

LIST OF ADHOC PROJECT

SL. No	Name of the Project	PI	Name of Department	Name of Funding Agency	Date of Implementation	Duration of the Project (Nos. yrs)	Total Grant Sanctioned	Date of completion (Projected Date of Termination submitted by PI on 16.06.2023)
1	Defining miRNA mediated regulation of secondary metabolite accumulation in cymbopogon winterianus	Dr. Kamalakshi Devi	Department of Agril. Biotechnology, AAU, Jorhat	GoI, BIO CARE, DBT funded	17.01.2017	3 Years	3423000	09.05.2019
2	Wild mushroom from NE India : Evaluation of their nutritional status and medicinal properties	Dr. Robin Chandra Boro, Asst. Prof.	Department of Agril. Biotechnology, AAU, Jorhat	SERB -DST - GoI funded Project	06.02.2017	3 years	3988400	21.12.2019
3	Development of mutant with novel characteristics in Gladiolus through irradiation	Dr. Reena Borkakoti Phookan, Pr. Scientist	Dept. of Plant Breeding & Genetics, AAU, Jorhat	GOI, DAE funded project (BRNS)	31.03.2017	3 Years	2287400	28.10.2023
4	Integrated approach to understand agarwood formation and value addition of Agarwood	Dr. Madhumita Boroah, Prof.	Department of Agril. Biotechnology, AAU, Jorhat	SERB- GOI-DBT funded project	26.04.2017	3 Years	3217000	07-03-2019
5	Structural and functional genomics study of deepwater adaptation of local rice landraces of Assam	D. Priyabrata Sen, Prof.	Department of Agril. Biotechnology, AAU, Jorhat	GOI-DBT funded Project	24.04.2017	3 Years	3674000	25.01.2018
6	Developing bioactive compound enriched functional food ingredients from dillenia indica and valorization of its pomace	Dr. Manashi Das Purkayastha, Asstt. Prof.	Dept. of Horticulture, AAU, Jorhat	GOI-DBT funded project	19.04.2017	3 Years	2529000	04.11.2022
7	Prospect of Marketing of medicinal plants in Assam and the North Eastern Region	Dr. Nivedita Deka, Prof.	Dept. of Agril. Economics, AAU, Jorhat	GOI- Ministry of AYUSH NMPB funded project	26.04.2017	2 years	2407600	16.10.2020
8	Molecular Diagnostics Transcriptomics and Cisgenic Approaches to Combat Citrus Greening Disease of Citrus	Dr. Salvinder Singh, Prof.	Department of Agril. Biotechnology, AAU, Jorhat	GOI- DBT Twining Project	12.05.2017	3 years	5210000	05.09.2020
9	Post Harvest loss assessment and SOPs of Post harvest management of some important medicinal plants of Assam	Dr. P.C. Barua, Pr. Scientist	Dept. of Plant Pathology, AAU, Jorhat	GOI- Ministry of AYUSH NMPB funded project	04.08.2023	3 years	2766700	22.05.2017

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10	Development of Tea polyphenol -rapeseed protein microencapsulate for delivery of bioactive ingredients in functional foods : in vitro and in vivo study	Dr. Manashi Das Purkayastha, Asstt. Prof.	Dept. of Horticulture, AAU, Jorhat	GOI- DBT- U Excell Funded project	22.05.2017	3 years	12455200	01.03.2022
11	Development, standardization and dissemination of cultivation package of medicinal plant of commercial importance in foot hill region of Eastern Himalaya	Dr. H. Choudhury, Assoc. Prof., Dept. of Crop Physiology, B. N. College of Agriculture, BNCA		GOI- AYUSH funded project	23.10.2017	3 years	3054600	16.05.2019
12	Establishment of Field gene bank and Micropropagation unit for Medicinal Plant Genetic Resources of North East India	Dr. M.K. Sarma, Pr. Scientist, AICRPDA, B. N. College, Biswanath Chariali		GOI- AYUSH funded project	06.11.2017	3 years	3780000	12.12.2018
13	Mainstreaming agricultural biodiversity conservation and utilization in agricultural sectors to ensure ecosystem services and reduce vulnerability	Dr.Dhruba Jyoti Nath, Prof. Soil Science	Department of Soil Science, AAU, Jorhat	United Nations_Global Environment Facilities (UN Environment- GEF funded project)	13.06.2023		2257600	17.01.2018
14	Resource used planning for sustainable Agriculture b) Policy imperatives for promoting value chains Agricultural commodities in India	Dr. Nivedita Deka, Prof. Dept. of Agril. Economics d) Dr. R. K. Sarmah, Prof. Dept. of Agril. Economics	Dept. of Agril. Economics & FM	ICAR-NIAP funded project	30.01.2018	3 years	3362000	10.09.2018
15	Production of Healthy Planting Materials of Orange (Citrus Reticulata Blanco) & Assam Lemon (Citrus Lemon) (Linn. Burmann) through budwood certification programme and its distribution to growers in Assam and other northeastern states	Dr. A. C. Borbora, Chief Scientist, CRS, AAU, Tinsukia Dr. R. K. Kakati, Pr. Scientist, CRS, AAU, Tinsukia		GOI- DBT funded project	23.02. 2018	2 years	5796000	28.02.2018
16	In Silico Screening of aldehyde based novel inhibitor for plasmodium Haemoglobinase	Ms. Trisha Rajguru Borthakur, Dept. of Agril. Biotechnology, AAU, Jorhat	Dept. of Agril. Biotechnology, AAU, Jorhat	GOI- women scientist scheme (wos) project	20.02.2020	3 years	1864000	31-03-2018
17	Development of Seedless Bhimkol through CRISPR/Cas9 and Mutation Approaches	Dr. S. Singh, Prof. Dept. of Agril. Biotechnology	Dept. of Agril. Biotechnology	GOI- DBT funded project	11.05.2018	3 years	5026000	19.10.2020

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18	Biotechnological Interventions through RNAi Approach for management of Banana bunchy top virus (BBTV) in Northeast region of India	Dr. Palash Deb Nath, Professor	Dept. of Plant Pathology	GOI- DBT funded project	12.05.2018	3 years	15.81 Lakhs	14.10.2019
19	Management of low temperature and soil moisture deficit stresses in banana grown in North Eastern India	Dr. Prakash Kalita, Professor	Dept. of Crop Physiology	GOI DBT funded project	12.05.2018	3 years	10630000	15.12.2020
20	Molecular dissection of Défense against Sigatoka infection in Banana; Exploitation of Musa germplasm of Northeast for development of Sigatoka-resistant hybrid	Dr. Priyadarshini Bharali, Asstt. Prof., Dept. of ABT	Dept. of Agril. Biotechnology, AAU, Jorhat	GOI DBT- NER funded project	14.05.2018	3 years	5780000	14.10.2019
21	Harnessing the potential of endophytes against root knot nematode, Meloidogyne incognita in Banana	Dr. Bhabesh Bhagawati, Prof., Dept. of Nematology, AAU, Jorhat	Dept. of Nematology, AAU, Jorhat	DBT-NER, BPMC, New Delhi	12.05.2018	3 years	4650000	31.10.2019
22	Whole Genome and Transcriptome study of stress – Tolerant banana Cultivars	Dr. Mahendra Kumar Modi. Prof., & Head, Dept. of Agril. Biotechnology, AAU, Jorhat	Dept. of Agril. Biotechnology, AAU, Jorhat	GOI DBT- NER funded project	20.02.2020	3 years	8330000	12.05.2018
23	Biotechnological interventions through RNAi approach for management of Banana Bunchy Top virus (BBTV) in Northeast Region of India	Dr. Priyabrata Sen, Prof. Dept. of Agril. Biotechnology, AAU, Jorhat	Dept. of Agril. Biotechnology, AAU, Jorhat	GOI DBT- NER funded project	12.05.2018	3 years	4309000	26.03.2018
24	Exploring diversity, genomic and transcriptome profiling and phtosemiochemicals of Banana pest complex in NER Region-Anecological and molecular approach	Dr. Inee Gogoi, Asst. Prof. Dept. of Entomology, AAU, Jorhat	Dept. of Entomology, AAU, Jorhat	GOI DBT- NER funded project	12.05.2018	3 years	4178000	20.02.2020
25	Development of Fusarium resistant elite Banana cultivars of N. E. India	Dr. Salvinder Singh, Prof. Dept. of ABT, AAU, Jorhat	Dept. of ABT, AAU, Jorhat	GOI DBT- NER funded project	09.05.2018	3 years	560700	14.10.2019
26	Screening of Banana Germplasm from the N. E. for Fosarium wilt resistance and molecular characterization in contrasting genotypes	Dr. Ashok Bhattacharyya, DR (Agri.), AAU, Jorhat	DR (Agri.), AAU, Jorhat	GOI DBT- NER funded project	18.05.2018-17.05.2021	3 years	3802000	21-03-2022
27	Study of Diversity of rice in Karbi anglong district of Assam: Implication for biodiversity conservation under changed climatic condition	Dr. Ranjan Das, Assoc. Prof, Dept of CP, AAU, Jorhat	Dept of CP, AAU, Jorhat	Extra Mural Grants Projects	04.06.2018	3 Years	1188000	08.03.2021
28	Downstream processing for utilization of banana wastes for natural fibre extaction, fiber based products, biomass briquettes & utility compounds	Dr. Pritom Kr. Borthakur, Prof. Dept. of Horticulture, AAU, Jorhat	Dept. of Horticulture, AAU, Jorhat	GOI DBT- (NER-BPMC)funded project	08.06.2018	3 years	2746000	16.10.2019

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29	Development of Citrus tristeza virus (CTV) resistant elite mandarin genotypes through RNAi approach to revive citrus industry in Northeast India	Dr. Palash Deb Nath, Prof. , Dept. of Plant Pathology	Dept. of Plant Pathology	GOI DBT- NER funded project	13.01.2020	3 years	4979996	30-11-2022
30	Engineering of CRISPR/ Cas-9-mediated Potato Virus Y (PVY) resistance in Bhut Jolokia(Capsicum Chinese)	Dr. Ratna Kalita	Agricultural Biotechnology	GOI DBT- NER funded project	17.02.2021	3 Years	5295200	21.06.2021
31	Identification of the genetics associated with resistant starch content in Rice for nutraceutical benefits	Mr. Bhaswati Sharmah, Asst.Prof., Dept of PBG		GOI DBT- NER funded project	09.07.2018	3 Years	6113996	20-11-2021
32	Consumption pattern of food and food products/ items high in fat, salt and sugar among selected cities/town and rural population of India, Jorhat	Dr. Pranati Das, Prof. FSN, AAU, Jorhat		ICMR -Task Force Project	24.7.2018	1 Year 3 month	5437950	
33	Establishment of Biotech KISAN Hub at AAU, Jorhat	Dr. S.Saikia, Chief Scientist and PI		GOI- DBT funded project	21.08.2018	4 years	6950000	20.08.2022
34	Regional cum facilitation Center under National Medicinal Plant Board	Dr. I. C. Baruah, Pr. Scientist, Dept. of Agronomy		GoI -AYUSH funded Project				
35	Multifaceted exploration of edible Molluscs of North East India	Dr. Badal Bhattacharyya, Pr. Scientist, Dept. of Entomology		GoI-DBT funded project	23.08.2018	3 years	73,96,988	17-01-2022
36	Optimizing resources for identification of potential sorghum forage hybrids using Genomic selection	Dr. Ramendra Nath Sarma, Prof., Dept. of PBG	Dept. of Plant Breeding and Genetics, AAU, Jorhat	GoI-DBT funded project	30.08.2018	3 years	34,29,996	26-07-2021
37	Study the virome RNAome and leaf curl diseases manifestation in Bhut Jolokia(C. Chinese) and C.fruitecens of North east India	Dr. Basanta Kumar Bora, Asstt. Prof., Dept. of Agril. Biotechnolgy	Dept. of Agril. Biotechnolgy	GoI-DBT funded project	03.10.2018	3years	67,43,996	31-07-2021
38	Exploring rhizospheric microbiome (PGPR and AM Fungi) for regulating the expression of Zinc transporter genes (ZRT) in rice to augment the Zinc nutrition	Dr. Dhruba Jyoti Nath, Pr. Scientist, Dept. of Soil Science	Dept. of Soil Science, AAU, Jorhat	GoI-DBT funded project	04.10.2018	3 years	32,78,996	17-09-2021
39	Engineering resistance against cucumber mosaic virus in king chilly/chilli through RNA silencing technology	Dr. Munmi Borah, Asstt. Prof., Dept. of Plant Pathology		GoI-DBT funded project	30.10.2018	3 years	35,29,996	
40	Integrative taxonomy of insect pests of rice and their natural enemies of North East India	Dr. Purnima Das, Asstt. Prof, Dept. of Entomology	Dept. of Entomology	GoI-DBT funded project	05.10.2018	3 years	31,79,996	30-11-2021

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41	Introgression of Phosphorus stress tolerant and multiple disease resistance genes into rice through market assisted selection	Dr. Akashi Sarma, Prof. Dept. of PBG	Department of Plant Breeding and Genetics, AAU, Jorhat	GoI-DBT funded project	22.10.2018	3 years	40,23,996	16-09-2022
42	Bio prospecting of some indigenous medicinal plants of NE Region of India with special reference to Anti Inflammatory properties	Dr. Iswar Chandra Barua, Pr. Scientist, Dept. of Agronomy	Dept. of Agronomy, AAU, Jorhat	GoI-DBT funded project	30.10.2018	3 years	17,92,600	17-09-2021
43	Improved mechanization in post harvest to reduce losses and improve quality	Dr. P. C. Dey, Pr. Scientist 1. Er. Suryakanta Khandai, Sr. Specialist-Post-harvest & Rice Value Chain, IRRI, Project Leader 2. Pradip C Dey, Principal Scientist(Physiology), AAU-ARRI, Titabar, Collaborating Scientist		ICAR-IRRI Collaborative Project	27.10.2019	Continued to		31-03-2023
44	RESILIENCE Climate Adaptation -Building Climate resilience of Indian Small-holders through sustainable intensification and Agro-ecological farming systems to strengthen food and nutrition security	Dr. T. Ahmed, Chief Scientist, Titabar Dr. Sanjay Kumar Chetia, Chief Scientist, AAU-ARRI, Titabar	AAU-ARRI, Titabar	NIBIO-funded project	23.10.2018	4 years	2602950	09-09-2024
45	Improved crop management and strengthened seed supply system for drought prone rainfed lowlands in South Asia	Dr. K. Kurmi, Prof. (Agron.)	Dept. of Agronomy, AAU, Jorhat	IRRI-IFAD funded project	02.03.2019	2 years	7500 U.S.D	31-12-2020
46	Sustainable security of the Tribal Communities of Assam through Sericulture centric promotional activities	Dr. L. C. Dutta, Prof. & Head, OSD, College of Sericulture, Dept. of Sericulture		Tribal Sub Plan (TSP) funded project		1 year	1990000	
47	Design and Development of Digital image Database with an Android Apps and Web System for the detection of major pests and diseases of coconut of Assam	Dr. Nirmal Mazumdar, Pr. Scientist, HRS, Kahikuchi		Coconut Development Board (CBD) funded project	26.03.2019	2 yrs	18,42,000	
48	Morphometry Soil erodibility and productivity potential of food prone Brahmaputra basins of Dhemaji district using Remote Sensing and GIS	Dr. Bipul Deka, Prof., Dept. of Soil Science	Dept. of Soil Science	Indian Space Research Organization (ISRO)	13.09.2019	3 Years	24,13,000	30-11-2022
49	Moving towards a sustainable private sector by	Mr. Dipanjan Kashyap, Asst.		NGO Bal Raksha	14.09.2019	2 months	3,27,800	31-10-2019

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	creating responsible business behaviour in tea industry in Assam	Prof., Dept of Agril. Economics, AAU, Jorhat		Bharat (Save the Children)				
50	Quality improvement of Tilpitha, a traditional rice product of Assam	Dr. Barnali Baruah, PI, DST-WOS-B Project, Dept. of food Science & Nutrition, College of Community Science	Dept. of Food Science & Nutrition, College of Community Science	GoI-DST-WOS-B Project	01.11.2019	3 yrs	3091000	09-12-2022
51	Upliftment of tribal population of Golaghat district of assam Through bioinput based organic ginger production	Dr. L.C. Bora, Prof., Dept of PP, AAU, Jorhat	Dept. of Plant Pathology, AAU, Jorhat	DST, GoI funded project	16.12.2019	3 Years	4635167	05-11-2022
52	Exploring Agribusiness opportunities in indigenous fruits of Assam	Dr. Manashi Gogoi, Asst. Prof. Dept. of Agril Economics & FM, AAU, Jorhat	Agricultural Economics and Farm Management	ICSSR, IMPRESS	09.01.2020	2 Years	500000	15-11-2021
53	Desk Research on Complilation of existing Govt. and private Sector schemes relevant for the small tea growers of Assam	Dr. Manisha Choudhury Asst. Professor, Dept. of Food Science and Nutrition, AAU, Jorhat	Dept. of Food Science and Nutrition, AAU, Jorhat-13	NGO Bal Raksha Bharat (Save the Children)	20.01.2020	1 Month	94600	31-03-2021
54	Detection of a mushroom toxin using nanoparticle based sensor	Dr. Robin Chandra Boro	Department of Agricultural Biotechnology, AAU, Jorhat	DBT -NER -BPMC funded Project	03.02.2020	3 Years	5042120	19-11-2023
55	Direct Seeded Rice Consortium (IRRI_ICAR Collaborative Project) Climate Smart management Practices	Dr. Kalyan Pathak, Pr. Scientist, DoR		IRRI	03.02.2020		USD 4000.00	On- going
56	Integrated Development of Turmeric Sector in North Eastern and Bundelkhand Region through Sustainable Technological Interventions for Improvement of Productivity, Quality and Post Harvest Processing Technology under Good Agricultural Practices (GAP) and Organic Production System	Dr. Pradip Mahanta, Pr. Scientist, HRS, AAU, Kahikuchi	AAU -HRS, Kahikuchi	DBT-funded	18.02.2020	3 yrs	1,29,06,000	01-02-2023
57	Standardization of Processing and production of consumable beverage from mulberry leaves and	Dr. Gautam Kumar Saikia, Professor, Dept. of THT,	Tea Husbandry & Technology	Central Silk Board,	15.05.2020	15 Months	11,26,000	29-10-2021

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	blending with green tea	AAU		Bengaluru				
58	Analysis of Holocene climate and vegetation around Tsomgo Lake, Sikkim: Implications from a high-altitude region in Eastern Himalaya	Dr. Ruchika Bajpai Mohanty, Dept. of Agronomy, AAU, Jorhat	Dept. of Agronomy, AAU, Jorhat	DST-Women Scientist Scheme A (WOS-A), GOI, Ministry of Science & Technology, New Delhi	26.05.2020	3 yrs	29,30,400	27-04-2023
59	Development of Superior haplotype based near isogenic lines (Haplo-NILs) for enhanced genetic gain in rice	Dr. Sanjay Kr. Chetia, Pr. Scientist		IRRI -DBT, MST, GoI funded Project	03.06.2020	3 years	15,69,892	21.11.22
60	Mainstreaming rice landraces diversity in varietal development through genome wide association studies: A model for large – scale utilization of gene bank collection of rice	Dr. Sanjay Kumar Chetia, Pr. Scientist (Plant breeding), RARS, Titabor		DBT Funded	28.05.2020	5 yrs	7094320	05.04.23
61	Suitability Classification for construction of rainwater Harvesting systems Through Application of RS & GIS for Efficient Water Management in karbi-Anglong District.	Dr. Kabyasree Choudhury, Jr. Scientist	AICRP on Water Management	ASTECC funded Project	21.10.20	2 years	100000	31.10.20
62	Strengthening the Onion seed in Assam through standardization of seed production technology utilizing the rain shadow belts of Karbi Anglong District of Assam	Dr. T.P.Saikia, Pr. Scientist & PI, RARS, AAU, Shillongani	Started at AAU-ZRS, Shillongnai(2020), transferred to AAU-SMAPRS, Buralikson(2022)	AAU -ZRS, Shillongani	19.10.2020	2 years Initially 2 years(Au' 22), extended till August,23	200000	15.10.22
63	Molecular characterization of citrus germplasm of NER & systematic conservation through establishment of Gene repositories	Dr. R. K. kakoki, Pr. Scientist, CRS, AAU, Tinsukia	Dr. R. K. Kakoti, Pr. Scientist	AAU - CPCRS, Tinsukia	08.07.20			29.06.20
64	Survey of Rural Markets (Gramin Periodical Haats) in Assam	Dr. R. A. Halim, Dept. of Agricultural Economics & FM, CA, AAU, Jorhat	Dept. of Agricultural Economics & FM, CA, AAU, Jorhat	State Innovation & Transformation Aayog (SITA), Go	24.12.2020	12 Month	1463000	31-12-2022

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				Assam				
65	Status of Municipality Solid Waste Generation in Biswanath Chariali and Strategies of Solid waste management for Biswanath Chariali Municipality area	Dr. P. K. Sarma, Chief Scientist, AICRP DA, BNCA		Deputy Commissioner Biswanath	19.10.2020	5 months	3,70,000.00	
66	Expansion of DBT Biotech KISAN Hub Activities in three aspirational districts (Udalguri, Dhubri and Goalpara) of Assam	Dr. Sarat Saikia, CS, HRS, AAU, Kahikuchi	HRS, AAU, Kahikuchi	DBT Funded project	09.10.2020	09-09-2020		08-09-2022
67	Geo surveillance of Agromet Field Units for effective delivery of Agromet Advisory Services	Dr. Prasanta Neog, PI & Prof., Dept. of Agrometeorology, BNCA	Dept. of Agrometeorology, BNCA	NESAC, Shillong	28.01.2021	Though duration of the project was 1 year, due to covid pandemic the project was completed in 2 years	350000	31-03-2023
68	Determinants of unsustainability of rural agro based business ventures in the plain tribal pockets of down Brahmaputra Valley Zone of Assam for leveraging tribal entrepreneurship	Dr. Nirmal Mazumdar, Pr. Scientist, HRS, Kahikuchi (Dr. Jayanta Kumar Sharma)	AAU-HRS, Kahikuchi	Deptt. of Welfare of Plain Tribes & Backward Classes, Govt. of Assam (WPT & BC, GoA)	09.03.2021	1 year	260000	31-03-2024
69	Phytochemical characterization and nutritional profiling of germplasm diversity of Citrus species existing in NE Region	Dr. A. M. Baruah, Prof., Dept of Biochemistry & Agril	Dept of Biochemistry & Agril	GoI-DBT funded project	20.02.2021	3 years	14790640	
70	Harnessing Endophytes and Arbuscular Mycorrhizal fungi from citrus microbiome for plant and soil health management in NE India	Dr. Anjuma Gayan, Assistant Professor, Soil Science, College of	Dept. of Soil Science, College of Sericulture, AAU, Jorhat	Department of Biotechnology, Gol	18.03.2021	3 years	2957120	10-03-2024

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		Sericulture, AAU, Jorhat						
71	Network project for "Establishment of Disease free Elite Khasi Mandarin and Sweet Orange Genetic Stocks through shoot tip grafting (STG) and Mass production of quality Planting material for North eastern states of India	Dr. Sarat Saikia, Chief Scientist & PI, HRS, AAU, Kahikuchi	HRS, AAU, Kahikuchi	DBT-GoI, NER Project	31.03.2021	2 yrs	54,82,544	08.07.22
72	Collection, Conservation and Morpho-Phenological characterization of citrus germplasm of North Eastern Region	Dr. Sarat Saikia, Chief Scientist & PI, HRS, AAU, Kahikuchi	HRS, AAU, Kahikuchi	DBT-GoI, NER Project	31.03.2021	2 yrs	56,56,800	05.07.22
73	Collection, Conservation and Morpho-Phenological characterization of citrus germplasm of North Eastern Region	Dr. R. K. kakoki, Pr. Scientist, CRS, AAU, Tinsukia	AAU-Citrus and Plantation Crops Research Station, Tinsukia	DBT-GoI, NER Project	31.03.2021	3 Years	36725304	15.06.22
74	Network Project for Establishment of disease free elite Khasi mandarin and Sweet Orange genetic stocks through shoot tip grafting (STG) and mass production of quality planting material for Northeastern states of India	Dr. R. K. Kakoki, Pr. Scientist, CRS, AAU, Tinsukia	AAU-Citrus and Plantation Crops Research Station, Tinsukia	DBT-GoI, NER Project	30.03.2021	3 Years	45479024	10.10.22
75	Phytochemical characterization and nutritional profiling of germplasm diversity of Citrus species existing in NE Region	Dr. Dr. Raaj Kumar Kakoti, Pr. Scientist, AAU -CPCRS, Tinsukia	AAU-Citrus and Plantation Crops Research Station, Tinsukia	DBT, MST, Govt. of India	31.03.2021	3 years	14790640	15-02-2024
76	Utilization of Citrus Microbiome in Rejuvenating Khasi Mandarin Plants affected by important citrus diseases	Dr. Madhumita Barooah, Professor, Dept. of Agril. Biotechnology, AAU	Dept. of Agril. Biotechnology, AAU	DBT - GoI, Funded Project	05.04.2021	3 years	6769188	07-03-2024
77	Integrated approaches towards addressing sustainable agriculture among the ST/SC population with special reference to Jhum cultivators of karbi anglong District of Assam	Dr. Madhumita Barooah, Professor, Dept. of Agril. Biotechnology, AAU	Dept. of Agril. Biotechnology, AAU	DST, GoI funded project	13.04.2021	3 Years	7723588	07-03-2024
78	Utilization of Citrus Microbiome in Rejuvenating Khasi Mandarin Plants affected by important citrus diseases	Dr. Popy Bora, Jr. Scientist (PP), AAU, Jorhat	Department of Plant Pathology, AAU, Jorhat	Department of Biotechnology, GoI	13.04.2021	3 Years	4838400	08-03-2024
79	Genome wide association mapping for identification of novel genes/ QTLs of Bao Rice population of	Dr. Dhiren Chowdhury, Pr. Scientist	AAU -ZRS, North Lakhimpur	DBT, MST funded project	24.04.2021	3 Years	5095224	

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	Assam for deep water tolerance and nutritional quality trait							
80	Doubling farmers income through cultivation of a high value fruit crop- dragon fruit in Kokrajhar district	Dr. Vinod Upadhyay, Scientist, RARS, Gossaingaon	AAU -ZRS, Gossaingaon	NATIONAL BANK FOR AGRICULTURE AND RURAL DEVELOPMENT (NABARD)	29.05.2021	2 Years	986275	29.06.21
81	Exploiting chemical ecology for IPM : Deciphering the phytosemiochemical involved in -insect -plant intercation of major crop pests of North east - Region -India	Dr. Badal Bhattacharyya, Pr. Scientist, Dept. of Entomology	Dept. of Entomology, AAU, Jorhat	DBT, Funded project	21.06.2021	3 Years	47578792	01.03.24
82	Exploiting chemical ecology for IPM : Deciphering the phytosemiochemical involved in -insect -plant intercation of major crop pests of North east - Region -India	New PI: Dr. Raaj Kumar Kakoti (Former PI :Dr. Sikha Deka, Jr. Entomologist, CRS,AAU,Tinsukia)	AAU-Citrus and Plantation Crops Research Station, Tinsukia	DBT, MST, Govt. of India	09.06.2021	3 years	5313740	20.07.23
83	Management of Fusarium wilt in NER Banana using ICAR-FUSICONT Technology	Dr. Popy Bora, Jr. Scientist (PP), AAU, Jorhat	Plant Pathology (AAU-ARRI, Titabar)	DBT, MST funded project	04.06.2021	3 years	8134560	31-03-2024
84	Augmentation of income of small tea growers of Assam through production and marketing of specialty tea	Dr.Gautam Kumar Saikia, Dept. of THT, AAU	Dept. of Tea Husbandry & Technology, AAU, Jorhat	North-East Centre for Technology Application & Reach, New Delhi	11.06.2021	1 Year	2090000	25-10-2022
85	Genome wide association studies for agronomic and nutritional traits in rice using Multiparent Advance Generation Intercross (MAGIC) population developed from Assam Rice	Dr. Jyoti Lekha Borah, Junior Scientist (PBG), RARS, Titabor, AAU	AAU -ARRI, Titabar (Dept. of Plant Breeding and Genetics)	SERB - Power Grant	10.08.2021	3 years	2994332	27-06-2024
86	Collection Conservation and Maintenance of Locally Available Medicinal and Aromatic Plants	Ms. Sanchita Brahman, Asstt. Pro. & PI, Dept. of Horticulture, SCSCA, AAU, Jorhat	Dept. of Horticulture, SCSCA, AAU, Jorhat	Ministry of AYUSH, Govt. Of India, NMPB, New Delhi	22.09.2021	3 years	420000	
87	AGGRI Alliance(One IRRI Breeding Network-TLaSF-R)	Dr. Dhiren Chowdhury, RARS, AAU, NL	AAU-ZRS, North Lakhimpur, Assam	IRRI -Funded Collaborative	01.07.2021	2 Years	USD 12000.00	30-09-2023

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				Research Project (IRRI, South Asia Rice Breeding Hub, Hyderabad)				
88	Field trials of Trambay Mutants, Radiation Based Improvement of the crops and post-harvest preservation	Dr. Debojit Sarma, Prof., Dept. of PBG, AAU, Jorhat	Dept. of PBG, AAU, Jorhat	BARC funded collaborative research project/ R&D programme	20.08.2021	3 years	4500000	28-09-2024
89	Preparation of Commercial Potting Mixture	Dr. S. K. Borah, PI, HRS, AAU, Kahikuchi		AAU Grant	20.09.2021	5yrs	495300	
90	Catalyzing complementary Olericulture in Assam, Arunachal Pradesh and Nagaland for Livelihood— Security by Provisioning Quality Seed & Seedling of indigenous and Commercial vegetables Generated through Hitech Mini Plug Nursery and Conventional Means and Promotion of Bio- Enterprise	Dr. Sarat Saikia, CS, HRS, AAU, Kahikuchi	HRS, AAU, Kahikuchi	DBT, MST, GoI	03.12.2021	3 yrs	15550763	20.04.22
91	An Approach for enhancement of Muga Silkworm production in Assam	Dr. Palash Deb Nath, Prof. & PI, Dept. of Plant Pathology, AAU, Jorhat	Dept. of Plant Pathology, AAU, Jorhat	SITA, GoA	03.12.2021	3 yrs	3031000	
92	Morpho-physiological, bio-chemical and genotypic evaluation of upendra Rice	Dr. Sanjay Kr. Chetia, Pr. Scientist		DST - Funded project	03.12.2021	2 Years	4900000	01.12.21
93	Assessment of Citrus species of Assam with special emphasis on genetic diversity and conservation of Rough lemon (Citrus jambhiri Lush.) of Agro-climatic zones.	Dr. Purnima Pathak, Asstt. Prof, College of Horticulture, Nalbari	College of Horticulture and Farming System Research	ASBB Project	17.12.2021	2 years	495000	07-11-2023
94	Multi institutional approach on development of technology driven bio-input production clusters for mass production of biofertilizers and biopesticides for promotion of eco-friendly farming with collateral development of bio-entrepreneurship in vegetables, spices and small tea growers of NE Region of India for better livelihood	Dr. B.C.Nath, Assistant professor, Department of Plant Pathology, AAU, Jorhat	Department of Plant Pathology, AAU, Jorhat	DBT, GOI	16-12-2021	3 years	23,15,262	

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95	Multi institutional approach on development of technology driven bio-input production clusters for mass production of biofertilizers and biopesticides for promotion of eco-friendly farming with collateral development of bio-entrepreneurship in vegetables, spices and small tea growers of NE Region of India for better livelihood	Dr.(MRS.) Seema Bhagawati, Scientist	AAU-HRS, Kahikuchi	DBT,GOI	31.08.2023	3 years	51,74,678	
96	Scientific and integrated management of Orange Orchard in Karbi Anglong District	Dr. Mercydi Maibangsa, Principal Scientist		ASTEC funded Project	26.06.23			
97	Introduction and popularization of Meliponiculture in Karbi Anglong Dist.	Dr. Manha Bathari, Jr. Scientist, RARS, Diphu		ASTEC, GoA	26.06.23			
98	Popularization and Commercialization of the Soybean crop in NEH Region	Dr. Munmi Borah, Jr. Scientist, Dept. of Plant Pathology, AAU, Jorhat	Dept. of Plant Pathology, AAU, Jorhat	GoI, IISR-GRANT-NEH	02.03.22	1 Year	1999220	
99	Sustainable rural livelihood through introduction and development of Scientific bee keeping in hill distance of Assam	Dr. Mahna Bathari, Jr. Scientist (Ento), RARS, AAU, Diphu	AAU- ZRS, Diphu (Dept. of Entomology)	DBT-GoI, MST	28.04.2022	2 yrs	8390000	31-03-2024
100	Establishment of large scale mushroom spawn unit to empower tribal women through oyster mushroom cultivation	Dr. Vinod Upadhyay, Jr. Scientist, RARS, AAU, Gossaigaon	AAU-ZONAL RESEARCH STATION, GOSSAIGAON	Bodoland Territorial Council (BTC)	29.04.22	1 yr	37,00,000	31-03-2024
101	Generating high-depth genomics information for the Himalaya-rice cultivars for improving nutritional quality and stress tolerance	Dr. Sanjay K. Chetia, Chief Scientist, RARS, AAU, Titabar	AAU-ARRI, Titabar	DBT, MST, GoI	30.04.22	3 yrs	6203960	10.03.23
102	Biotech -Krishi Innovation science application Network (Biotech_KISAN) Hub at CAU, Parhishat (EAST Siang, West Siang Lower Dibang Valley Namsai and Jorhat)	Dr. R. N. Borkakoti, Jr. Scientist, AICRP on Biocontrol, Dept. of Entomology	AAU-ZRS, Shillongani	DBT, GoI funded project	12.08.2022	2 Years	14000000	On process
103	Millet Promotion thorough R&D Activities (main project) 2. Process & value addition of millet for nutrition and livelihood security (sub project).	Dr. S.K. Paul, Chief Scientist, RARS, Gossaigaon 2. Dr. Premila L. Bordoloi, Asstt. Prof., Dept. of FSN, CCSc		Dept. of Agriculture, GoA	26.09.22	3 yrs	100 lakh 80,33,100 for Goss 1966900 for CCSc	23.09.22
104	Expressing herbivore danger signed- associated receptor-like kinase genes, HAKs, in chickpea to	Dr. Sumita Acharjee, Asstt. Prof., ABT, AAU, Jorhat	Prof., ABT, AAU, Jorhat	DST-JSPS	12.10.22	2 yrs	744000	29-06-2023

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	mediate resistance to Helicoverpa-armigera.							
105	Establishment of Natural farming and Organic Agriculture under R & D	Dr. Kalyan Pathak, HoD,	Dept. of Agronomy, AAU, Jorhat	Dept. of Agriculture, Govt. of Assam	13.10.22	2 yrs	10000000	22.02.22
106	Exploring the genetic regulators of suberin & HCAA pathway for imparting broad – spectrum tolerance in tomato against Soil borne vascular pathogens & drought	Dr. Anurag Kashyap, Asst. Prof. & PI,	Dept of Plant Pathology, AAU, Jorhat	Science and Engineering Research Board (SERB)	13.12.2022	2 Years	3037540	
107	Detection of crop responses to elevated Co2 & Temperature drought light & submergence stress using close – range hyperspectral, thermal imaging in an advanced physiological tools.	Dr. Ranjan Das, Prof., Dept of Crop Physiology, AAU, Jorhat	Dept of Crop Physiology, AAU, Jorhat	DST	13.12.2022	3 years	4054000	
108	Development of Quality Nucleus stock production unit of honey bee colonies	Dr. Mukul Kumar Deka Pr. Scientist,	Dept. of Entomology, AAU, Jorhat	National Bee Board, NBHM	22.12.2022	intially implemented for 3 Months	21.74 Lakh	
109	Up scaling of livelihood: implication through smart Agriculture and Agri – eco - tourism	Dr. Ranjan Das, Prof., Dept of Crop Physiology, AAU, Jorhat	Dept of Crop Physiology, AAU, Jorhat	SITA, GoA	28.09.2023	5 years	4,97,78,000	
110	Assessment of edaphic factors to combat citrus decline in Assam using Geospatial Technology	Dr. Marami Dutta, Asst. Prof., Department of Soil Science, AAU, Jorhat	Department of Soil Science, AAU, Jorhat	ISRO Govt of India	10.04.2023	3 Years	2503760	23-03-2026
111	Germplasm screening, in vitro regeneration and molecular interaction study in response to potato virus in Bhut Jolokia (Capsicum Chinese jacq)	Dr. Ratna Kalita, Asst., Prof., AAU, Jorhat	Dept. of Agricultural Biotechnology, AAU, Jorhat	DBT	24.04.2023	3 Years	2857120	16.11.23
112	GIS mapping of char areas of Assam using geospatial Techniques for planning strategies of Crop management and improving livelihood security	Dr. Dilip Kumar Patgiri, Prof., & Head	Soil Science	Government of Assam	25.04.2023	1 Year	100.00 Lakh	16.10.23
113	ANOTHER NAME :Characterization and mapping of Char areas of Assam using Geospatial Techniques for planning strategies of crop management and improving livelihood security Implementation Date :30-03-2022	Dr. Dilip Kumar Patgiri, Prof., & Head	Soil Science	Government of Assam	30-03-2022	1.5 years	179.05	30-09-2023

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114	Development of ready to use tablet formulation of antimicrobial essential oil for eco friendly management of crop pathogens by spray application	Dr. Anurag Kashyap, Asst. Prof., Dept of PP	Dept. of Plant Pathology, AAU, Jorhat	DST	25.04.2023	3 Years	4852293	
115	Genetic Improvement of rice for biotic and abiotic stresses using molecular breeding especially drought, submergence, BB and Blast diseases; "DBT-North East Centre for Agricultural Biotechnology DBT – NorthEast Centre for Agriculture Biotechnology (DBT – NECAB): Phase III	Dr. S.K.Chetia, AAU- ARRI, Titabar	AAU- ARRI, Titabar	DBT	25.04.2023	3 Years	172.5676	24-04-2026
116	Delineation of Soils based on nutrients status and econometrics under different land uses for future sustainability East Karbi -Anglong using Gis and machine learning technique	Dr. Rashmi Baruah, Jr. Scientist, AAU, ZRS, Diphu		ASTECC	16.06.23	3 Years		
117	Improvement of glutinous rice of Assam for agrinomic & yield parameters through radiation induced mutation breeding	Dr. Nagandra Sarma Baruah, Professor & PI	Dept. of Plant Breeding and Genetics, AAU, Jorhat	BRNS, DEE, GOI	10.08.2023	3 years	25,21,300	
118	Development of mild strain-cross protected khasi mandarian planting material for management of citrus decline caused by citrus tristeza virus in North East India.	Dr. P.D. Nath, Professor & Head	Department of Plant Pathology, AAU, Jorhat	DBT		3 years		
119	ICAR-CITH, Srinagar and AAU, Jorhat collaborative project for NEH	DR. Popy Bora, Sr. Scientist	AAU-ARRI, Titabar	ICAR-CITH	04.10.2023	1 year	26,50,000	
120	Fabrication of bacterial nano-cellulose film activated with Plant essential oil for application as green, edible and anti-microbial food packaging material.	Dr. Anurag Kashyap, Asstt. Professor	Department of Plant Pathology, AAU, Jorhat	ALSBT Hub Project	28.11.2023	2 years		
121	Assessment of Agro- ecology based cropping system and natural Bio-inputs for soil health improvement and product quality enhancement in Assam, India	Dr. Surajit Kalita, Scientist	O/O Directorate of Research, AAU, Jorhat	GIZ	13.02.24			
122	Drudgeny reducing tools and techniques-an approach to faster scientific knowladge among rural women for better health and increased productivity	Dr. Bobita Sharma, Asstt. Professor	Department of FRM &CS, CCSc, AAU, Jorhat	DST, GoI funded project	06.12.2023	1 year	22,35,000	

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123	Ethanobotanical study of Plant Resource used as food medicine among the hill karbis of Assam	Ms. Hunmili Terangpi, Scientist	AAU-ZRS,Diphu	NEIAFMR	15.12.2023	1 year	1,00,000	
124	Development of high yeilding non-lodging and biotic resistant varieties of block scented rice of Manipur and Assam through biotechnological intervention: Phase II	Dr. S.K. Chetia, Chief Scientist	AAU-ARRI, Titabar	DBT	20.12.2023	3 years	2,30,06,000	
125	Livelihood Promotion of smallholder tribal farmers through entrepreneurial vertures in traditional fruits of Assam	Dr. Manashi Gogoi,	Asst. Prof. Dept. of Agril Economics & FM, AAU, Jorhat	ICSSR, GoI	27.12.23			
126	Evaluation of land suitability for summer Rice in Lower Brahmaputra Vally zone of Assam using GIS and remote sensing.	Dr. Pompy Deka	Asst. Prof. , SCSCA, Dhubri	SERB, GoI	12.01.2024	3 years	27,07,570	
127	Bio-evaluation, Identification, Quantification of Bio-active compounds and development of Bio-pesticides from Ethno medicinal Plant Extract against Major Insect Pest of Vegitable crops	Dr. Sanchita Brahma, Asstt. Prof, Dept. of Horticulture, SSSCA, AAU, Dhubri	Asst. Prof. , Dept. of Horticulture, SCSCA, Dhubri	NMPB, AYUSH, GoI	12.01.2024			
128	Validation and promotion of integrated pest Management in Rice and Horticultural crops of NEH region of India	Dr. Sikha Deka, Asstt. Prof., Dept. of Horticulture & FSR, Nalbari	AAU-ARRI, Titabar		12.01.24			01.03.24
129	Fostering Na Kuhipat into a self sustainable FPC through Commercialization of Purple rice variety Labanya in Titabar block of Jorhat district of Assam	Dr. Milan J. Konwar	Scientist (Agronomy), AAU-ARRI, Titabar	NABARD	29.01.2024			
130	Technology intervention for product diversification in handloom weaving to promote capacity building for livelihood security of women articians	Dr. Nabaneeta Gogoi,	Pr. Scientist, Dept of TAD, CCSc.	DSIR				

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