

**List of Ongoing Institute Projects (Centre Wise) as per IRC 2019**

**1. ARUNACHAL PRADESH**

<b>Sl. No.</b>	<b>Project Title</b>	<b>PI</b>	<b>Co-PI</b>	<b>Division</b>	<b>Dated of Start</b>	<b>Year of Start</b>	<b>Date of Completion</b>
1.	Evaluation of multipurpose trees and to develop agro forestry based farming systems	Rajesh A. Alone	Nirmal	Agroforestry	2015	2012	2020
2.	Evaluation of toko palm resources and standardization of agro techniques.	Rajesh A. Alone	Nirmal	Agroforestry	2017	2017	2022
3.	Standardization of nutrient management practices of Phaseolus vulgaris in eastern Himalaya, Arunachal Pradesh	Ampee Tasung	Rajesh A Alone L. Joymati Chanu	Soil Science	June, 2018	2017	April, 2021
4.	Dynamics of Mithun (Bos frontalis) population technological intervention for sustainable mithun production in West Siang district of Arunachal Pradesh	Doni Jini	Rajesh Alone Jeetendra Kumar	Animal Production	Feb., 2018	2018	Mar., 2021
5.	Validation and refinement of deep litter housing of pigs for low and mid hills region under field condition of Arunachal Pradesh	Doni Jini	Jitendra Kumar Vinod Kr. Dutta	Animal Production	Aug., 2020	2020	Sept., 2024
6.	Standardization of seed priming method for Okra (Abelmoschus esculentus L.) crop establishment under in-situ abiotic stress environment at Mid Hills of Arunachal Pradesh	Ampee Tasung	B U Choudhary L. Joymati Chanu Jitendra Kumar H. Kalita	Soil Science	Dec., 2019	2019	Dec., 2022
7.	Performance evaluation of intercrops in different plating design of tokopalm in the mid hills of Arunachal pradesh.	Rajesh A. Alone	Jitendra Kumar Ampee Tasung H. Kalita	Agroforestry	Mar., 2020	2020	Nov., 2025

8.	Assessment of spatial variability of Soil quality parameters using GIS techniques in the jhum field of mid hill of Arunachal Pradesh: A field scale study	Jitendra Kumar	H. Kalita Rajesh A. Alone Ampee Tasang Doni Jini	Soil Science	2019	2019	2022
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## 2. MANIPUR

Sl. No.	Project Title	PI	Co-PI	Division	Dated of Start	Year of Start	Date of Completion
1.	Estimation of Pesticide Residues Status of Rice and Major Vegetables of Manipur	Romila Akoijam	Arati Ningombam Aruna Beemrote Sandip Patra	Entomology	Feb., 2017	2017	Feb., 2020
2.	DNA fingerprinting and barcoding of rice varieties for varietal identification and assessment of genetic diversity among landraces of Manipur	I. M. Singh	E. Lamalakshmi Devi S.K. Sharma Amit Kumar	Plant Breeding	July, 2016	2016	June, 2020
3.	Characterization and development of rice plant ideotype for improved yield under upland condition of Manipur	S. Bhubaneshwari	I. M. Singh E. Lamalakshmi Devi Konsam Sarika	Plant Breeding	June, 2015	2015	June, 2020
4.	Mapping and marker assisted selection in rice for leaf and neck blast resistance	Konsam Sarika	I. M. Singh E. Lamalakshmi Devi S. K. Sharma Amit Kumar	Plant Breeding	July, 2016	2016	June, 2020
5.	Breeding for high yielding lowland rice varieties of Manipur and mapping of leaf and neck blast resistant gene(s)	Konsam Sarika	I.M.Singh Arti Ningombam S. K. Sharma S. Bhubaneshwari	Plant Breeding	July, 2018	2018	June, 2022
6.	<b>Brinjal Improvement Program:</b> Evaluation and characterization of brinjal landraces tolerant to biotic stresses	Ch. Premabati Devi	Arati Ningombam Chongtham Tania	Horticulture	Oct., 2016	2016	Oct., 2020

7.	Development of single-cross maize hybrid(s) for north-eastern hilly states	E. Lamalakshmi Devi	I. M. Singh Romila Akoijam S.K Sharma S. Bhubaneshwari K. Sarika	Plant Breeding	Oct., 2016	2016	Dec., 2021
8.	Enhancing Productivity and Resource Use Efficiency of Maize-pulse Cropping Systems in Hills of Manipur	M. A. Ansari	T. Basanta Singh	Agronomy	2017	2017	2020
9.	Organic Insect Pest Management of Cabbage and Cauliflower	Aruna Beemrote	Arati Ningombam Romila Akoijam	Entomology	Apr., 2017	2017	Apr., 2020
10.	Management of Major Stored Grain Pests of pulses and cereals with essential oils from indigenous plants.	Arati Ningombam	I. M Singh Romila Akoijam Aruna Beemrote Chongtham Tania	Entomology	Oct., 2016	2016	Oct., 2020
11.	Integrated approach for sustainable management of tree bean ( <i>Parkia roxburgii</i> G. Don) decline	M. R. Sahoo	S. K. Sharma Arti Nigongbam A. Beemrote Romila Akoijam C. Premabati Devi T. Basanta Singh Kh. Rishikanta Singh Ratan Singh	Horticulture	Nov., 2017	2017	Nov., 2020
12.	Development of high yielding maize composites with biotic and abiotic stress tolerance – utilizing local land races of North East India	Konsam Sarika	Amit Kumar Aochen Chuba E. Lamalakshmi Devi	Plant Breeding	Jan., 2018	2018	Dec., 2022
13.	Standardization of organic nutrient management package for black rice	T. Basanta Singh	M. A. Ansari Romila Akoijam	Soil Science	August, 2018	2018	July, 2022
14.	Application of Exogenous Melatonin for Improving Shelf Life and Post Harvest Quality of Selected Horticultural Crops	S. S. Roy	M. A. Ansari Romila Akoijam	Horticulture	2018	2018	2022

15.	Impact of Kisan Credit Card Scheme on improved technology adoption and economy of rural households in Manipur	Kh. Rishikanta Singh	N. Uttam Singh N. Prakash	Social Science	June, 2018	2018	June, 2020
16.	Development of early breeding and seed production technique of commercially important carps of Manipur	Ch. Basudha Devi	I. M. Singh S. K. Das Kh. Riahikanta Singh	Fisheries	Oct., 2018	2018	Sept., 2021
17.	Study on Zinc bio-fortification in the rice varieties of Manipur	T. Basanta Singh	M. A Ansari	Soil Science	Aug., 2018	2018	Oct., 2021
18.	Standardization of Organic Nutrient Management package for important Indigenous Vegetables of Manipur	Chongtham Tania	S. S. Roy T. Basanta Singh Ch. Premabati Divi	Horticulture	June, 2018	2018	April, 2022
19.	Understanding the role of phosphate solubilizing microbes and maize genotypes on phosphorus acquisition efficiency in jhum land	M. A. Ansari	T. Basanta Singh S. S. Roy Joymati Chanu	Agronomy	April, 2020	2020	Mar., 2023
20.	Genetic characterization, infectivity and quasispecies evolution of prevalent and emerging viral pathogens: development of simplified universal diagnostics	Susheel Kumar Sharma	S.S. Roy Arati Ningombam A Ratankumar Singh D. M. Firake	Plant Pathology	Oct., 2019	2019	Oct., 2023
21.	Development of a Robust Diagnostic for Rapid Detection of Helicobacter pullorum from Poultry Samples	Blessa Sailo	Chongtham Sonia	Animal Health	Sept., 2019	2019	Aug., 2022

### 3. MIZORAM

Sl. No.	Project Title	PI	Co-PI	Division	Dated of Start	Year of Start	Date of Completion
1.	Assessment of fish diversity, Habitat and Brookstock Development of selected fishes of major rivers of Mizoram	P.L. Lalrinsanga	Lungmuana S. K. Das I. Shakuntala	Fisheries	Oct., 2017	2017	Sept., 2020

2.	Monitoring and surveillance of important viral and bacterial diseases of pigs in Mizoram	Lalhruaipuii	I. Shakuntala Arnab Sen	Animal Health	Oct., 2017	2017	Sept., 2020
3.	Effect of legume crop on weed smothering, soil enzymes and crop growth variability in cereal based inter cropping in Mizoram	Jeetendra Kumar Soni	Lungmuana Sunil Kumar Sunani	Agronomy	Mar., 2020	2020	Mar., 2023
4.	Characterization and Epidemiological studies of turcicum leaf blight (TLB) caused by Exserohilum turcicum in Maize	S K Sunani	A Ratankumar Singh S K Sharma Rajesha G. Saurav Saha	Plant Pathology	Sept., 2019	2019	Sept., 2022
5.	Effect of land use on phosphorus pools and sorption characteristics in acidic soil of Mizoram	Lungmauna	Jeetendra K. Soni A. Balusamy	Soil Science	Jan., 2020	2020	Dec., 2024
6.	Feasibility and potential of off-season cultivation of bird eye chilli (Capsicum frutescense L.) under organic management condition in Mizoram	Vishambhar Dayal	Sunil Kumar Sunani Jeetender Kumar Soni Lungmuana	Horticulture	Sept., 2019	2019	Sept., 2022

#### 4. NAGALAND

Sl. No.	Project Title	PI	Co-PI	Division	Dated of Start	Year of Start	Date of Completion
1.	Breeding and larval rearing of selected indigenous ornamental fishes of Nagaland	Jyotish Barman	P. L. Lalrinsanga S. K. Das	Fisheries	May, 2017	2017	April, 2020
2.	Development of low cost, low volume and ecofriendly nutrient management practices for Jhum farming in Nagaland	L K Baishya	D. J. Rajkhowa Thoi Thoi Devi K. L. Meena Christy B K Sangma	Agronomy	Feb., 2017	2017	Mar., 2020
3.	Screening and characterization of resistance source against bacterial leaf blight of rice in NE Region	Rajesha G.	Harendra Verma S. K. Sharma A. Ratankumar Singh Chandramani Raj	Plant Pathology	2017	2017	2021

4.	Morphological and molecular characterization and diversity analysis for grain quality, yield and yield attributes in rice of NEH region	Harendra Verma	S. P. Das Amit Kumar L. K. Baishya C. Aochen	Plant Breeding	Oct., 2017	2017	Dec., 2020
5.	Development of efficient farm waste management technology in farming system perspective	L K Baishya	D.J. Rajkhowa Christi B.K. Sangma H. Verma Abon Yanthan Jyotish Barman Romen Sharma	Agronomy	Jan., 2020	2020	Dec., 2022
6.	Assessment of liquid stored boar semen quality after removing seminal plasma proteins and supplementation with melatonin	Mahak Singh	G.Kadirvel	Animal Production	Oct., 2019	2019	Oct., 2021
7.	Dynamics and mapping of farm mechanization in North East Region	Ph. Romen Sharma	Aabon Yanthan H. D. Singh Kh. Rishikanta Singh Pankaj Kr. Sinha Bagish kumar N. Uttam Singh	Social Science	Oct., 2019	2019	Nov., 2021

## 5. SIKKIM

Sl. No.	Project Title	PI	Co-PI	Division	Dated of Start	Year of Start	Date of Completion
1.	Productive and reproductive performance of Singharey Goats in organized and conventional farms of Sikkim	Rafiqul Islam	R.K. Avasthe R Laha Mukesh Bhatt	Animal Production	Oct., 2016	2016	Oct., 2020
2.	Evaluation and standardization of vertical faming management practices in large cardamom	Raghavendra Singh	R. K. Avasthe Ashish Yadav Subhash Babu Matber Singh	Agronomy	Jan., 2018	2018	Dec., 2021

3.	Soil organic carbon stocks and fractions in different orchards of north eastern hill region of India	Shaon Kumar Das	R. K. Avasthe Raghavendra Singh Ashish Yadav Matber Singh S K Dutta Chandan Kapoor Chandramani Raj	Soil Science	July, 2018	2018	July, 2022
4.	Development of high yielding varieties of rice ( <i>Oryza sativa</i> L.) with biotic and abiotic stress resistance for organic conditions of Sikkim	Chandan Kapoor	Raghavendra Singh Shaon Kr. Das Chandramani Raj	Plant Breeding	June, 2018	2018	Nov., 2023
5.	Development of productive and genetically broad based inbred lines from local maize germplasm of North Eastern India for evolving superior hybrids	Chandan Kapoor	Amit Kumar Shweta Singh	Plant Breeding	Aprl., 2019	2019	July, 2024
6.	Studies on epidemiology of blight of large cardamom and its management under organic conditions	Chandramani Raj	Shweta Singh Shaon Kumar Das Chandan Kapoor Sudip Kumar Dutta	Plant Pathology	July, 2018	2018	July, 2023
7.	Flower and fruit drop studies in Sikkim mandarin under organic management practices	S. K. Dutta	Ashish Yadav Shweta Singh Shaon Kumar Das R. K. Avasthe	Horticulture	June, 2018	2018	May, 2023
8.	Network project on integrated management of rhizome rot complex of ginger ( <i>Zingiber officinale</i> )	Shweta Singh	Chandramani Raj R. K. Avasthe H. Kalita Anup Chandra Pankaj Baiswar A. K. Jha Rumki Ch. Sangma A. Ratankumar Singh V. Dayal Rajesha G. Azeze Seyie	Plant Pathology	Feb., 2018	2018	Feb., 2021

9.	Assessment of weed suppression ability of different locally available weed biomass in rice ( <i>Oryza sativa</i> L.) crop in mid hills of Sikkim	Amit Kumar	Raghavendra Singh R. K. Avasthe Subhash Babu	Agronomy	2019	2019	2024
10.	Study the source sink competition and effect of plant architecture in kiwifruit trained on different training systems (Under Flagship Program on Temperate Horticulture)	Ashish Yadav	S. K. Dutta Shaon Kr. Das Chandramani Raj	Horticulture	2019	2019	2022
11.	Viral causes of porcine diarrhea: A study into risk factor analysis, molecular epidemiology and development of nucleo-diagnostics	Mukesh Bhatt	Rafiqul Islam Arnab Sen A.P. Milton	Animal Health	Sept., 2019	2019	Aug., 2022

## 6. TRIPURA

Sl. No.	Project Title	PI	Co-PI	Division	Dated of Start	Year of Start	Date of Completion
1.	Improvement of cucurbits alongwith sustainable production technology	H. Lembisana Devi	B Das S.P. Das G.S. Yadav Ayam Gangarani Devi	Horticulture	2015	2015	2020
2.	Habitat Ecology, Productivity, Fish and Fisheries of Rudrasagar Lake, Tripura	H. Bharati	S. K. Das K. K. Barman Lopamudra Sahoo Chandan Debnath Pankaj Kr. Sinha	Fisheries	Sept., 2017	2017	Aug., 2020
3.	Resilient farming systems for efficient factor productivity and livelihood security in Tripura	Anup Das	G. S. Yadav B. Kandpal Chandan Debnath H. Lembisena Devi Binay Singh Satyapriya Singh	Agronomy	June, 2018	2018	May, 2022
4.	Integrated resource conservation technologies for improving crop productivity and soil health under sub-tropical hill ecosystem	Gulab Singh Yadav	B. Kandpal A. Gangarani Devi Anup Das K. K. Barman	Agronomy	June, 2018	2018	Apr., 2022



5.	Standardization of vegetable based intercropping system for upland conditions of Tripura.	Biswajit Das	H. Lembisana Devi G. S. Yadav K. K. Barman B. Kandpal	Horticulture	June, 2018	2018	Apr., 2022
6.	Improving resource use efficiency of the rice and maize based cropping system of Tripura through weed management	K. K. Barman	G. S. Yadav Anup Das B. K. Kandpal M. Prabha Devi	Soil Science	June, 2018	2018	May, 2023
7.	Bio-intensive pest management of major pest of major vegetable crops	Satyapriya Singh	NIL	Plant Pathology	Sept., 2019	2019	Aug., 2022
8.	Speed Breeding / Rapid Generation Advance (RGA) for Accelerated Genetic Gain in Rice	S P Das	A. Gangarani Devi S. Singh Rekha Das K. K. Barman B. K. Kandpal	Plant Breeding	Jan., 2020	2020	Dec., 2024

## 7. HQ, UMIAM

Sl. No.	Project Title	PI	Co-PI	Division	Dated of Start	Year of Start	Date of Completion
1.	Designing of Participatory decision support system for horticultural crops in Meghalaya	Pankaj Kumar Sinha	N. Uttam Singh V. K. Verma H. Rymbai	Social Science	2014	2014	Mar.2020
2.	Development of strategies for improving effectiveness of convergent model of extension services in Meghalaya	Pankaj Kr. Sinha	N. Uttam Singh Piyashi Debroy Aniruddha Roy Ph. Romen Sharma M. Islam	Social Science	2017	2017	Mar., 2020
3.	Skill gap analysis of the tribal farmers on Pig and cattle production in Meghalaya	Bagish Kumar	Pankaj Kr. Sinha N. Uttam Singh Anjoo Yumnam Rahul Katiyar	Social Science	12-01-2017	2017	30/11/2020

4.	Reproductive and hatchery management to optimize duck and turkey production in Meghalaya	Sunil Doley	R. Laha M. Niranjan	Animal Production	Oct., 2016	2016	Sept., 2021
5.	Development of acid and cold tolerant rice varieties suited to mid and high hill regions of Meghalaya	Amit Kumar	D. M. Firake Pankaj Baiswar	Plant Breeding	July, 2015	2015	Nov., 2021
6.	Exploration and utilization of hyperparasites (of plant pathogens) and entomopathogens in Meghalaya	Pankaj Baiswar	D. M. Firake	Plant Pathology	Nov., 2015	2015	Dec., 2020
7.	Risk assessment of chemical, microbial and parasitic hazard associated with food of animal and aquatic origin in Meghalaya	Sandeep Ghatak	Arnab Sen I. Shajuntala Samir Das R. K. Sanjukta R. Laha M. Das M. Prabha Devi S. K. Das	Animal Health	Oct., 2016	2016	Sept., 2021
8.	Chilli improvement and management <b>Sub project:1</b> Genetic improvement of King Chilli	M. Bilashini Devi	S. Ruth Assumi C. Aochen A. K Jha Amit Kumar	Horticulture	Apr., 2017	2017	Apr., 2023
9.	Identification of potential restorer lines and their utilization in hybrid development for NEH Region	Amit Kumar	L. Touthang Nivedita Shettigar H. Verma	Plant Breeding	Oct., 2016	2016	Nov., 2021
10.	Mapping of QTL form, low temperature tolerance rice	C. Aochen	Bijoya Bhattacharjee Avinash Pandey Amit Kumar Rajappa JJ	Biotechnology	2016	2016	2021
11.	Management of Zinc, Boron and Molybdenum for vegetables and Mandarin cultivation in acidic soil of NEH Region	A. Balusamy	S. Hazarika M. Bilashini Devi A. Aochen B. U. Choudhury T. Ramesh	Soil Science	Nov., 2017	2017	Oct., 2022

12.	Effect of maize legume intercropping on soil acidity and carbon sequestration potential	T. Ramesh	S. Hazarika Krishnappa R. L. Joymati Chanu	Soil Science	Oct., 2017	2017	Sept., 2020
13.	Productive and reproductive performance of crossbred pigs on feeding unconventional feed resources	K. K. Baruah	G. Kadirvel S. Doley A. Sen	Animal Production	Oct., 2017	2017	Sept., 2021
14.	Development of Bio-intensive Modules for the Management of Major pests of Ginger and Colocasia	D.M. Firake	Sandip Patra S. K. Sharma A.K.Jha Chandramani Raj	Entomology	Aug., 2017	2017	Mar., 2021
15.	Evaluation of different millets and standardization of nutrient management in NER of India for food and nutritional security	Jayanta Layek	Subhash Babu Amit Kumar Sandip Patra Krishnappa R	Agronomy	Jan., 2018	2018	Dec., 2021
16.	Characterization of immunogenic proteins of Rhipicephalus (Boophilus) microplus tick & its effect as a vaccine in experimentally infested rabbits	Meena Das	R. Laha Bijoya Bhattacharjee Arnab Sen	Animal Health	2017	2017	2020
17.	Studies on immune response of CSF Vaccine	Samir Das	Meena Das G. Kadirvel	Animal Health	Nov., 2017	2017	Oct., 2020
18.	Improvement of stone and pome fruits quality by using local fruits species and canopy modification	N. A. Deshmukh	H. Rymbai R. Krishnappa D. M. Firake T. Ramesh	Horticulture	Sept., 2017	2017	Sept., 2023
19.	Evaluation of different rootstocks of khasi mandarin in different altitudes	H. D. Talang	N.A. Deshmukh H. Rymbai Pankaj Baiswar H. Kalita	Horticulture	Oct., 2016	2016	Sept., 2022
20.	Performance evaluation of Sirohi and Jakhrana goats in Semi-Intensive and tribal traditional production system in North East Hill ecosystem	G. Kadirvel	K. K. Baruah Sunil Doley R. Laha Rakesh Kumar	Animal Production	July, 2017	2017	July, 2021

21.	Understanding the rainfall anomalies and its impacts on agriculture of north eastern India	Debasish Chakraborty	B. K. Sethy N. Uttam Singh Saurav Saha Shaon Kumar Das P. Romen Sharma Basant Kandpal I. M. Singh H. Kalita	Agril. Engineering	June., 2018	2018	May, 2022
22.	Development and evaluation of improved germplasm for rural poultry production in NEH Region	M. Niranjan	S. Doley K.K.Baruah Pankaj Kr. Sinha	Animal Production	Oct., 2018	2018	Aug., 2022
23.	Effect of E Coli membrane fragment (Oxyrase) on reduction of oxygen tension of extender and freezability of bull semen	Rakesh Kumar	G. Kadirvel K.K. Baruah	Animal Production	Aug., 2018	2018	Aug., 2021
24.	Seroepidemiology of tissue-dwelling zoonotic foodborne parasites in rural pigs of Northeast India	A. A. P. Milton	Arnab Sen Meena Das R. Laha Samir Das Raj Kumari Sanjukta Sandeep Ghatak I. Shakuntala L. Puii B. Sailo Matbar Singh	Animal Health	June, 2018	2018	Apr., 2021
25.	Studies on drug sensitivity and genetic diversity of Eimeria isolates from Meghalaya'	Meena Das	R. Laha Sunil Doley	Animal Health	June, 2018	2018	May, 2021
26.	Epidemiology of Swine erysipelas and characterization of its bacteria for potential vaccine development	Samir Das	Arnab Sen A. P. Milton S. Ghatak R. K. Sanjukta	Animal Health	June, 2018	2018	Apr., 2022
27.	Parasitic infections in buffaloes in North east region and its managements	R. G. Laha	M. Das B. Sailo Vinay Singh Arun P. Milton	Parasitology	June, 2018	2018	Apr., 2022

28.	Multidimensional performance evaluation of different Integrated Farming System in North Eastern Hill Region	Anjoo Yumnam	N. Uttam Singh A. Roy Bagish Kumar Subash Babu Kh. Rishikanta Singh Ph. Romen Sharma Doni Jini Gulab Singh Yadav Raghavendra Singh Vishamber Dayal	Social Science	Sept., 2018	2018	Aug., 2021
29.	Development of low cost bamboo drip irrigation technology for high value crop (tomato) in moisture stressed hilly upland condition	Uday Saikia	S. Hazarika	Water Management	Aug., 2018	2018	June, 2021
30.	Optimizing yield and quality of King Chili (Capsicum chinense (Jacq.)) through nutrient standardization	Loitongbam Joymati Chanu	S. Hazarika M. Bilashini Devi Ramesh T. A. balusamy	Soil Science	12-01-2018	2018	04-01-2022
31.	Development of ecofriendly management modules against biotic stress cucurbitaceous crops	Sandip Patra	D. M. Firake A R Singh V. K. Verma	Entomology	June, 2018	2018	May, 2021
32.	Monitoring, diagnosis and management of invasive alien insect pest species in NE India	G. T. Behere	D. M. Firake Sandip Patra H. Kalita Arati Ningombam Romila Akoijam Aruna Bemrote	Entomology	June, 2018	2018	May, 2021
33.	Evaluation of Perilla (Perilla frutescens L.) for nutritional and medicinal benefits under different storage conditions	C. Aochen	Bijoya Bhattacharjee Amit Kumar	Biotechnology	June, 2018	2018	May, 2021
34.	Development of Automatic Two Row Precise Maize Planter for Hilly Region	Naseeb Singh	H. Dayananda Singh Jayanta Layek	Agril. Engineering	Oct., 2019	2019	Sept., 2023

35.	Intervention with need based technologies for enhancing farmers income.	B. K. Sethy	Ramesh T. D. M. Firake N. A. Deshmukh J. J. Rajappa Subhash Babu A. Ratankumar Singh N. Umakanta Bagish Kumar S. Gojendro Singh A. Arun P. Milton Rakesh Kumar Naseeb Singh	Agril. Engineering	Nov., 2019	2019	Oct., 2022
36.	Carbon footprint and energy budgeting of micro watershed based farming system models.	Subhash Babu	K P Mohapatra M. Thoi Thoi Devi A. Prince Milton	Agronomy	July, 2018	2018	June, 2021
37.	Characterization and genetic improvement of Chakhao landraces (Manipur black rice) for yield, abiotic and biotic stresses through biotechnological strategies	N. Umakanta	Bijoya Bhattacharjee Amit Kumar C Aochen A. Ratankumar Singh Philanim W S S. Bhubaneswari	Biotechnology	Nov., 2018	2018	Sept., 2023
38.	Genome wide association study (GWAS) for Al toxicity tolerance in rice from NEHR	Sandeep Jaiswal	Bijoya Bhattacharjee S. P. Das Harendra Verma B. U. Choudhury Amit Kumar (PB)	Biotechnology	Sept., 2019	2019	July, 2022
39.	Development of high yielding, oleoresin rich, rhizome-rot resistant cultivar of ginger (Zingiberofficinale)	V K Verma	M. Bilashini Devi Puran Chandra A Ratankumar Singh A K Jha	Horticulture	Jan., 2020	2020	Dec., 2023
40.	Studies on the enhanced storability of underutilized fruits of Northeast Region [Under “Flagship Programme on Temperate Horticulture”]	S. R. Assumi	N. A. Deshmukh S. S. Roy K. Puro C. Aochen	Horticulture	Sept., 2019	2019	Aug., 2023
41.	Development of DRIS based site specific nutrient management (SSNM)	H. Rymbai	N. A. Deshmukh A. K. Jha	Horticulture	Feb., 2020	2020	Dec., 2025

	module for Khasi mandarin ( <i>Citrus reticulata</i> Blanco) production		Pankaj Baiswar T. Ramesh				
42.	Organic management of soil borne fungal pathogens of vegetables	Tasvina R. Borah	P Baiswar A Ratankumar Singh D Chakraborty Sandip Patra M. Mahashweta Devi V. K. Verma	Plant Pathology	Nov., 2018	2018	Oct., 2023
43.	Etiology and management of fungal diseases of underutilized fruits and vegetables in Meghalaya	Pankaj Baiswar	Tasvina R. Borah Veerendra Verma H. Rymbai	Plant Pathology	Nov., 2019	2019	Dec., 2024
44.	Identification of short duration high yielding lentil genotypes suitable for Rice-Lentil cropping system	Philanim W.S.	Jayanta Layak Nivedita Shittegar Konsam Sarika Harendra Verma Jitendra Kr. Soni Amit Kumar	Plant Breeding	Nov., 2019	2019	Nov., 2022
45.	Spatio-Seasonal Relationship in Food Diversity Among the Indigenous Communities of North-East Region	Pampi Paul	Pankaj Kumar Singh Bagish Kumar N. Uttam Singh M. Thoithoi Devi H. Rymbai Kh. Rishikanta Singh Ph. Romen Sharma Lungmuana Azeze Seyie Ampee Tasung	Social Science	Sept., 2019	2019	Aug., 2022
46.	Assessment of critical limit of available zinc in rice growing ecosystems of Northeast India	Mahasweta Chakraborty	B.U. Choudhury Samarendra Hazarika A. Balusamy K. K. Barman Lungmuana Shaon Kr. Das M. A. Ansari Christy B K Sangma Ampee Tasung	Soil Science	Nov., 2019	2019	Oct., 2024

47.	Plant exudates on bio-physics of root-soil interface for water-stress management in upland hill agriculture	B U Choudhury	R. Krishnappa M. Prabha Devi Joymoti C	Soil Science	Nov., 2019	2019	Oct., 2023
48.	Evaluation of Bamboo genetic resources of NE India for suitability to Industry, handicraft and Food	Rajjappa J J	Puran Chandra K.P.Mohapatra H. Dayananda Singh	Plant Physiology	Sept., 2019	2019	Aug., 2024
49.	Development of high L-Dopa and trichome less Mucuna pruriens	K. P. Mohapatra	Puran Chandra Pankaj Baiswar Jayanta Layek	Agroforestry	June, 2019	2019	Mar., 2021
50.	Assessment on species diversity of Neolissochilus sp. In Major river drainages of Meghakaya	N. Peetambari Devi	S K Das S. Gojendra Singh R. K. Sanjukta A. Ratankumar Singh Rekha Das	Fisheries	Nov., 2019	2019	Oct., 2022
51.	Production and quality assessment of vermicompost prepared using various weed biomass and their impact on soil and crop productivity	M. Thoithoi Devi	Subash Babu M. Prabha Devi Pankaj Baiswar	Agronomy	Dec., 2016	2016	June, 2021
52.	Evaluation of automatic solar drip irrigation system for mid hills of Meghalaya	H. Dayananda Singh	B. K. Sethy Naseeb Singh	Agril. Engineering	Jan., 2017	2017	Dec., 2021
53.	Formulation and Characterization of essential oil based nano-emulsions and its bioassay	Raj Kumari Sanjukta	Arnab Sen D.M. Firake C. Aochen Sandip Ghatak Meena Das N. Peetambari	Animal Health	Dec., 2016	2016	Mar., 2020
54.	Developing a geo spatial based animal health information system in north east India	Raj Kumari Sanjukta	Arnab Sen Samir Das Subhash Puyam Sandip Ghatak Rocky Pebam Anjoo Yuman	Animal Health	Dec., 2016	2016	Mar., 2020
55.	Development of phosphorus efficient rice by marker assisted breeding	Bijoya Bhattacharjee	S.P. Das B. U Chodhury Jayanta Layek G. T. Behere	Biotechnology	Apr. 2014	2014	Sept., 2020



56.	Evaluation of Maize germplasm based on DUS character	Amit Kumar	Konsam Sarika Bijoya Bhattacharjee Nivedita Shettigar	Plant Breeding	Apr., 2014	2014	Mar., 2020
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