	NAAS Rating: 4.87 (2024)	Web Sci, indexed, UGC CARE Gr II
Evaluation of Radish Genotypes for Microgreens Production under Red and Laterite Zone of West Bengal	Sahu, B, Mandal, J and Deb, Prahlad	Co-author	Indian Journal of Ecology 51(3): 593-598 (2024) ISSN: 0304-5250	NAAS Rating: 5.38 (2024)	Web of Sci. indexed
Influence of foliar application of zinc and boron on seedling growth of papaya (<i>Carica papaya</i> L.)	Kumar, A. and Deb, Prahlad	Corresponding author/ Supervisor	Applied Biological Research, 26(1): 110-116 (ISSN: 0972-0979)	NAAS Score: 4.93	UGC Care List, Web of Science Indexed
Effect of pre-flowering sprays of micronutrients on flowering, fruit set, fruit drop and yield of mango cv. Amrapali, (2024)	Deb, Prahlad and Reza, S.	Corresponding author/ Supervisor	Crop Research, 59 (1 & 2): 21-30. (ISSN: 0970 4884)	NAAS Score: 4.09	Web of Science Indexed
Fruit physicochemical and antioxidant properties of wild date palm (<i>Phoenix sylvestris</i> Roxb.) accessions under the western part of West Bengal, (2024)	Kumar, M., Deb, Prahlad and Mukherjee, P. K.	Corresponding author/ Supervisor	<i>Journal of Applied Horticulture</i> , 26(1): 15-20. (ISSN:0972 1045)	NAAS Score: 5.43	Scopus Indexed
Effect of plant growth regulators on the early growth of tissue cultured banana plants (cv. Grand Naine), (2024)	Deb, Prahlad and Sinha, D.	First Author/ Supervisor	<i>Environment Conservation Journal</i> . ISSN 0972-3099	NAAS Score: 5.01	Scopus Indexed
Studies on Some Physical and Chemical Characters on Diversity of Some Local Jamun (<i>Syzygium cumini</i> Skeels) Genotypes, (2023)	Patel, S. K., Halder, A. and Deb, Prahlad	Supervisor	<i>International Journal of Plant & Soil Science</i> , 35: 109-114. (ISSN:2320 7035).	NAAS Score: 5.07	
Pre-Flowering Sprays of Zinc and Boron Influenced Panicle Emergence and Panicle Growth of Amrapali Mango, (2023)	Deb, Prahlad and Reza, S.	First author	Research. Biotica, 5(2): 79-84 (ISSN: 2582-6743)	Peer Reviewed	
Studies on morpho-biochemical changes of longan [<i>Euphoria longana</i> (Lour) Steud.] fruit during fruit growth and development for determination of maturity, (2023)	Mukherjee, P. K., Deb, Prahlad , Kumar, M. and Mondal, A.	Supervisor	International Journal of Minor Fruits, Medicinal and Aromatic Plants, 9 (2) :	NAAS Score: 5.11	Scopus Indexed

			177- 184 (ISSN: 2424 6921).		
Effect of seed treatments on seed germination and seedling growth of Indian Olive (<i>Elaeocarpus floribundus</i>), (2023)	Halder, A., Mukherjee, P. K., Gonmei, G. and Deb, Prahlad	Supervisor	International Journal of Minor Fruits, Medicinal and Aromatic Plants, 9 (1) : 77-81 (ISSN: 2424 6921).	NAAS Score: 5.11	Scopus Indexed
Multiple Correspondence Analysis of Qualitative Traits of Jackfruit (<i>Artocarpus heterophyllus</i> Lam.) Germplasm of Northern Tripura Region, India	Debnath, Abhijit and Deb, Prahlad	Supervisor	International Journal of Agricultural Science 8:154-165, ISSN: 2367-9026	NAAS Score: 4.03	
Response of Pineapple Yield and Quality on Pinching of Crown Leaves Combined with Bagging of Fruits, (2022)	Baraily, P. and Deb, Prahlad	Supervisor	International Journal of Plant & Soil Science 34(10): 74-84, ISSN: 2320-7035	NAAS Score: 5.07	
Preparation and quality assessment of orange (<i>Citrus reticulata</i> L.) peel candy, (2022)	Kumar, R., Deb, Prahlad , Dewangan, R. K., Pujari, P. K. and Kumar, A.	Supervisor	The Pharma Innovation, 11(12) : 2958-2963	NAAS Score: 5.23	
Studies on Flowering Characteristics and Floral Morphology of Some Jamun Genotypes (<i>Syzygium cumini</i> Skeels) under Semi-arid Lateritic Belt of West Bengal, India, (2023)	Halder, A. and Deb, Prahlad	Supervisor	<i>International Journal of Plant and Soil Science</i> , 35(7): 90-95	NAAS Score: 5.07	
Flowering behaviour and floral morphology of some Jamun genotypes (<i>Syzygium cumini</i> Skeels) under western dry tract of west Bengal, (2023)	Halder, A. and Deb, Prahlad	Supervisor	<i>The Pharma Innovation</i> , 12(3) : 2958-2960	NAAS Score: 5.23	
Evaluation of Flowering and Fruiting Attributes of Different Mango Cultivars in the Chhattisgarh Plain under Rain fed Condition, (2022)	Rana, G., Sahu, R. L., Sharma, G. L. and Deb, P.	Co-author	<i>Journal of Crop and Weed</i> , 18(1) : 244-246	NAAS Score: 5.27	
Iner Germplasm Diversity Based on Tree and Yield Attributes along with Biochemical Parameters of Jack Fruit (<i>Artocarpus heterophyllus</i> Lam.) Selections of Northern Tripura using Clustering Techniques, (2022)	Debnath, Abhijit and Deb, Prahlad	Supervisor	<i>The Pharma Innovation</i> , 11(6) : 1282-1289	NAAS Score: 5.23	
Study on Genetic Variability Estimates of Jack Fruit (<i>Artocarpus heterophyllus</i> Lam.) Germplasm at Northern Region of Tripura State, India (2022)	Debnath, Abhijit and Deb, Prahlad	Supervisor	<i>Current Journal of Applied Science and Technology</i> , 41(17) : 1-8	NAAS Score: 4.71	
Morphological Characterization and Performance of Different Pineapple (<i>Ananas comosus</i>) Varieties in Northern Parts of West Bengal (2022)	Bhowmick, Nilesh, Deb, Prahlad , Munsu, P. S. and Ghosh, S. K.	Co-author	Indian Journal of Agricultural Sciences 92(5):567-571 ISSN: 0019 5022	NAAS Score: 6.25	Impact factor: 0.25 Scopus Indexed

Botanical Synthesis of Silver Nanoparticles (AgNPs) and Its Antifungal Effect Against <i>Alternaria porri</i> Causing Purple Blotch of Onion: An in vitro and Natural Epiphytic Study (2022)	Das, Ratan, Deb, Prahlad , Pandey, H., Shyam, P. and Singh, D.	Supervisor	Journal of Agriculture & Food Research 10(2022)100390		Cite score: 1.8 Scopus Indexed
Zinc Nutrition in Banana (cv. Grand Naine) at Early Growth Stage (2022)	Gonmei Gaidinglungliu, Deb, Prahlad , Kumar Pravin, Sinha, Dhananjay and Halder Agniva	Corresponding author/ Supervisor	International Journal of Plant & Soil Science 34(22): 1648-7035 ISSN: 2320 7035	NAAS Score: 4.77	
Effect of Shoot Pruning on Growth, Flowering and Fruiting Characteristics of Different Guava (<i>Psidium guajava</i> L.) Cultivars (2022)	Santoshkumar G M, Bhowmick, N., Chakraborty, A., Dey, A. N., Ghosh, A., Dutta, P., Deb Prahlad , Chamling, N., Sherpa, T. N. and Senjam, B. D.	Co-author	International Journal of Fruit Science 22(1) 686-695 ISSN: 1878 - 450X	NAAS Score: 7.36	Impact Factor: 1.36 Scopus Indexed
Effect of various treatments on breaking seed dormancy and germination enhancement in Custard apple (<i>Annona reticulata</i> L). Local cultivar (2021)	Rana, Gangaram; Sahu, Roshan Lal and Deb, Prahlad	Co-author	Journal of Pharmacognosy and Phytochemistry, 9(3): 787-789 ISSN: 2278-4136	NAAS Score: 5.21	
Fruit physico-chemical studies of some local wood apple (<i>Limonia acidissima</i> L.) genotypes (2021)	Dowarah, Buddhisatya; Deb, Prahlad ; Rana, Gangaram and Sushmitha, Kanne	Supervisor/ Corresponding author	International Journal of Minor Fruits, Medicinal and Aromatic Plants, 7 (1) : 53-56 ISSN: 2424-6921	Peer reviewed	Scopus Indexed
Effect of fruit bagging on yield and quality of tomato (<i>Solanum lycopersicum</i> L) (2020)	Patel, Deveshwar Prasad; Deb, Prahlad and Patel, Yogesh Kumar	Supervisor	International Journal of Chemical Studies, 8(5): 2191-2197 ISSN: 2349-8528 https:// doi.org/ 10.22271 /chemi. 2020. v8.i5 ad.10 632	NAAS Score: 5.31	
Quality Evaluation of Artificially Ripened Banana under the Influence of Ethylene and its Mode of Application (2020)	War, Elavena, Mandal, G. and Deb, P.	Co-author	Research Journal of Agricultural Sciences, 11(6):1225-1228 ISSN: 0946-1675	NAAS Score: 4.50	
Effect of seed pre-treatment on seed germination and seedling growth of papaya (2020)	Rana, Gangaram; Deb, Prahlad ; Dowarah, Buddhisatya and Sushmitha, Kanne	Supervisor	International Journal of Current Microbiology & Applied Science, 9(4): 1066-1071 ISSN: 2319-7706 (https:// doi.org/ 10.20546 /ijcmas. 2020. 904.126)	NAAS Score: 5.38	

Effect of integrated nutrient management on growth, flowering and fruit development of pineapple (cv. Kew) under Red and Lateritic Belt of West Bengal (2019)	Mahanty, Durbadal; Deb, Prahlad and Goutam Mondal	Corresponding author	Indian Agriculturist, 63(3&4): 155-162. ISSN: 0019-4336	NAAS Score: 4.11	
Effect of postharvest chemical treatments on fresh cut pineapple cubes (2020)	Baraily, Prerna and Deb, Prahlad	Supervisor	Chemical Science Review and Letters, 9(36):895-901 ISSN: 2278-6783	NAAS Score: 5.21	
Effect of edible coating on shelf life of fresh pomegranate arils (2019)	Abhishek, Kumar and Deb, Prahlad	Supervisor	Journal of Postharvest Technology; 7(1):25-32 ISSN: 2348-4330	2020 NAAS Score: 3.69	UGC Care
Changes in quality of litchi (cv. Bombai) as influences by different postharvest treatments under ambient storage condition (2018)	Deb, Prahlad and Suresh, C. P.	Corresponding author	Indian Agriculturist; 62(3-4):25-32:99-106 ISSN: 0019-4336	NAAS Score: 4.11	
Effect of silver nano-particle on seed germination and seedling vigour of onion(2018)	Das, Ratan, Deb, Prahlad and Vere Gowda R.	Supervisor	International Journal of Chemical Studies, 6(3);427-430 P-ISSN: 2349–8528 E-ISSN: 2321–4902	NAAS Score: 5.31	
Hydrogen peroxide pre-treatment enhances antioxidant properties and free radical scavenging activities of tree bean (<i>Parkia roxburghii</i> G. Don) seeds and pods during storage (2018)	Premi Devi M., Sahoo M. R., Kuna A., Dasgupta M., Mandarapu S., Deb, Prahlad , Prakash N.	Supervisor	Nutrition and Food Science, 49(4):548-563 DOI: 10.1108/NFS-07-2018-019 ISSN: 0034-6659	NAAS Score: 5.26	Scopus Indexed
Effect of gamma irradiation on nutritional properties and antinutrient contents of <i>Citrus jambhiri</i> Lush. Fruits (2018)	Premi Devi M., Sahoo M.R., Kuna A., Deb P. , Dasgupta M. and Prakash N.;	Supervisor	Journal of Pharmacognosy and Phytochemistry; 7(4): 2833-2836 E-ISSN: 2278-4136 P-ISSN: 2349-8234	NAAS Score: 5.21	
Influence of Microwave Cooking on Proximate, Mineral and Radical Scavenging Activities of Tree Bean Seeds and Pods (2018)	Premi Devi M., Sahoo M.R., Kuna A., Deb P. , Dasgupta M. and Prakash N.;	Supervisor	International Journal of Current Microbiology and Applied Science; 7(8): 3909-3917 ISSN: 2319-7706	NAAS Score: 5.38	
Ripening behaviour of chitosan coated sapota fruits under low temperature storage condition (2018)	Deb, Prahlad and Gautam, S.	Corresponding author	International Journal of Current Microbiology and	NAAS Score: 5.38	

			Applied Science; 7(10): 2784-2790 ISSN: 2319-7706		
Effect of different sugar syrup concentrations on osmotic dehydration of pineapple fruits during storage (2018)	Rahim, Akula, Deb, Prahlad and Reshmi, Nirmala P.	Supervisor	International Journal of Chemical Studies; 6(6): 1782-1786 P-ISSN: 2349–8528 E-ISSN: 2321–4902	NAAS Score: 5.31	
Performance of some grape cultivars for commercial cultivation in West Bengal (2018)	Pal, Ranjit, Deb, P. and Ghosh, S. N.;	Co-author	International Journal of Bioresource & Stress Management; 9(5): 568-572 ISSN: 0976-3988	NAAS Score: 4.65	
Study on quality analysis of osmotic dehydrated pineapple slices with different sugar concentrations during storage (2018)	Rahim, Akula, Deb, Prahlad and Reshmi, Nirmala P.	Supervisor	The Pharma Innovation Journal 7(12): 159-162 P ISSN: 2349-8242 E ISSN: 2277-7695	NAAS Score: 5.03	
Influence of integrated nutrient management on yield and biochemical parameters of pineapple (cv. Kew) (2018)	Barailly, P. and Deb, P.	Supervisor	Journal of Pharmacognosy and Phytochemistry; 7(5): 1339-1342 E-ISSN: 2278-4136 P-ISSN: 2349-8234	NAAS Score: 5.21	
Effect of integrated nutrient management on growth and yield of pineapple (cv. Kew) (2018)	Barailly, P. and Deb, P.	Supervisor	International Journal of Chemical Studies 6(5): 1691-1695 P-ISSN: 2349–8528 E-ISSN: 2321–4902	NAAS Score: 5.31	
Value addition of tuberose (<i>Polyanthes tuberosa</i> L.) cv. Calcutta Double cut flower by colouring with edible dye(2018) ;	Kumari, Sweta, Raghupati, B. D., Kumari, Sarika and Deb, Prahlad	Supervisor	Chemical Science Review and Letters 7(25): 158-164 ISSN: 2278-6783	NAAS Score: 5.21	Scopus Indexed
Effect of Tinting on Value Addition of Tuberose (<i>Polyanthes tuberosa</i> L.) cv. Prajwal (2018)	Kumari, Sweta, and Deb, Prahlad.	Supervisor	International Journal Bio Resource & Stress Managment; 9(3): 314-322 ISSN: 0976-3988	NAAS Score: 4.65	
Effect of Different Preservatives on Vase-Life of Cut Tuberose (<i>Polyanthes tuberosa</i> L.) cv. Calcutta Single(2017) ;	Kumari, Sweta; Raghupati, B; Kumari, Sarika and Deb, Prahlad;	Supervisor	International Journal of Current Microbiology and Applied Science 7(1): 1651-1657 ISSN: 2319-7706	NAAS Score: 5.21	

Effect of Fruit Bagging on Physico-Chemical Properties of Pineapple cv. Mauritius (2018) Science;	Shwet Prabha, Kumari, Khushboo and Deb Prahlad	Supervisor	International Journal of Current Microbiology and Applied 7:7876-4885 ISSN: 2319-7706	NAAS Score: 5.38	
Effect of Foliar Application of Zinc and Boron on the Physical Parameters of Pineapple cv. Mauritius (2018)	Kumari, Usha and Deb Prahlad	Supervisor	International Journal of Current Microbiology and Applied Science; 7:397-402 ISSN: 2319-7706	NAAS Score: 5.38	
Effect of Foliar Application of Zinc and Boron on quality of Pineapple cv. Mauritius (2018) ;	Kumari, Usha and Deb Prahlad	Supervisor	Journal of Pharmacognosy & Phytochemistry 7(6): 1166-1168 E-ISSN: 2278-4136 P-ISSN: 2349-8234	NAAS Score: 5.21	
Effect of packaging on storage behaviour of sapota (<i>Achras zapota</i> L.) fruits (cv. Cricket Ball) (2018)	Deb, Prahlad and Gautam, S.	Corresponding author	International Journal of Bioresource, Environment & Agricultural Science; 3(4): 650-655 ISSN: 2454-3551	Peer reviewed	
Effect of foliar application of B, Zn and Cu on yield, quality and economics of rainy season guava cultivation (2018)	Sau, Sayan, Sarkar, S., Ghosh, B., Roy, K. Deb, Prahlad and Ghosh, D.;	Co-author	Current Journal of Applied Science and Technology; 28(1):1-10 ISSN: 2457-1024	NAAS Score: 5.32	
Nanotechnological approaches to study the effect of silver nanoparticles on yield, quality and shelf life of onion (2018)	Das, Ratan, Deb, Prahlad and Vere Gowda R.	Supervisor	Journal of Pharmacognosy & Phytochemistry 7(6); 1756-1760 E-ISSN: 2278-4136 P-ISSN: 2349-8234	NAAS Score: 5.21	
Assessment of growth, yield, tuber quality and profitability of potato upon boron fertilization (2017)	Sarkar, S., Banerjee, H., Chakraborty, I., Sau, S., Roy, K., Ghosh, D. and Deb, P. ;	Co-author	Journal of Environmental Biology; 39:365-372 E-ISSN: 0254-8704 P-ISSN: 2394-0379	NAAS Score: 6.56	Impact Factor: 0.56 Scopus indexed
Efficacy of N2O2 donor Schiff Bases and their Zn+ Complexes on Various Morphological and Biochemical Parameters of <i>Cicer arietinum</i> L. (2017)	Acharjee, Kaushik; Sarkar, Jayanwita; Deb, Prahlad ; Chakraborty, Usha and Sinha Biswajit	Supervisor	Journal of Plant Nutrition, DOI: 10. 1080/0190 4167. 2017. 1385810 ISSN: 0190-4167	NAAS Score: 6.75	Impact Factor: 0.75 Scopus indexed

Effect of Integrated Management on Flowering and Fruiting Characteristics of Pineapple cv. Mauritius(2017)	Bhowmick, N.; Ghosh, S. K.; Munsu, P. S.; Deb, P. and Ghosh, A.	Co-author	Journal of Crop and Weed; 13(2): 144-156 ISSN: 0974-6315	NAAS Score: 5.28	
Insecticidal Resistance of Okra Fruit Borer (<i>Earias vittella</i>) and its Management(2017)	Das, Ratan, Deb, Prahlad , Pandey, H and Sarkar, M.;	Supervisor	International Journal of Current Microbiology and Applied Science, 6(6): 2932-2949 ISSN: 2319-7706	NAAS Score: 5.38	
Growth Behavior of Pineapple cv. Mauritius under Integrated Nutrient Management in Northern Part of West Bengal, India (2017)	Bhowmick, N., Munsu, P. S., Ghosh, S. K., Deb, Prahlad and Ghosh, Arunava	Co-author	International Journal of Current Microbiology and Applied Science, 6(9): 2471-2488 ISSN: 2319-7706	NAAS Score: 5.38	
Impact of Zinc Fertilization on Potato (<i>Solanum tuberosum</i> L.) Yield, Zinc Use Efficiency, Quality and Economics in Entisol of West Bengal(2016)	Banerjee H., Sarkar S., Deb Prahlad , Dutta S. K., Ray K., Rana L. and Majumdar K.	Co-author	Journal of the Indian Society of Soil Science, 64(2): 176-182 P ISSN: 0019-0028 E ISSN:0019-638X	Peer reviewed	Scopus Indexed
Growth and Developmental Aspects in Dendrobium Orchids (2016)	De, L. C., Deb, P. ,	Co-author	International Journal of Current Research., 6(1) 25028-25030 ISSN: 0975 833X	Peer reviewed	
Super Fruit: as a Potential Option to Mitigate Malnutrition in Indian Subcontinent (2016)	Sau, Sayan, Sarkar, Sukamal, Deb, Prahlad and Ghosh, Bikash,	Co-author	Asian Journal of Pharmaceutical & Clinical Research, 9(1) : 18-22 ISSN: 0974-2441	Peer reviewed	
Pre-and Post-harvest Physiology of Cymbidium Orchids(2015)	De, L. C., Deb, P. , Chhetri, Geetamani and Rai, Deepak	, Co-author	International Journal of Horticulture 5(6) 1-5 ISSN: 1927 5803	NAAS Score: 2.87	
Effect of Some Schiff base Ligands and their Zn(II) Complexes on Germination and Seedling Growth of Papaya (<i>Carica papaya</i> L.) (2015)	Acharjee, K. Sangma, D. K., Mishra, D. K., Deb, P. and Sinha, B.	Co-author	Indian Journal of Advances in Chemical Science, 3(2) : 141-146 P ISSN: 2320-0898 E ISSN: 2320-0928	Peer reviewed	
Effect of foliar application of biozyme on yield and physicochemical on rainy season crop of guava (<i>Psidium guajava</i> L.) cv. Alahabad Safeda in Alluvial soil of West Bengal (2015)	Sau, S., Sarkar, S., Ghosh, B. and Deb, P. ;	Mentor	International Journal of Bioresource, Environment & Agricultural Science	Peer reviewed	

			3(4): 650-655 ISSN: 2454-3551		
Effect of Different Mulches on Vegetative growth of Strawberry (cv. Tioga) under Red and Lateritic Zone of West Bengal(2014)	Deb, P. , Sangma, D. K. Prasad, B. V. G., Bhowmick, N. and Dey, Koyel	Supervisor	International Journal of Basic and Applied Biology 2(2): 77-80 P ISSN: 2349-5820 E ISSN: 2349-5839	Peer reviewed	
Fruit Growth and Development of Burmese Grape (<i>Baccaurea sapida</i> Muell.Arg.) (2014)	Pradhan, S., Bhowmick, N., Deb, P. , Ghosh, A., Pal, P.K, Roy, B., Paul, P. K., Ghosh, S. K.,	Co-author	Indian Journal of Plant Physiology (Springer), 20(1): 86-91 ISSN: 0019-5502	NAAS Score: 5.18	Springer Scopus Indexed
Performance of Litchi (<i>Litchi chinensis</i> Sonn.) Cultivars at Nonbearing Stage under Terai Zone of West Bengal (2014)	Thapa, Niyat, Bhowmick, N., Dey, Koyel, Ghosh, S. K. and Deb, P.	Co-author	International Journal of Agriculture & Food Science Technology, 5(6): 531-536 ISSN: 2249 3050	Peer reviewed	
Effect of Different Post Harvest Treatments, Packaging and Storage Condition on French Bean (<i>Phaseolus vulgaris</i> L.) (2014)	Prasad, B. V. G., Chakravorty, S. and Deb, P.	Co-author	HortFlora Research Spectrum; 3(2): 150–153 ISSN: 2250-2823	NAAS Score: 3.78	
Physico-chemical Properties of Burmese grape (<i>Baccaurea sapida</i> Muel. Arg.) – An Underutilized Fruit Crop of West Bengal, (2013)	Deb, P. and Bhowmick, N.	Corresponding author	International Journal of Agriculture & Food Science Technology, 4(5): 415-420 ISSN: 2249 3050	Peer reviewed	
Changes in Physico-chemical Attributes of Burmese grape (<i>Baccaurea sapida</i> Muel. Arg.) During Growth and Development (2013)	Bhowmick, N., Deb, P. and Pradhan, S.,	Co-author	International Journal of Bio-resource and Stress management, 4(2): 179-181 ISSN: 0976-3988	NAAS Score: 4.65	
Effect of foliar feeding of commercial formulation of growth regulators on some physico-chemical characters of pineapple (cv. Kew) (2009)	Das, A., Deb, P. , Roy, A., and Suresh, C. P.	Corresponding author	Environment and Ecology; 27(1) : 114-116 ISSN: 0978 -0420	NAAS Score: 4.18	WOS Indexed
Improvement of Seed Germination and Seedling Growth of Papaya (<i>Carica papaya</i> L.) through Different Pre-sowing Seed Treatments (2008)	Deb, P. Roy, A. and Suresh, C. P.	Corresponding author	Acta Horticulturae, 851: 313-316 ISSN: 0567-7572 ISBN:978-90-66050-65-5	Peer reviewed	Impact factor: 0.257 Scopus Indexed

Studies on the performance of chilli genotypes under <i>Terai</i> zone of West Bengal (2008)	Deb, P. , Datta, S. and Paul, P. K.	Main author	Indian Journal of Horticulture; 65(3):55-57 ISSN: 0972-8538	NAAS Score: 6.11	Impact factor: 0.11 Scopus Indexed
Effect of different concentrations of Napthalmic Acetic Acid (NAA) and Indole Butyric Acid (IBA) on success and growth of semi hard wood cutting of lemon (<i>Citrus limon</i>) (2008)	Deb, P. , Bhowmick, N., Ghosh, S. K., and Suresh, C. P.	Corresponding author	Environment & Ecology; 27(3):1041-1042 ISSN: 0978 -0420	NAAS Score: 4.18	
Effect of NAA and GA ₃ on Yield and Quality of Tomato (<i>Lycopersicon esculentum</i> Mill.) (2008)	Saha, P., Das, N., Deb, P. and Suresh C. P.	Corresponding author	Environment & Ecology 27(3):1048-1050 ISSN: 0978 -0420	NAAS Score: 4.18	
Suitability of Some Post Harvest Treatment Combinations for Better Shelf life of Green Chilli (<i>Capsicum annuum</i> L.) (2008)	Deb, P. and Suresh, C. P.	Corresponding author	Asian Journal of Horticulture; 3(2):364-367 ISSN : 0973-4767	Peer reviewed	
Studies on the Performance and Quality Parameters of Some Selected Local Ginger Genotypes Under Terai Zone of West Bengal (2008)	Deb, P. and Suresh, C. P.	Corresponding author	Environment & Ecology; 27(1): 211-212 ISSN: 0978 -0420	NAAS Score: 4.18	
Full length proceedings in International and National seminar/conference					
Quality Evaluation of Some Jackfruit Genotypes of Eartern and North Eastern India, (2014)	Deb, P. , Munsu, P.S. and Bhowmick, N.	Corresponding author	Proceedings of 2 nd International Symposium on Minor Fruits and Medicinal Plants for Better Lives (Sri Lanka), page: 68-73		
Fruiting Behaviour Fruit Growth and Development of Carambola (<i>Averrhoa carambola</i> L.) Under Red and Lateritic Areas of Eastern India (2014),	Mandal Sanjib, Munsu, P.S. and Deb, P.	Corresponding author	Proceedings of 2 nd International Symposium on Minor Fruits and Medicinal Plants for Better Lives (Sri Lanka), page: 150-157		
Diversity of Minor Fruit Crops under North Bengal and North Eastern Region of India (2009),	P. Deb and C. P. Suresh	Corresponding author	Proceedings of International Conference on Quality Seed and Food Security, Bangladesh Agricultural University, Mymensingh, Bangladesh, 17-19 th Feb, 2009., page:47-50		
Performance of Different Guava (<i>Psidium guajava</i>) Cultivars under	Suresh C., P. Deb, P.	Corresponding author	Proceedings of the International		

Terai Zone of West Bengal (2009)	Medda, P. S. and Ghosh, S. K.		Conference on Quality Seed and Food Security, Bangladesh Agricultural University, Mymensingh, Bangladesh, 17-19 th Feb, 2009., page:95-96		
Fruit Cultivation in North Bengal, India – Present Status and future Scope (2009)	Suresh, C. P., and Deb, P.	Corresponding author	Proceedings of the International Conference on Quality Seed and Food Security, Bangladesh Agricultural University, Mymensingh, Bangladesh, 17-19 th Feb, 2009., Page:123-127		
Management in Postharvest Systems of Horticultural Crops: an Indian Perspective (2016)	Authors: Munsi, Partha Sarathi and Deb Prahlad,	Co-author	Proceedings of National Seminar on Horticultural Diversity for Prosperity, 10 – 12 February, 2016, OUAT, Bhubaneswar, Odisha , Page – 17 – 21		

Books and Book Chapters publication in ISBN volumes

(a) Books

Title	Author(s)	Year of Publication	Pages	Publisher	ISBN No.
Advances in Pineapple Production, Postharvest and Processing Technology	Prahlad Deb and Nles Bhowmick	2024	1-256	NIPA GEN X, New Delhi	ISBN: 978-9-35887-276-7
Hand Book in Practices on Plant Propagation and Nursery Management	Nilesh Bhowmick, Prahlad Deb, A. Dey, N. Saha, Shantosankar, G. M.	2023	1-66	Agro India Publisher, New Delhi	ISBN: 978-81-958749-2-7
Spices: Agrotechniques for Quality Produce,	Sharangi, Amit Baran; Datta Suchand and Deb, Prahlad	2018	1-432	Apple Academic Press INC, Canada	ISBN:978-1-77188-635-2
Innovative Horticulture, Concepts for Sustainable	Deb, P., Bhowmick, N., Munsi, P.S. and Ghosh, S. K.	2017	1-265	New Delhi Publisher, New Delhi	ISBN: 978-93-86453-07-5

Development, Recent Trends (Vol-II),	(Eds.)				
Innovative Horticulture, Concepts for Sustainable Development, Recent Trends	Munsi, P.S., Ghosh, S. K., Bhowmick, N. and Deb, P. (Eds.)	2014	1-479	New Delhi Publisher, New Delhi	ISBN: 978-93-81274-85-9

(b) Book Chapters

Citation of the Book	Citation of the Chapter	Publisher	Year
Fruits: Tropical & Subtropical (Vol-4) Editors: V. A. Parthasaraty, T. K. Bose, S. K. Mitra, B. Ghosh, I. Chakraborty and D. Sanyal ISBN: 9789390435463	Title of Book Chapter: Loquat Author: Pathak, R.K., Gautam, H. O. Deb, Prahlad and Chakraborty, I. Page: 469-520	Publisher: Astral Internatinal Pvt. Ltd. New Delhi	2021
Fruits: Tropical & Subtropical (Vol-4) Editors: V. A. Parthasaraty, T. K. Bose, S. K. Mitra, B. Ghosh, I. Chakraborty and D. Sanyal ISBN: 9789390435463	Title of Book Chapter: Phalsa Author: Shankar, G., Deb, Prahlad Saha, T., Acharya, B. and Chakraborty, I. Page: 577-604	Publisher: Astral Internatinal Pvt. Ltd. New Delhi	2021
Plants the Natural Wonder; Editors: S. Bandopadhyay, D. K. Hens and P.S. De; ISBN:978-93-85775-06-2	Title of Book Chapter: Underutilized Plant Species for Food cum Nutritional Security and Medicinal Benefit Author: Deb, Prahlad Page: 44-59	Publisher: Damodar Group, Burdwan, WB	2017
A Handbook of Advanced Production Technology of Some Commercial Flowers Editor: Prof. T.K. Chattopadhyay ISBN no. 978-93-272-8266-5	Title of Book Chapter: Tuberose Authors: Deb, P. , Munsi, P. S. and Sadhukhan R. Page: 113-129	Publisher: Kalyani Publisher, Ludhiana	2017
Protected Cultivation of Ornamental Plants, Editor: Dr. L. C. De ISBN: 978-81-7910-532-0	Title of Book Chapter: Protected Cultivation of Indoor Plants, Authors: De, L. C. and Deb Prahlad Page: 255-262	Publisher: Aavishkar Publishers, Jaipur	2016
Protected Cultivation of Ornamental Plants, Editor: Dr. L. C. De ISBN: 978-81-7910-532-0	Title of Book Chapter: Protected Cultivation of Seasonal Annuals, Authors: De, L. C., Deb Prahlad and Thapa, Suman Page: 283-289	Publisher: Aavishkar Publishers, Jaipur	2016
Trailing the Footprints of Nutrition and Wellness: Entrapping Foothold of Healthy Nation, Editors: S. Chowdhury, D. Sarkar, B. Mondal, A. Mukherjee and K. Chatterjee ISBN: 978-81-88904-88-4	Title of Book Chapter: Common Tribal Herbs of Semi-arid Lateritic Belt of West Bengal for Nutritional Security and Medicinal Benefit(2016), Author: Deb, Prahlad Page: 310-318	Publisher: Anand Prakashan, Kolkata, India	2016
A Handbook of Nursery, Editor: Prof. T.K. Chattopadhyay ISBN no. 978-93-272-4644-5	Title of Book Chapter: Components of Nursery (2014). Authors: Deb, P. , Suresh, C. P. and Munsi , P. S. Page: 37-58	Publisher: Kalyani Publisher, Ludhiana	2014
A Handbook of Nursery, Editor: Prof. T.K. Chattopadhyay	Title of Book Chapter: Macropropagation Authors: Deb, P. and	Publisher: Kalyani Publisher, Ludhiana	2014

ISBN no. 978-93-272-4644-5	Munsi, P. S. Page: 74-98		
A Handbook of Nursery, Editor: Prof. T.K. Chattopadhyay ISBN no. 978-93-272-4644-5	Title of Book Chapter: Micropropagation Authors: Deb, P. and Munsi, P. S. Page: 99-116	Publisher: Kalyani Publisher, Ludhiana	2014
Innovative Horticulture: Concepts of Sustainable Development, Recent Trends Editors: P.S. Munsi, S. K. Ghosh, N. Bhowmick and P. Deb ISBN no: 978-93-81274-85-9	Title of the Chapter: Bael – A tree of Multiple Use Authors: Sneha, Kumari Sweta, Sangma, D. K., Pokhrel H. and Deb, P.	Publisher: New Delhi Publisher, New Delhi	2014
Innovative Horticulture: Concepts of Sustainable Development, Recent Trends Editors: P.S. Munsi, S. K. Ghosh, N. Bhowmick and P. Deb ISBN no: 978-93-81274-85-9	Title of the Chapter: Mahua: an Under utilized and Potential Wild Fruit in India Authors: Pal Ranjit, Roy D., Das S. and Deb, P.	Publisher: New Delhi Publisher, New Delhi	2014
Innovative Horticulture: Concepts of Sustainable Development, Recent Trends Editors: P.S. Munsi, S. K. Ghosh, N. Bhowmick and P. Deb ISBN no: 978-93-81274-85-9	Title of the Chapter: Precision Farming in Horticulture Authors: Shangpliang M. M., Prasad B.V.G., Chakravorty S. and Deb, P.	Publisher: New Delhi Publisher, New Delhi	2014
Innovative Horticulture: Concepts of Sustainable Development, Recent Trends (Vol-II) Editors: Prahlad Deb, N. Bhowmick, P.S. Munsi, and S. K. Ghosh ISBN no: 978-93-86453-07-5	Title of the Chapter: Agriculture in Cooch Behar District of West Bengal – A Brief Scenario Authors: Deb, Prahlad and Bhowmick, N.	Publisher: New Delhi Publisher, New Delhi	2017
In: Precision Horticulture: Towards Value Addition and Marketing, Editors: S.K. Acharya, A.B. Sharangi, M.K. Pandit and S. Datta ISBN no: 978-81-83212-64-9	Title of Book Chapter: Value addition and Precision Minor Fruits Authors: Bhowmick, N. and Deb, Prahlad Page: 146-156	Publisher: Agrotech Publishing Academy, Udaipur	2012
In: The Status of Women in India, Editor: Prof. Manjari Biswas (Bhaumik) ISBN No.978-93-80031-76-7	Title of Book Chapter: Importance of Horticulture Education for the Development and Empowerment of Tribal Women of North Bengal Authors: Deb, P., Suresh, C. P. and Ghosh, S. K. Page: 69-74	Publisher: Abhijit Publications, New Delhi	2010
In: Banana – New Innovations, Editors: Dr. H. P. Singh and Dr. M. Mustafa ISBN No 81-85873-49-7	Title of Book Chapter: Cultivation of Banana Under Treai Zone of West Bengal Authors: Suresh, C. P., Ghosh, S. K., Deb, P. , M. A. Hasan Page: 197-199	Publisher: Westville Publisher, New Delhi	2009

(c) Popular Articles

Citation of the Article	Source of Publication	Date / Volume
Title: Aam (Mango) Authors: Deb, Prahlad, Singh, D. K., Paul, P. K. Page: 39-55	Faculty of Horticulture, UBKV, Pundibari, Cooch Behar, WB	2006, Article in Bengali book entitled: Unnato Prothay Phaler Chas (Pratham Khando) (Modern Technology of Fruit Production, Vol-I)
Title: Kala (Banana) Authors: Deb, Prahlad and Suresh, C. P.	Faculty of Horticulture, UBKV, Pundibari, Cooch Behar, WB	2006, Article in Bengali book entitled: Unnato Prothay Phaler Chas (Pratham Khando) (Modern Technology of Fruit

Page: 56-63		Production, Vol-I)
Title: Peyara (Guava) Authors: Deb, Prahlad, Das, Arun and Suresh, C. P. Page: 77-86	Faculty of Horticulture, UBKV, Pundibari, Cooch Behar, WB	2006, Article in Bengali book entitled: Unnato Prothay Phaler Chas (Pratham Khando) (Modern Technology of Fruit Production, Vol-I)
Title: Lichu (Litchu) Authors: Deb, Prahlad, Das, Arun and Paul, P. K. Page: 87-96	Faculty of Horticulture, UBKV, Pundibari, Cooch Behar, WB	2006, Article in Bengali book entitled: Unnato Prothay Phaler Chas (Pratham Khando) (Modern Technology of Fruit Production, Vol-I)
Title: Kanthal (Jackfruit) Authors: Deb, Prahlad and Paul, P. K. Page: 97-102	Faculty of Horticulture, UBKV, Pundibari, Cooch Behar, WB	2006, Article in Bengali book entitled: Unnato Prothay Phaler Chas (Pratham Khando) (Modern Technology of Fruit Production, Vol-I)
Title: Sabeda (Sapota) Authors: Deb, Prahlad, Suresh, C. P. and Roy, Amar Page: 103-111	Faculty of Horticulture, UBKV, Pundibari, Cooch Behar, WB	2006, Article in Bengali book entitled: Unnato Prothay Phaler Chas (Pratham Khando) (Modern Technology of Fruit Production, Vol-I)
Title: Aanasaser Phul O Phal Nyantran (Flowering and Fruiting Regulation of Pineapple) Authors: Deb, Prahlad and Roy, Amar Page: 27-29	Faculty of Horticulture, UBKV, Pundibari, Cooch Behar, WB	2007, Article in Bengali book entitled: Uttar Bange Banijjik Vittite Anaras Chas (Commercial Cultivation of Pineapple in North Bengal)
Title: Unnato Prothay Phal Gachher Chara Toiri (Improved Production of Planting Materials of Fruit Crops) Authors: Suresh, C. P., Deb, Prahlad and Ghosh, S. K. Page: 20-30	Faculty of Horticulture, UBKV, Pundibari, Cooch Behar, WB	2007, Article in Bengali book entitled: Uddan Palan er Nursery Porichorja (Nursery Management in Horticulture)
Title: Jaibik Uddan Palan E Phal Chas (Fruit Production in Organic Horticulture) Authors: Suresh, C. P., Paul, P. K., Deb, Prahlad and Ghosh, S. K. Page: 15-21	Faculty of Horticulture, UBKV, Pundibari, Cooch Behar, WB	2007, Article in Bengali book entitled: Jaibik Uddan Palan (Organic Horticulture)
Title: Uttor Banger Upojogi Aanas Jiant Kew, Queen (Article on Pineapple Production) Authors: Deb, Prahlad Page: 3	Leading Bengali Daily	09.08.2012, Vol: Krishi O Krishak
Title: Ekhoni Satarka Na Hole Haatchhara Hobe Aanaser Deshio Bazar (Article on Pineapple Production) Authors: Deb, Prahlad Page: 3	Leading Bengali Daily	16.08.2012, Vol: Krishi O Krishak

Medals, Awards and Fellowships obtained

Sl. No.	Name and year of the Award	Sponsor
1.	Research Excellence Award 2023	Society for Biotic and Environmental Research (SBER), Registered under NITI Ayog, Govt. of India
2.	Best Oral Presentation Award (Second) in Global Conference on Emerging Agricultural Research to Endure the Predicament of Covid-19 Pandemic, 12-13 Dec'2020	Agricultural Economics and Social Science Research Association
3.	Best Publication Award in the Year 2014	Society for Advancement of Human and Nature
4.	Best Oral Presentation Award (Second) in National Seminar on Medicinal, Aromatic and Spices Plants – Perspectives and Potentials, 18 Dec'2006	Indira Gandhi Krishi Viswavidyalaya, Chhatis Garh

Invited Lectures at National/ International bodies / Institutions.

S. No.	Title of Lecture / Academic Session	Title of Conference / Seminar etc.	Organised by	Whether international /national
1	Pineapple under Western dry tract of West Bengal	National Seminar on Horticulture for Sustainable Development, Nutritional and Livelihood Security, 26-27 May, 2022	Uttar Banga Krishi Viswavidyalaya, Pundibari, Cooch Behar, West Bengal	National
2.	Variation in Fruit Physico-Chemical Characters of Some Jackfruit Genotypes under Semi-arid Lateritic Belt of West Bengal, India	6 th International Symposium on Minor Fruits, Medicinal and Aromatic Plants, 24- 26 November, 2022	Uttar Banga Krishi Viswavidyalaya, Pundibari, Cooch Behar, West Bengal	International
3.	Traditional processing and value addition of horticultural crops can play a crucial role in enhancing the livelihoods of rural people	Two Days National Seminar on Sustainable Management of Natural Resources for Food Security and Livelihood Promotion under Climate Change Scenario, 29-30 March, 2024	Department of Biological Sciences (Agriculture), Midnapore City College, West Midnapore, West Bengal	National

Other related attainments

Category of Special Attainment	Details of Special Attainment	Additional details/ Information
Chairman/Member-Secretary of Scientific Committees, Member Task Forces and other Policy Making Bodies, etc.		
Worked as Paper setter, External examiner, Thesis evaluator, Viva-voce examiner, etc. List only 4 such activities.	<ol style="list-style-type: none"> 1. Acted as paper setter at UBKV, BCKV, Visva-Bharati, Bihar Agricultural University, OUAT etc. 2. Acted as script examiner of different courses UBKV, BCKV, Visva-Bharati 3. Acted as Thesis evaluator at BCKV, UBKV, Nagaland University, University of Calcutta 4. Acted as External Examiner RHWE, BCKV 	
Experience of working/ training in an International Organization/ Laboratory other than Post-Doctoral Fellow		
President/ Secretary of Registered Professional Societies/ Chief editor of NAAS rated journals	<ol style="list-style-type: none"> 1. Executive Body Member, International Society for Minor Fruits, Medicinal & Aromatic Plants 2. Executive Body Member, Agricultural Society of India 	
Organisation of Seminar/ Symposium/refresher course as Chairman/Organizing Secretary/ Convener or Invited for Lecture/ Chairman of a Technical Session in International Conventions, Conferences, Symposia etc. or participated as member of an	<p><u>Organization of seminar:</u></p> <ol style="list-style-type: none"> 1. Organized National Seminar on Integrated Approaches in Horticulture for Sustainable Development, 29-30 November, 2014 at Palli Siksha Bhavana, Visva-Bharati as ORGANIZING SECRETARY 2. Organized National Seminar on Mixed Farming – A Traditional Practice to Enhance the Income of 	Acted as ORGANIZING SECRETARY

International delegation	<p>Farmers, 24-25 March, 2018 at Palli Siksha Bhavana, Visva-Bharati as ORGANIZING SECRETARY</p> <p><u>Invited lecture: 4</u></p> <ol style="list-style-type: none"> 1. Pineapple Under Western Dry Tract of West Bengal – A Research Note. In: National Seminar on “Horticulture for Sustainable Development, Nutritional & Livelihood Security, 26-27 May, 2022, Uttar Banga Krishi Viswavidyalaya 2. Effect of Postharvest treatment of different chemicals on storage behaviour of sapota fruits. In Workshop cum National Seminar on Trends in Modern Biology: Techniques and Applications; 23 - 24 March 2019, Department of Zoology, Siksha Bhavana, Visva-Bharati, Santiniketan 3. Strategic Issues in Horticulture for Livelihood and Sustainable Development, In: National Seminar on Glimpses of Biology Beyond Text Books, 27 February 2018, Department of Zoology, Pingla Thana Mahavidyalaya, Paschim Medinipur, West Bengal 4. Underutilized Plant Species for Food-cum-Nutritional Security and Medicinal Benefit, In: National Seminar on Plant, The Natural Wonder: Issues and Concern, 4-5 October 2016, Sonamukhi College Sonamukhi, Bankura, West Bengal 5. Composite Roof Top Garden, In: State Level Seminar on Horticulture Entrepreneurship Development in North Bengal, 03 – 04 March, 2016, RRS, Majhian, UBKV <p><u>Chairman of a Technical Session</u></p> <p>One Day International Seminar on Emerging Trends in Biological Sciences, 8 November, 2022, Suri Vidyasagar College, Suri, Birbhum, West Bengal</p>	<p>Acted as ORGANIZING SECRETARY</p> <p>Acted as INVITED SPEAKER</p> <p>Acted as INVITED SPEAKER</p> <p>Acted as RESOURCE PERSON</p> <p>Acted as RESOURCE PERSON</p> <p>Acted as RESOURCE PERSON</p> <p>Acted as CHAIRMAN of Technical Session</p>
Innovation, popularization of new technologies, organization of	<u>TV Programme:</u>	

<p>farmers' Training Courses / <i>Krishi Melas</i> / Exhibitions, delivered Radio Talks / TV shows, Organization building, etc.</p>	<ol style="list-style-type: none"> 1. Discussion Programme on High Value Vegetable Farming in Krishidarshan Programme on 24.08.2017 from Door Darshan Kendra, Santiniketan 2. Discussion Programme on Floriculture in Winter in Krishidarshan Programme on 22.09.2016 from Door Darshan Kendra, Santiniketan 3. Discussion Programme on Commercial Flower Cultivation in Krishidarshan Programme on 16.12.2015 from Door Darshan Kendra, Santiniketan 4. Discussion Programme on Broccoli and Colour Vegetables Cultivation in Krishidarshan Programme on 20.11.2014 from Door Darshan Kendra, Santiniketan 5. Discussion Programme on Banana Cultivation in Krishidarshan Programme on 20.11.2014 from Door Darshan Kendra, Santiniketan 6. Discussion Programme on Package & Practices of Cauliflower in Krishidarshan Programme on 20.11.2014 from Door Darshan Kendra, Santiniketan 7. Discussion Programme on Management of Seed Bed for Winter Vegetables in Krishidarshan Programme on 02.07.2013 from Door Darshan Kendra, Santiniketan 	
	<p><u>Radio Programme:</u></p>	
	<ol style="list-style-type: none"> 1. Live phone in Interview in Kishan Vani on “Preparation for Pineapple Cultivation on 14.08.2018 from All India Radio, Santiniketan 2. Discussion Programme on Cultivation of Gladiolus on 24.10.2013 from All India Radio, Santiniketan 	
	<p><u>Farmers' Training Programme:</u></p>	
	<ol style="list-style-type: none"> 1. Delivered lecture & demonstration on “Kitchen Gardening in Winter Season” in Farmers' Training Programme on 04.11.2022 organized by Department of Horticulture & PHT, Palli Siksha Bhavana, Visva-Bharati 2. Delivered lecture on “Rainy Season Vegetable Cultivation” in Farmers' Training Programme on 30.07.2016 organized by Department of Crop Improvement, Horticulture & Agril. Botany, Palli Siksha Bhavana, Visva-Bharati 3. Delivered lecture on “Scope of Horticulture under Red & Lateritic Zone” in Farmers' Training Programme on 21.03.2016 organized by FIAC, ADA, Khoyrasole, Birbhum 4. Delivered lecture on “Summer Season Vegetable Cultivation” in Farmers' Training Programme on 30.07.2016 organized by Department of Crop Improvement, Horticulture & Agril. Botany, Palli Siksha Bhavana, Visva-Bharati 5. Delivered lecture on “Integrated Farming in Coconut and Establishment of Coconut Nursery and Its Management” in Farmers' Training Programme on 24.08.2014 organized by Rathindra Krishi Vigyan Kendra, Palli Siksha Bhavana, Visva-Bharati 6. Delivered lecture on “Establishment of Coconut 	

	<p>Nursery and Its Management” in Farmers’ Farmers’ Training Programme on 16.01.2014 organized by Rathindra Krishi Vigyan Kendra, Palli Siksha Bhavana, Visva-Bharati</p> <p>7. Delivered lecture on “Prospect of OrganicCultivation Technology in Red & Laterite Zone of West Bengal” in Farmers’ Training/ Seminar Programme on 09.12.2013 organized by Deptt.of Food Processing Industries & Horticulture, Birbhum</p> <p>8. Delivered lecture on “Profitable Cultivation of Flowers” in Farmers’ Training Programme on 24.08.2014 organized by IFFCO at Rathindra Krishi Vigyan Kendra, Palli Siksha Bhavana, Visva-Bharati</p>	
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