

**List of Ongoing Projects as on 26.06.2023**

Center/Division	Ongoing projects
Mizoram	4
Arunachal Pradesh	11
Nagaland	10
Sikkim	9
Manipur	13
Tripura	9
DAFS (HQs)	15
DSRE (HQs)	17
DCS (HQs)	10
DTAC (HQs)	4
Total	102



Ongoing Institute Projects

Regional Center: MIZORAM

Sl. No.	Project Title	PI	CO-PI	RPP-I (DOS)	RPP-I (DOC)	Year of Completion	Discipline
1.	Effect of land use on phosphorus pools and sorption characteristics in acidic soil of Mizoram	Lungmauna	Jeetendra K. Soni A. Balusamy	2021	2024	2024	Soil Science
2.	Surveillance and analysis of antimicrobial resistance pattern of Staphylococcus aureus in pig and cattle in Mizoram	Lalhruaipuii	S. Doley	2021	2026	2026	Veterinary Microbiology
3.	Diversification of aquaculture practices for enhancing aquaculture production in Mizoram	P.L. Lalrinsanga	S. Doley	2021	2024	2024	Aquaculture
4.	Natural farming - A pilot study in Mizoram	S. Doley	Lalhruaipuii Lungmuana P. L. Lalrinsanga J. K. Soni Y. Bijen	2022	2025	2025	Poultry Science



Ongoing Institute Projects

Regional Center: ARUNACHAL PRADESH

Sl. No.	Project Title	PI	CO-PI	RPF-I (DOS)	RPF-I (DOC)	Year of Completion	Discipline
1.	Assessment of self-reported occupational hazards in rural pig and poultry farmers in eastern parts of Arunachal Pradesh	Doni Jini	Sandeep Ghatak Samir Das H. Kalita	Aug., 2019	Sept., 2023	2023	Veterinary extension
2.	Identification of suitable Rainfed Maize based Intensified Cropping systems for Upland conditions of Arunachal Pradesh	Badapmain Makdoh	Letngam Touthang Thejangulie Angami Ampee Tasung H. Kalita	2021	2023	2023	Agronomy
3.	Acidic soil tolerance in rice genotypes for mid-altitude of Arunachal Pradesh	Letngam Touthang	Badapmain Makdoh H. Kalita Ampee Tasung Bijoya Bhattecharjee C. Aochen Ganga Rani	Sept., 2021	Sept., 2024	2024	Plant breeding
4.	Local landraces for improving yield potential of maize in Arunachal Pradesh	Letngam Touthang	Badapmain Makdoh H. Kalita Raghuveer Singh W. Philanim	Sept., 2021	Sept., 2024	2024	Plant breeding
5.	Standardization of organic nutrient management in Assam lemon under mid-hill conditions of Arunachal Pradesh	Thejangulie Angami	H. Kalita Raghuveer Singh Ampee Tasung	July, 2021	June, 2024	2024	Horticulture (Fruit science)
6.	Standardization of vegetable based cropping sequence under protected structures	Thejangulie Angami	H. Kalita Raghuveer Singh Badapmain Makdoh	July, 2021	June, 2024	2024	Horticulture (Fruit science)
7.	Evaluation of carbon sequestration potential of different Agroforestry systems of mid-hills of Arunachal Pradesh.	Rajesh A. Alone	Badapmain Makdoh	July, 2021	June, 2024	2024	Agroforestry



8.	Development of organic disease management module of tomato late blight (<i>Phytophthora infestans</i> (Mont.) de Bary) in Arunachal Pradesh	Raghuveer Singh	H. Kalita Theja Angami Letngam Touthang	Jan., 2021	Dec., 2023	2023	Plant Pathology
9.	Organic management of insect pests in chilli in Arunachal Pradesh	H. Kalita	Raghuveer Singh Theja Angami Ampee Tasung	Aug., 2021	Dec., 2024	2024	Agricultural Entomology
10.	Mithun Pravandhan an android mobile based application for mithun (<i>Bos frontalis</i>) farmer of Arunachal Pradesh	Doni Jini	Joken Bam N. Uttam Singh H. Kalita	2022	2024	2024	Veterinary extension
11.	Gastrointestinal parasitism in livestock population of Arunachal Pradesh and the status of Anthelmintic efficacy against nematodes in ruminants	Joken Bam	Doni Jini Meena Das	2022	2025	2025	Veterinary extension



Ongoing Institute Projects

Regional Center: NAGALAND

Sl. No.	Project Title	PI	CO-PI as on date	RPF-I (DOS)	RPF-I (DOC)	Year of Completion	Discipline
1.	Assessment of liquid stored boar semen quality after removing seminal plasma proteins and supplementation with melatonin	Mahak Singh	G. Kadirvel Rahul Katiyar	Oct., 2019	Oct., 2023	2023	Animal Reproduction and Gynaecology
2.	Standardization and development of native phosphorus solubilizing microorganisms (PSMs) based bioformulation for increase phosphorus (P) dissolution in acidic soils of North Eastern Hill Region	Christy B.K. Sangma	Rajasha G L.K. Baishya T. Ramesh S. Hazarika B.U. Chowdhury Ratan Kumar Singh L.J. Bordoloi	Aug., 2019	July, 2024	2024	Soil Science
3.	Effect of Conservation agriculture, precision Nutrients and Water management practices in cereal based cropping system in foot hills of Nagaland.	L. K. Baishya	Christi B. K. Sangma D. J. Rajkhowa Jayanta Layek	2021	2026	2026	Agronomy
4.	Studies on resource use efficiency, Energy budgeting and Sustainability of IFS models for small and marginal farmers of Nagaland.	L. K. Baishya	D. J. Rajkhowa Christi B. K. sangma Jyotish Barman Azezee Seyie Aabon Yantan	2021	2024	2024	Agronomy
5.	Development of high yielding rice varieties for Nagaland	Harendra Verma	S. P. Das Amit Kumar Krishnappa R S. K. Sharma D. J. Rajkhowa	July, 2021	June, 2026	2026	Plant Breeding



Sl. No.	Project Title	PI	CO-PI as on date	RPF-I (DOS)	RPF-I (DOC)	Year of Completion	Discipline
6.	Development of high yielding Naga mircha (<i>Capsicum chinense</i> Jacq.) varieties for Nagaland	Azeze Seyie	Harendra Verma	July, 2021	June, 2026	2026	Spices, Pln. Med. & Arom. Plant
7.	Shelf life extension and value addition in Naga mircha (<i>Capsicum chinense</i> Jacq.)	Aabon W. Yanthan	Azeze Seyie S.R. Assumi	2021	2024	2024	Vegetable Science
8.	Environmental sustainability and resource use efficiency of Poultry and Pigs in NEH India	Mahak Singh	Jayanta Layek Rahul Katiyar	2022	2023	2023	Animal Reproduction
9.	Assessment of species composition and carbon stock of existing agroforestry systems under mid tropical zone of Nagaland	Pempa L. Bhutia	Christy B.K. Sangma Azeze Seyie L.K. Baishya	2022	2025	2025	Agroforestry
10.	Evaluation of production performance through different species combination for enhancing aquaculture production under Nagaland conditions	Jyotish Barman	S.K. Das D.J. Rajkhowa	2022	2025	2025	Fisheries Resource Mgmt.



Ongoing Institute Projects

Regional Center: SIKKIM

Sl. No.	Project Title	PI	CO-PI as on date	RPF-I (DOS)	RPF-I (DOC)	Year of Completion	Discipline
1.	Development of high yielding varieties of rice (<i>Oryza sativa</i> L.) with biotic and abiotic stress resistance for organic conditions of Sikkim	E. Lamalakshmi Devi	Amit Kumar Shaon Kumar Das	June, 2018	Nov., 2023	2023	Plant Breeding
2.	Development of productive and genetically broad based inbred lines from local maize germplasm of North Eastern India for evolving superior hybrids	E. Lamalakshmi Devi	Shaon K. Das Amit Kumar	Mar., 2019	July, 2024	2024	Plant Breeding
3.	Studies on epidemiology of blight of large cardamom and its management under organic conditions	Tshering Lhamu Bhutia	Shaon Kumar Das Sudip Kumar Dutta Akoijam Ratankumar	July, 2018	July, 2023	2023	Plant Pathology
4.	Flower and fruit drop studies in Sikkim mandarin under organic management practices	S. K. Dutta	Shaon Kumar Das T.L. Bhutia E. Lama Lakshmi Devi	June, 2018	May, 2023	2023	Fruit Science (Horticulture)
5.	Development of organic nutrient management packages for intensified rice and maize based cropping sequences.	Amit Kumar	Saurav Saha Tshering L. Bhutia	Aug., 2019	July, 2024	2024	Agronomy
6.	Viral causes of porcine diarrhea: A study into risk factor analysis, molecular epidemiology and development of nucleo-diagnostics	Mukesh Bhatt	Arnab Sen A.P. Milton R. Laha	Sept., 2019	Aug., 2024	2024	Veterinary Microbiology (Animal Health)



Sl. No.	Project Title	PI	CO-PI as on date	RPF-I (DOS)	RPF-I (DOC)	Year of Completion	Discipline
7.	Study the effect of canopy architecture and source sink competition in organic kiwifruit production system	S. K. Dutta	T. L. Bhutia E. Lamalakshmi Devi	Aug., 2019	July, 2023	2023	Fruit Science (Horticulture)
8.	Assessing the impact of land use on soil physical properties influencing soil erosion process under contrasting climate regimes in north east India	Saurav Saha	Lungmuana Debasish Chakraborty M. Chakraborty Amit Kumar S. Hazarika	Oct., 2021	Sept., 2026	2026	Agril. Physics
9.	Collection, Characterization and Conservation of under-utilized vegetables of North East India and Darjeeling Himalayas	Tshering Lhamu Bhutia	S.K. Dutta E. L. Devi Amit Kumar Azeze Seyie C. Premabati Devi H. Talang V. K. Verma	July, 2021	June, 2026	2026	Spices, Pln. Med. & Arom. Plant (Horticulture)



Ongoing Institute Projects

Regional Center: MANIPUR

Sl. No.	Project Title	PI	CO-PI as on date	RPF-I (DOS)	RPF-I (DOC)	Year of Completion	Discipline
1.	Characterization and genetic improvement of Chakhao landraces (Manipur black rice) for yield, abiotic and biotic stresses through biotechnological strategies	N. Umakanta	Amit Kumar A. Ratankumar Singh I. M. Singh T. Basanta Singh Romila Akoijam	Nov., 2018	Sept., 2023	2023	Agril. Biotechnology (Plant Breeding)
2.	Utilization of Trapa bisprnosa roxv Eichhornia Crassipes and Perilla for improving the performance and quality of chicken egg	Chongtham Sonia	S. Doley M. Niranjana Blessa Sailo	Aug., 2019	Sept., 2024	2024	Poultry Science (Animal Production)
3.	Genetic characterization, infectivity and quasispecies evolution of prevalent and emerging viral pathogens: development of simplified universal diagnostics	Akoijam Ratankumar Singh	S.S. Roy Arati Ningombam Romila Akoijam Raghuveer Singh	Oct., 2019	Jan., 2025	2025	Plant Pathology
4.	Isolation and characterization of native beneficial microbes associated with rhizosphere soils of cultivated horticultural crops for suppression of phytopathogenic Fusarium and Colletotrichum species	A. Ratan Kumar Singh	Pankaj Baiswar Tasvina R Borah V K Verma Mahasweta Chakraborty	2021	2024	2024	Plant Pathology
5.	Development of a Robust Diagnostic for Rapid Detection of Helicobacter pullorum from Poultry Samples	Blessa Sailo	Chongtham Sonia	Sept., 2019	Aug., 2024	2024	Veterinary Public Health (Animal Health)
6.	Breeding for improved productivity of sticky aromatic rice of Manipur	Konsam Sarika	Konsam Sarika Romila Akoijam	Aug., 2019	July, 2023	2023	Plant Breeding



Sl. No.	Project Title	PI	CO-PI as on date	RPF-I (DOS)	RPF-I (DOC)	Year of Completion	Discipline
7.	Breeding for high yielding varieties of Field Pea (<i>Pisum Sativum</i> L.) with multiple disease resistance suitable for North East Region.	I. M. Singh	S. K. Sharma Ch. Premabathi Devi I. M. Singh	Oct., 2019	Sept., 2023	2023	Plant Breeding
8.	Unleashing the potential of natural essential oils derived from three indigenous plants of Manipur for organic pest management and antimicrobial activity	Arati Ningombam	Romila Akoijam A Ratan Singh Blessa Sailo	2021	2025	2025	Agril. Entomology
9.	Persistence and decontamination study of insecticide residues on vegetables in different seasons	Romila Akoijam	Arati Ningombam T. Basanta Singh Ch. Premabathi Devi	2021	2024	2024	Agril. Entomology
10.	Economic Impact of adoption of improved rice varieties by farmers of Manipur	Kh. Rishikanta Singh	N. Umakanta Singh I. M. Singh	2021	2024	2024	Agril. Economics (Social Science)
11.	Evaluation of <i>Gmelina arborea</i> based agroforestry system for hill agroecosystem of Manipur.	Chanu Langlentombi	Kh. Rishikanta Singh T. Basanta Singh Ch. Premabathi Devi	2022	2027	2027	Agroforestry
12.	Evaluation of <i>Silurid</i> fish resources of Manipur for development of breeding and culture technologies	Ch. Basudha Devi	Anand Wakambam	2022	2026	2026	Fisheries Resource Mgmt. (Fisheries)
13.	Study on upscaling of fish seed production in pen enclosures under Manipur conditions	Anand Wakambam	Ch. Basudha Devi Kh. Rishikanta Singh Blessa Sailo T. Basanta Singh	2022	2025	2025	Fisheries Resource Mgmt. (Fisheries)



Ongoing Institute Projects

Regional Center: TRIPURA

Sl. No.	Project Title	PI	CO-PI as on date	RPF-I (DOS)	RPF-I (DOC)	Year of Completion	Discipline
1.	Understanding the physiological mechanism for P uptake in rice under iron toxic environment	A. Gangarani Devi	Anup Das S. Hazarika S. P. Das Krishnappa R.	Aug., 2019	Aug., 2023	2023	Plant Physiology
2.	Speed Breeding / Rapid Generation Advance (RGA) for Accelerated Genetic Gain in Rice	S P Das	A. Gangarani Devi Rekha Das Amit Kumar	Jan., 2020	July, 2026	2026	Plant Breeding
3.	Phyto-remediation of cattle farm wastewater for nutrient cycling and aquaculture reuse in tanks	Kouberi Nath	Ashit Chakraborty S. K. Das Lopamudra Sahoo Chandan Debnath	2021	2024	2024	Aquaculture
4.	Effect of High water borne Iron in aquaculture and development of mitigation measures	Lopamudra Sahoo	Chandan Debnath	2021	2024	2024	Aquaculture
5.	Development of multi-tire based sustainable agroforestry systems	Pradip Sarkar	B. Das A. Das H. Lembisena Devi A. Gangarani Devi	2022	2025	2025	Agroforestry
6.	Standardization of year round production technologies of high-value horticultural crops under fertigation and aeroponics system	H. Lembisana Devi	Pradip Sarkar A. Gangarani Devi B. Das S. P. Das	2022	2025	2025	Horticulture (Fruit Science)



7.	Mining for stress tolerant genotypes of Labeo rohita suitable for low maintenance aquaculture ponds of Tripura	Rekha Das	S. K. Das S. P. Das Kouberi Nath	2022	2025	2025	Fish Genetics
8.	Evaluation of performance of Kadaknath chicken under IFS in Tripura	Vinay Singh		2022	2025		Poultry Science
9.	Feeding value of duckweed and tapioca in diets of Kadaknath chicken	Vinay Singh	Asit Chakraborty	2022	2025	2025	Poultry Science



Ongoing Institute Projects

Head Quarters: DIVISION OF ANIMAL AND FISHERIES SCIENCES (DAFS)

Sl. No.	Project Title	PI	CO-PI as on date	RPF-I (DOS)	RPF-I (DOC)	Year of Completion	Discipline
1.	Conservation of indigenous goat germplasms of North Eastern Hill region of India	Sourabh Deori	G. Kadirvel S. Doley Doni Jini B. Sailo Lalhruaipuii M. Singh Mukesh Bhatt Asit Chakraborty	June, 2020	May, 2025	2025	Animal Reproduction and Gynaecology
2.	Conservation and improvement of Indigenous cattle in North East of India	G. Kadirvel	Rahul Katiyar Sourabh Deori Samir Das Doni Jini Belssa Sailo L. H. Puii Mahak Singh Mukesh Bhatt P. K. Pathak Asit Chakraborty Monica Sodhi (NBAGR) Ajoy Mandal (NDRI) M. Karunakaran (NDRI)	June, 2020	May, 2025	2025	Animal Reproduction and Gynaecology
3.	Assessment on species diversity of Neolissochilus sp. In Major river drainages of Meghalaya	N. Peetambari Devi	S K Das R. K. Sanjukta	Nov., 2021	Oct., 2024	2024	Fisheries Resources Management



4.	Studies on the impact and adoption of vaccination against livestock diseases	Arnab Sen	K.Puro Samir Das A.A.P. Milton S.Ghatak R.Laha G. Kadirvel Meena Das	Aug., 2021	July, 2023	2023	Veterinary Public Health
5.	Characterization of Campylobacter colifield isolates and development of a vaccine prototype for pigs.	Sandeep Ghatak	Arnab Sen Samir Das AAP Milton Sourabh Deori	2021	2024	2024	Veterinary Public Health
6.	Studies on detecting molecular signatures of avian respiratory viruses in the selected locations in Ri-Bhoi district of Meghalaya.	K. Puro	AAP Milton Sunil Doley Arnab Sen	2021	2024	2024	Veterinary Microbiology
7.	Economic impact of gastrointestinal parasitic infections in livestock and poultry and its integrated management in hill farming	Meena Das	Arnab Sen C. Gowda Rahul Katiyar	2021	2023	2023	Veterinary Parasitology
8.	Molecular sighting and phylogeny of emerging potentially zoonotic viruses in major animal source foods across the farm-to-fork continuum	A. A. P. Milton	Arnab Sen S. Ghatak Samir Das	2021	2024	2024	Veterinary Public Health
9.	Development of Innovative value added functional livestock Products and commercialization	G. Kadirvel	Sunil Doley C. Aochen AAP Milton Rahul Katiyar	2021	2023	2023	Animal Reproduction and Gynaecology
10.	Impact of selenium nano-particles in semen extender on quality and fertility of boar and buck semen	Sourabh Deori	G. Kadirvel Rahul Katiyar	2021	2024	2024	Animal Reproduction and Gynaecology



11.	Modulation of gut microbiome of pre-weaned piglet by supplementation of probiotics for growing healthy pigs	Samir Das	Sourabh Deori AAP Milton Sandeep Ghatak	Apr., 2021	Mar., 2024	2024	Veterinary Public Health
12.	Sperm cryopreservation of Pengba, Osteobrama belangeri (Valenciennes 1844)	Tasso Tayung	Rahul Katiyar Sourabh Deori S K Das	2022	2025	2025	Aquaculture
13.	Exploring the prospects of deepfreezing storage of frozen semen in bulls: An alternative to cryostorage	Rahul Katiyar	Sourabh Deori G Kadirvel Mahak Singh Meena Das	2022	2025	2025	Animal Reproduction and Gynaecology
14.	Prevalence and management of Vero-toxin producing Escherichia coli in Dairy value chain	Raj Kumari Sanjukta	Samir Das A A P Milton Rahul Katiyar	2022	2025	2025	Veterinary medicine
15.	Immunomodulations of fish using herbal resources	Chandan Debnath	S. K. Das R K Sanjukta	2022	2025	2025	Aquaculture



Ongoing Institute Projects

Head Quarters: DIVISION OF SYSTEM RESEARCH & ENGINEERING (DSRE)

Sl. No.	Project Title	PI	CO-PI as on date	RPF-I (DOS)	RPF-I (DOC)	Year of Completion	Discipline
1.	Management of Zinc, Boron and Molybdenum for vegetables and Citrus cultivation in acidic soil of NEH Region	A. Balusamy	S. Hazarika B.U. Choudhary M. Bilashini Devi H Talang M. Chakraborty Biswajit Das Basanta Singh Premavati Devi Aabon Yanthan Lungmuana Shaon Kumar Das	Nov., 2017	Oct., 2024	2024	Environmental Science
2.	Evaluation of different millets and standardization of nutrient management in NER of India for food and nutritional security	Jayanta Layek	Amit Kumar Sandip Patra Krishnappa R M. Reddy	Jan., 2018	Dec., 2023	2023	Agronomy
3.	Improvement of stone and pome fruits quality by using local fruits species and canopy modification	H. Rymbai	R. Krishnappa Sandip Patra T. Ramesh	Sept., 2017	Sept., 2023	2023	Horticulture (Fruit Science)
4.	Rejuvenation of citrus orchards through horticulture management practices for improving yield and quality	H. Rymbai	M. Chakraborty T. Ramesh H. D. Talang V. K. verma D. Chakraborty S. Hazarika	2021	2026	2026	Horticulture (Fruit science)
5.	Development of Automatic Two Row Precise Maize Planter for Hilly Region	Naseeb Singh	Jayanta Layek K. Ajay Kumar H. J. Singh	Oct., 2019	Sept., 2024	2024	Farm Machinery and Power



6.	Development of high yielding, oleoresin rich, rhizome-rot resistant cultivar of ginger (<i>Zingiberofficinale</i>)	V K Verma	M. Bilashini Devi Pankaj Baiswar Sandip Patra	Jan., 2020	Dec., 2024	2024	Horticulture (Vegetable Science)
7.	Studies on the enhanced storability underutilized fruits of Northeast Region	S. R. Assumi	H. Rymbai S. S. Roy K. Puro C. Aochen	June., 2021	June., 2025	2025	Horticulture (Fruit science)
8.	Reclamation of Coal Mine Affected Soils of Jaintia Hills District of Meghalaya for Improving Crop Production	M. Prabha Devi	Samarendra Hazarika B.U. Choudhury, Krishnappa Rangappa A. Balusamy L. Joymati Chanu	Aug., 2019	July, 2024	2024	Environmental Science
9.	Assessment of critical limit of available zinc in rice growing ecosystems of Northeast India	Mahasweta Chakraborty	B.U. Choudhury Samarendra Hazarika A. Balusamy Lungmuana Shaon Kr. Das Christy B K Sangma Ampee Tasung	Nov., 2019	Oct., 2024	2024	Soil Science
10.	Evaluation of Runoff and Sediment yield potential of major IFS Models in Meghalaya	Kethavath Ajaykumar	Debasish Chakraborty Naseeb Singh Jayanta Layek Mahasweta Chakraborty	2021	2026	2026	Land Water Management Engineering
11.	Standardization of growing media and nutrient management for hydroponic cultivation of Anthurium (<i>Anthurium andreaenum</i> L.)	Vanlalruati	S R Assumi L. Jyomati Chanu H. Rymbai	Aug., 2021	July, 2026	2026	Horticulture (Floriculture)



12.	Growth and yield modelling of major crops using weather and remote sensing inputs.	D. Chakraborty	Jayanta Layek Naseeb Singh K. Ajaykumar	2022	2025	2025	Agricultural Meteorology
13.	Development of ridging attachment for raised bed vegetable cultivation in Meghalaya	H. Jiten Singh		2022	2025	2025	Farm Machinery and Power
14.	Quantification of different agroforestry systems ecosystem services in mid-hill conditions of Meghalaya	N. Raju Singh	T. Ramesh A. Balusamy K. Ajaykumar	2022	2025	2025	
15.	Impact of long-term nutrient management on soil quality and crop productivity	T. Ramesh		2022	2025	2025	Soil Science
16.	Unraveling the quality determinant and designing nutrient management practice for enhancing curcumin content in turmeric (<i>Curcuma longa</i> L.) under mid hills of Meghalaya	L. Joymati Chanu		2022	2025	2025	Soil Science
17.	Evaluation and development of elite cultivar of turmeric (<i>Curcuma longa</i> L.) rich in curcumin content	M. Bilashini Devi		2022	2025	2025	Horticulture (Vegetable Science)



Ongoing Institute Projects

Head Quarters: DIVISION OF CROP SCIENCES (DCS)

Sl. No.	Project Title	PI	CO-PI as on date	RPF-I (DOS)	RPF-I (DOC)	Year of Completion	Discipline
1.	Development of acid and cold tolerant rice varieties suited to mid and high hill regions of Meghalaya	Amit Kumar	Philanim Pankaj Baiswar	July, 2015	Nov., 2023	2023	Plant Breeding
2.	Organic management of soil borne fungal pathogens of vegetables	Tasvina R. Borah	P Baiswar A Ratankumar Singh D Chakraborty Sandip Patra M. Chakraborty V. K. Verma	Nov., 2021	Oct., 2026	2026	Plant Pathology
3.	Genome wide association study (GWAS) for Al toxicity tolerance in rice from NEHR	Bijoya Bhattacharjee	S. P. Das Harendra Verma B. U. Choudhury Amit Kumar (PB)	Sept., 2021	July, 2024	2024	Plant Biotechnology
4.	Development of Maize Inbreds for developing heterotic hybrids for Meghalaya	Philanim W. S.	Amit Kumar (PB) Chubasenla Aochen Lamalakshmi Devi Amit Kumar(SKM)	Aug., 2019	July, 2025	2025	Plant Breeding
5.	Identification of short duration high yielding lentil genotypes suitable for Rice-Lentil cropping system	Philanim W.S.	Jayanta Layak Amit Kumar Konsam Sarika Harendra Verma Jitendra Kr. Soni Amit Kumar(SKM)	Nov., 2019	Nov., 2026	2026	Plant Breeding
6.	Harnessing Root exudation potential and Rhizospheric efficiency of Buckwheat (<i>Fagopyrum esculentum</i> L.) for maximised Phosphorus uptake under Low pH soils and Low moisture stress regimes of North Eastern Hill Region of India	Krishnappa R.	B Bhattacharjee Amit Kumar Jayanta Layek M Prabha Devi A Ganga Rani	2021	2024	2024	Plant Physiology



7.	Development and evaluation of yeast bioformulations for managing important foliar diseases in Meghalaya	Pankaj Baiswar	A. Ratankumar Singh Veerendra Verma	2021	2025	2025	Plant Pathology
8.	Cataloguing the diversity of biotic stresses and development of eco-friendly management practices in Khasi mandarin	Tasvina R. Borah	Sandip Patra H. Rymbai D. Chakraborty Bijoya Bhattacharjee A. Balusamy	2021	2026	2026	Plant Pathology
9.	Biodiversity of pollinators in mid-altitude hills of Meghalaya	Rumki H.Ch. Sangma	Sandip Patra A Ratankumar Singh HD Talang Bijoya Bhattacharjee	2021	2024	2021	Entomology
10.	Development of physiological qualities and biochemical properties database of local rice germplasm/varieties of North Eastern Hilly Region	C. Aochen	Amit Kumar B. Bhattacharjee Harendra Verma Konsam Sarika Letngam Touthang Lungmuana Singson S.P. Das Lamalakshmi Devi	2022	2027	2027	Biochemistry



Ongoing Institute Projects

Head Quarters: DIVISION OF TECHNOLOGY ASSESSMENT AND CAPACITY BUILDING (DTAC)

Sl. No.	Project Title	PI	CO-PI as on date	RPF-I (DOS)	RPF-I (DOC)	Year of Completion	Discipline
1.	Socio-Economic Impact Assessment of Jalkund (micro rain water harvesting structure) Technology in Hill Ecosystem of Meghalaya	C. Gowda H. R.	V. K. Mishra N. Uttam Singh Pampi Paul	July, 2021	June., 2024	2024	Agricultural Economics
2.	Price Forecasting for Selected Agricultural Commodities of Meghalaya	N. Uttam Singh	Pampi Paul C. H. Gowda Debasish Chakraborty Mahadev Reddy	Aug., 2021	July, 2024	2024	Agricultural Statistics
3.	Adoption and behavioural intension of tribal farmers towards improved agricultural technologies in Meghalaya	Pampi Paul	N. Uttam Singh C.H. Gowda Jayanta Layek V.K. Verma G. Kadirvel	Aug., 2021	July, 2024	2024	Agricultural Extension
4.	A study on the Social Network Structures vis-à-vis Information on Agricultural Technology among the Farmers of Meghalaya	Kamni Paia Biam	N. Uttam Singh Pampi Paul C. H. Gowda	2022	2024	2024	Agricultural Extension