

Dr. Ratan Das, Senior Scientist and Head**Qualification**

- 1) B.Sc. (Horticulture): 2009-2013 College of Horticulture and Forestry, Pasighat Arunachal Pradesh, Central Agricultural University Imphal.
- 2) M. Sc. (Horticulture) in Vegetable Science: 2013-2015: COH. Bangalore, UHS. Bagalkot, Research work and Guide from ICAR-Indian Institute of Horticultural Research (IIHR) in Bengaluru
- 3) Ph.D in Horticulture: 2015-2019: Visva Bharati University**
- 4) ICAR - ASRB -NET: 2015
- 5) Master In Computer Software TechnologyMCS: ALMA, Noida

Specialization / Discipline

Horticulture

Positions held**Senior Scientist and Head (I/C) :**

August . 2026 – till date at KVK Unakoti, Chantail, Tripura

Subject meter Specialist) :

July, 2021- till date at KVK Unakoti, Chantail, Tripura

Senior Research Fellow (SRF)

January, 2019 – June, 2021 at ICAR-NRCG, Pune

Area of specialization

1. Vegetable breeding with biotechnological techniques and Production.
2. Agricultural Nanotechnology.
3. Protection of horticultural crop.
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5. Mushroom

Major crop focus: Onion, Grapes

Professional experience

- Successfully Introduced grapes in Tripura towers commercial cultivation.
- Molecular characterization and population structure analysis for purple blotch disease

resistant in onion (*Allium cepa* L.) genotypes.

- Effect of silver nanoparticle (AgNPs) on growth, yield, quality and management of purple blotch disease in onion (*Allium cepa* L.)."

Research Project As a PI & Co PI

1.

Honours and recognition :

1. **Adwaita Malla barman Smarak Samman in 2025 by Government of Tripura** for outstanding contribution in the field of agriculture.
2. Best Research Thesis Award (Ph.D.) for outstanding research in Ph.D.

Patent:

Received Four (4) number of Patent.

Book Published

Three (3) Number of book was published.

Research Paper and other publications

Published numbers of research paper in high impact and high NASS related journals. Also published many book chapters, review papers and many articles and abstracts covering different aspect of horticulture. Delivered more than 65 nos of radio talks in different aspect of horticulture.