

S.No	Name of the PI/ Co-PI/Name of the person holding the Chair	Title of the research project, endowments, Research Chairs	Name of the funding agency	Duration	Year of award or sanction	Amount in INR.	Type
1	Prof. Gulrukh Begum	Impact of Consanguinity on health: a study in Barpeta district, Assam	Indian Council of Social Science Research, New Delhi	3years	2018	800,000	Govt.
2	Dr. Mizazur Rahman Talukdar	Reception of Rabindranath Tagore in the Arab World	Gauhati University "Scheme for promoting Research among Young Faculty"	3years	2018	150,000	Govt.
3	Dr. Niraj Agarwala	Deciphering miRNA-mRNA modules associated with Darjeeling tea quality	SERB	3years	2018	4,373,000	Govt.
4	Dr. Hemen Kumar Kalita	Graphene derivatives as resistive and capacitive based prototype sensor for soilmoisture detection foragricultural applications	UGC	3years	2018	1,000,000	Govt.
5	Dr. Hemen Kumar Kalita	Graphene based prototype sensor for soil moisture detection for agriculture applications	ASTEC	3years	2018	250,000	Govt.
6	Dr. Bimal Kumar Sarma	Colour pure near UV light emission enhancements from ZnO based thin film devices	ASTEC	3 years	2018	350,000	Govt.
7	Prof. Akhil Ranjan Dutta	Contested Urban Space: A Study of Street Vendors	CSEAS	3 years	2018	682,500	Govt.
8	Dr. Banasri Mech	Cytogenetic study of certain endemic fishes of North East, India	ICAR, National Bureau of Fish Genetic Resources, Lucknow	2 years	2018	283,000	Govt.
9	Dr. Banasri Mech	Study of the microbiota of the gut and integumentary system of the mud eel, <i>Monopterusuchia</i>	DBT, Government of India	1 years	2018	800,000	Govt.
10	Dr. Malabika Kakati Saikia	Study on Biodiversity foothills of Eastern Himalaya & North Bank Landscape of Brahmaputra Valley	National Mission on Himalayan Studies, GBP NIHE HQs Ministry of Environment, Forest & Climate Change (MoEF&CC), New Delhi (NMHSGBPIHD)	3 years	2018	0	Govt.
11	Dr. Manas Das	The present status of diversity and abundance of zooplankton communities in the Deepor Beel (Ramsar site) of Assam North East India	DBT	1 year	2018	800,000	Govt.
12	Dr. Manas Das	To study the influence of climate and season in innate immunity within Native Populations of Endemic Silkworm <i>Anthrea assamensis</i>	Gauhati University	1 year	2018	150,000	Govt.
13	Dr. Bulbuli Khanikor	To study the diversity and abundance of ants in Laokhowa Wildlife Sanctuary, Assam, India	DBT under Folscope scheme	1 year	2018	800,000	Govt.
14	Prof. P. K. Saikia	Studies on Biodiversity in foothills of Eastern Himalaya & North Bank Landscape of Brahmaputra Valley, Assam	NMHS-PMU, G B Pant National Institute of Himalayan Environment	1 year	2018	12,700,000	Govt.
15	Dr. Sofia Banu	Study of molecular basis of fruit morphology variation in Assam lemon through genomic approach	DBT	3 years	2018	44,332	Govt.
16	Dr. Subhash Medhi	Study of molecular basis of fruit morphology variation in Assam lemon through genomic approach	DBT	3 years	2018	44,332	Govt.
17	Dr. Krishna Boro	A Proficiency Course in Boro: From conception to implementation	Gauhati University	3 years	2018	150000.00	Govt.
18	Dr. Sofia Banu	Deciphering the role of microbes in agarwood deposition and functional characterization of important key enzymes	DBT	3 years	2018	4,722,996	Govt.
19	Dr. Debabrat Baishya	Deciphering the role of microbes in agarwood deposition and functional characterization of important key enzymes	DBT	3 years	2018	0	Govt.
20	Dr. Subhash Medhi	Support to conduct training programme in the area of molecular-biology/ molecular diagnostic	DHR	3 years	2018	6,874,500	Govt.

21	Dr. Debajyoti Mahanta	Design and Synthesis of Hierarchically Porous Materials-Conducting Polymer Composites for Electrochemical Supercapacitors	DST SERB		2018	3,800,000	Govt.
22	Prof. Dhrubajyoti Sahariah	Dynamics of sedimentation and its impact on local resources in Upper North Bank of Brahmaputra: An integrated study using field-surveys and geospatial technologies. Duration: 3 years (October 2018-Sept 2021)	ISRO	3 years	2018	3,420,000	Govt.
23	Prof. Partha Pratim Baruah	Assessing phytoplankton diversity in different fresh water habitats of Assam, Tripura & Arunachal Pradesh	MoEF & CC, Govt. of India	3 years	2018	2273000.00	Govt.
24	Dr. Niraj Agarwala	Harnessing endophytes from wild tea germplasm for developing microbial bioformulation aimed at sustainable organic tea production	Gauhati University	3 years	2018	150000.00	Govt.
25	Dr. Poonam Kakoti Borah	Creches, Care-work and the State: A study of Child-Care facilities in Guwahati City	Gauhati University	3 years	2018	100000.00	Govt.
26	Dr. Paramita Roy	A study on the pattern of Household Consumption Expenditure in India with special reference to Post-Reforms period	Gauhati University	3 years	2018	100000.00	Govt.
27	Dr. Anshuman Barua	Economic growth and employment in India: A post reform analysis	Gauhati University	3 years	2018	100000.00	Govt.
28	Prof. KumanandaTayung	Exploration of endophytic communities from some selected indigenous rice landraces of North-East India and their applications for improvement of growth and yield of traditional rice varieties	DBT	3 years	2018	6367992.00	Govt.
29	Dr. Badan Barman	Academic Social Network of Gauhati University: A Platform to Connect Students, Research Scholars, Faculties, Staff and Alumni with a Single Thread	Gauhati University	2 years	2018	100000	Govt.
30	Prof. Bhaben Tanti (PI)	Collection, evaluation, documentation and conservation of banana genetic resources from North-eastern region	DBT	4 years	2018	4,200,000	Govt.
31	Prof. Bhaben Tanti (PI)	Whitefly (Bemisia tabaci) in North Eastern India: Diversity, factors of virus transmission and natural inhibitor	DBT	4 years	2018	4,650,000	Govt.
32	Prof. Dandadhar Sarma	Attempt to develop diagnostics and preventive measure for suspected fish viral diseases encountered in Assam	DBT	3 years	2018	14,323,600	Govt.
33	Prof. Dandadhar Sarma	Establishment of captive breeding protocols and value addition to selected indigenous ornamental fishes from North East India	F	3 years	2018	7,646,000	Govt.
34	Prof. Dandadhar Sarma	Establishment of Fresh water Ornamental Fish Brood Bank	NFDB, Hyderabad		2018	12,000,000	Govt.
35	Prof. Dandadhar Sarma	Technological & Infrastructure support for Livelihood upliftment of Tribal Fish farmers under TSP scheme	ICAR-NBFGR, Lucknow	3 years	2018	2,500,000	Govt.
36	Dr. Kushal Kalita (PI)	Investigating multi-nucleon transfer & n-p correlation: effects of nuclear deformation/orientation	DAE-BRNS	3 years	2018	2,556,400	Govt.

37	Dr. Manos Pratim Chakrapani Kalita	Investigating multi-nucleon transfer & n-p correlation: effects of nuclear deformation/orientation	DAE-BRNS	3 years	2018	2,556,400	Govt.
38	Dr. Nilamoni Nath	Development of residual chemical shift anisotropy based NMR methods for determination of small molecule constitutions and configurations	DST-SERB	3 years	2018	3,212,000	Govt.
39	Dr. Debasish Borbora	Differential methylation of the HVP16 upstream regulatory region and its association with cervical carcinomas	ICMR	2 years	2018	2,024,543	Govt.
40	Dr. Hridip Kumar Sarma	Characterization of novel photoprotective MAAs and antimicrobial carotenoids from natural pigmented yeasts endemic to northeastern region	DBT	3 years	2018	4,222,996	Govt.
41	Dr. Subhash Medhi	A Systematic assessment of acute viral hepatitis and chronic liver diseases in Northeast India with special reference to strengthening of laboratories in the region	ICMR	3 years	2018	2,994,817	Govt.
42	Dr. Hirakjyoti Goswami	A study on thunderstorm genesis processes & development of thunderstorm warning System	DST ASTEC	2 years	2018	441280.00	Govt.
43	Dr. Hemen Kumar Kalita	Flexible and surface tailored graphene based derivatives as toxic gas/vapor	SERB	3 years	2018	4,826,800	Govt.
44	Dr. Arun Kumar Dutta	DST-Inspire Faculty project entitled "Molecular systematics of Wild Edible Macrofungi of Eastern India and exploration of their nutritional prospects as nutraceuticals"	Department of Science and Technology (DST), Govt. of India	5 years	2018	3,500,000	Govt.
45	Dr. Surajit Misra	Start-up Grant	UGC-BSR	1 year	2018	1,000,000	Govt.
46	Dr. Suparna Bhattacharjee	Conducting research work included in the proposal for Young Faculty Research Fellowship	Ministry of Electronics and Information Technology (MeitY)	2 years	2019	1,000,000	Govt.
47	Dr. Bedanta Gogoi	DST-Inspire Faculty project	Department of Science and Technology (DST), Govt. of India	5 years	2019	11,240,000	Govt.
48	Dr. Banty Tiru	Quantification and Understanding of the Variability of 3D Turbulence using atmospheric radars	SERB (TARE)	3 years	2019	1,830,000	Govt.
49	Dr. Vaskar Deka	Design and development of a prototype model for smart environment	All India Council for Technical Education (AICTE)	3 years	2019	545000.00	Govt.
50	Dr. Pranjan Barman	Molecular and Biochemical studies on indigenous medicinal plants from the North East India including Urginea Indica (Bon Pollundu) and Dactyloctenium aegyptium for the development of potential Anti-Diabetic formulations	DBT NER-BPMC	3 years	2019	9,516,800	Govt.
51	Dr. Khamseng Baruah	Disciplinary Specific Literary Skills of the Learners of Undergraduate Students in the Department of Information Technology of Gauhati University : An Investigation	British Council English Language Teaching Research Mentoring Scheme (ELTRMS)	1 year	2019	184,500	Non-Govt.
52	Dr. Namita Nath	Inventorization of wild edible fruits of Assam with special reference to their sustainable utilization for livelihood generation	ASTEC	3 years	2019	500000.00	Govt.
53	Dr. Hemen Kumar Kalita	Surface tailored and flexible graphene derivatives for efficient waste water treatment	ASTEC	3 years	2019	550000.00	Govt.

54	Dr. Parismita Sarma (Co-PI)	Disciplinary Specific Literary Skills of the Learners of Undergraduate Students in the Department of Information Technology of Gauhati University : An Investigation	British Council English Language Teaching Research Mentoring Scheme (ELTRMS)	1 year	2019	145,000	Govt.
55	Dr. Nabamita Deb (Co-PI)	Monitoring Stress in students using EEG	NPIU, TEQIP Collaborative Research Scheme	1 year	2019	1,543,000	Govt.
56	Dr. Anurup Gohain Barua	Bioluminescence emissions from different species of fireflies in different ambient conditions	SERB-DST	3 years	2019	3,001,358	Govt.
57	Dr. Pranjit Hazarika	DST-Inspire Faculty project	Department of Science and Technology (DST, Govt. of India)	1 year	2019	679,718	Govt.
58	Dr. Madhurjya Prasad Bora	An Investigation of Plasma Sheath through PIC Simulation	DST-SERB	3 years	2019	1,927,082	Govt.
59	Dr. Pranjit Hazarika	Geochemical and mineralogical appraisal of basement and intrusives in Garo Hills, Shillong Plateau	DAE-BRNS	3 years	2019	3,204,100	Govt.
60	Dr. Dandadhar Sarma	Development of live germplasm resource centre for indigenous food and ornamental fishes for resources enhancement and sustainable livelihood generation in Assam	ICAR-NBFGR (Collaborative Research Project)	3 years	2019	2500000.00	Govt.
61	Mr. Hrishikesh Choudhury	Exploration & Evaluation of ichthyofaunal diversity of Khri River, Meghalaya and Subansiri River, Arunachal Pradesh	ICAR-NBFGR (Collaborative Research Project)	3 years	2019	545,000	Govt.
62	Dr. Banasri Mech	Karyotype and Cytogenetic mapping of selected endemic fishes of northeast India	ICAR-NBFGR (Collaborative Research Project)	3 years	2019	500000.00	Govt.
63	Dr. Samir Sarkar	A Study on the effectiveness of E-governance in government to citizen service delivery mechanism in Assam : Special reference to E-district mission mod	Indian Council of Social Science research (ICSSR)	2 years	2019	300,000	Govt.
64	Dr. Surajit Misra	Petrology, microstructure, geochemistry, rock strength measurement and crustal stresses within basement granitoids underlying the Deccan Basalt in and around the Koyna-Warna area	Ministry of Earth Sciences Seismology Division	3 years	2019	8,450,240	Govt.
65	Dr. Pranjit Hazarika (Co-PI)	Petrology, microstructure, geochemistry, rock strength measurement and crustal stresses within basement granitoids underlying the Deccan Basalt in and around the Koyna-Warna area	Ministry of Earth Sciences Seismology Division	3 years	2019	0	Govt.
66	Dr. Suparna Bhattacharjee	Synthesis, Characterization and Application of Nanomaterials (work proposed)	Digital India Corporation (Ministry of Electronics and Information Technology, MeitY, GOI)		2019	740,000	Govt.
67	Dr. Niraj Agarwala (Co-PI)	DST-PURSE	Ministry of Science & Technology, DST R&D (Infrastructure) division	5 years	2019	7,220,000	Govt.
68	Prof. Padmini Bhuyan Baruah	Investigating action research (AR) in practicum as transformative teacher education practice for multicultural pedagogy; developing AR fluency in practicum (Fulbright Nehru Academic and Professional Excellence Fellowship)	United States-India Educational Foundation (USIEF) & Fulbright Association, USA		2019	2,100,000	Non-Govt.
69	Dr. Manas Das	To study the anti-inflammatory effect of crude extract of colocasia using murine macrophage cell line (RAW 264.7)	ASTEC		2019	4,50,000	Govt.

70	Dr. Manas Das	To study the role of Aquaporins on inflammation in lipopolysaccharide treated RAW and THP-1 cell line	DHR-ICMR Young Scientist Scheme		2019	4000000	Govt.
71	Dr. Vaskar Deka	Classification and Identification of Parkinson disease patient for proper treatment	AICTE, NPIU-TEQIP-III		2019	533,000	Govt.
72	Dr. Vaskar Deka	Seamless health monitoring and analysis of soldier using machine learning approach	AICTE, NPIU-TEQIP-III		2019	1,108,000	Govt.
73	Prof. Dandadhar Sarma	Socio-economic upliftment of rural community through integrated farming approach	DBT	4 years	2019	9,859,400	Govt.
74	Dr. Runti Choudhury	Evaluating the potential of deep groundwater as source of arsenic safe water in the upper Brahmaputra valley in Assam	UGC-BSR Research Start-Up Grant	3 years	2020	800000.00	Govt.
75	Dr. Subhash Medhi	To study the prevalence of Resistance associated with PLAGS in HIV	Ministry of Science & Technology Department of Biotechnology NER-BPMC	3 years	2020	18098200.00	Govt.
76	Prof. Ratul Mahanta (PI)	Climate Change and Sustainability of Agricultural Practices and Livelihoods in the Eastern Himalaya: Case Studies in Northeastern Region, India	DST, Govt. of India	3 years	2020	21033668.00	Govt.
77	Dr. Nityananda Deka (Co-PI)	Climate Change and Sustainability of Agricultural Practices and Livelihoods in the Eastern Himalaya: Case Studies in Northeastern Region, India	DST, Govt. of India	3 years	2020	0.00	Govt.
78	Dr. Sanjib Kumar Kalita	Classification of unconstraints Assamese handwritten character	ASTEC	3 years	2020	350000.00	Govt.
79	Mr. Anjan Kumar Talukdar	Development of a Cloud-based Deep Learning Real-Time Sign Language Recognition System for Hearing Impaired People	ASTEC	3 years	2020	149000.00	Govt.
80	Dr. Parismita Sarma	Android-based Real-time Medicinal Plants Identification system found in Karbi Anglong District	ASTEC	3 years	2020	200000.00	Govt.
81	Dr. Vaskar Deka (Co-PI)	IOT-based smart farming	Assam Science and Technology University (ASTU) TEQIP-III	3 years	2020	300000.00	Govt.
82	Mr. Hrishikesh Choudhury	Exploration and Evaluation of Ichthyofaunal Diversity and Assemblage, and Habitat Ecology of Umiam River, Northeast India	ICAR-NBFGR (Collaborative Research Project)	3 years	2020	545000.00	Govt.
83	Dr. Pranjan Barman (PI)	Functional characterization of the regulatory genes involved in Pungency in Capsicum sp.	Ministry of Science & Technology, Department of Biotechnology NER-BPMC	3 years	2020	11044196	Govt.
84	Dr. Bhaben Tanti (Co-PI)	Functional characterization of the regulatory genes involved in Pungency in Capsicum sp.	Ministry of Science & Technology, Department of Biotechnology NER-BPMC	3 years	2020	11044196	Govt.
85	Prof. Bimal K. Kar	International collaborative research project on "Small is beautiful? Rural transformation and production networks of tea smallholdings in Assam, India"	German Research Foundation		2020	0	Non-Govt.
86	Dr. Hemen Dutta	Novel Approximations of Rational Mappings and their relevance in Physical Problems	SERB (MATRICS)	3 years	2020	660000.00	Govt.
87	Prof. Padmini Bhuyan Baruah	Women in AINET: Promoting and sustaining a stronger role for women in ELT Teachers' Associations	Hornby Trust, UK		2020	150000	Non-Govt.
88	Prof. Bhaben Tanti (PI)	Climate change impact assessment of threatened taxa of Eastern Himalaya: Regeneration and conservation strategies	DST	3 years	2020	13,700,000	Govt.

89	Prof. Padmini Bhuyan Baruah	International research project on Meritocracy and language status in India and Malaysia: A comparative study in collaboration with Sunway University, Malaysia & Ambedkar University Delhi as part of the Transnational Research Network, South Asia (Principal Investigator, India GU)	Sunway University, Malaysia	3 years	2021	100000.00	Non-Govt.
90	Prof. Padmini Bhuyan Baruah	International research project on English Language Teachers' reflections on negotiating policies, identity and practice in collaboration with Sunway University, Malaysia, Sanata Dharma University, Yogyakarta, Indonesia, Kathmandu University Nepal, Tribhuvan University Nepal and The English and Foreign Languages University (EFLU), Hyderabad, India as part of the Transnational Research Network, South Asia (Principal Investigator, India GU)	Sunway University, Malaysia	3 years	2021	0.00	Non-Govt.
91	Prof. Manab Deka	An approach for enhancement of Muga silk worm production in ASSAM	State Innovation and Transformation Aayog (SITA)	3 years	2021	16430000.00	Govt.
92	Prof. Anup Saikia	Geospatial Science and Technology	NRDMS programme of Department of Science & Technology Ministry of Science & Technology	21 days Summer/Winter School (level-1)	2021	1000000.00	Govt.
93	Dr. Pranjan Barman (PI)	Mass-multiplication, cultivation, value addition and popularization of <i>Docynia indica</i> among tribal communities of Assam and Meghalaya	Ministry of Science & Technology, Department of Biotechnology NER-BPMC	3 years	2021	6854040.00	Govt.
94	Dr. Manas Das (Co-PI)	Mass-multiplication, cultivation, value addition and popularization of <i>Docynia indica</i> among tribal communities of Assam and Meghalaya	Ministry of Science & Technology, Department of Biotechnology NER-BPMC	3 years	2021	0.00	Govt.
95	Dr. Rupam Jyoti Sarma	Development of organic p-conjugated luminogens with tunable solid state emissions and evaluation of mechano-responsive properties	SERB	3 years	2021	610000	Govt.
96	Dr. Debasish Borbora (PI)	Exploring Nutraceutical Potential of Shiitake ( <i>Lentinula edodes</i> ) and Maitake ( <i>Grifola frondosa</i> ) Mushrooms and Promotion of its Production for Entrepreneurial and Socioeconomic Livelihood in North East India"	Ministry of Science & Technology, Department of Biotechnology NER-BPMC	3 years	2021	17423405.00	Govt.
97	Dr. Mohammad Imtiyaj Khan (Co-PI)	Exploring Nutraceutical Potential of Shiitake ( <i>Lentinula edodes</i> ) and Maitake ( <i>Grifola frondosa</i> ) Mushrooms and Promotion of its Production for Entrepreneurial and Socioeconomic Livelihood in North East India"	Ministry of Science & Technology, Department of Biotechnology NER-BPMC	3 years	2021	0.00	Govt.
98	Dr. Madhurjya Prasad Bora	RESPOND- Grant-in-aid for ISRO-RAC-S, G.U.	ISRO	1 year	2021	3467112.00	Govt.
99	Prof. Prodeep Phukan	UGC-BSR Mid-Career Award Grant	UGC Ministry of Education	3 years	2021	800000.00	Govt.
100	Dr. Niraj Agarwala	UGC-BSR research Start-Up grant	UGC Ministry of Education	2 years	2021	800000.00	Govt.
101	Dr. Arabinda Baruah	Low-cost microfluidic devices for sensing and removal of environmental pollutants	UGC Ministry of Education	2 years	2021	1000000.00	Govt.

102	Dr. Himangshu Prabal Goswami	UGC-BSR research Start-Up grant Non equilibrium Quantum Thermodynamics of driven single molecule junctions	UGC Ministry of Education	2 years	2021	1000000.00	Govt.
103	Dr. Sujoy Bose	Evaluate the role of oxidative stress in HEV related pregnancy complications and outcome : A hospital based study from North- East India	Indian Council of Medical Research (ICMR)	6 months	2021	306900.00	Govt.
104	Dr. Krishna Boro (Co-PI)	Linguistic Documentation of Bodo Language	Bodoland Territorial Council	3 years	2021	600,100	Govt.
105	Dr. Prodeep Phukan	Synthetic strategies based on carbodiimide coupling for biologically significant heterocyclic scaffolds	SERB	3 years	2021	5181264.00	Govt.
106	Dr. Himangshu Prabal Goswami	Optimization of Quantum heat engine prototypes for experimental prognosis using artificial neural networks	SERB	24 months	2021	2453040.00	
107	Dr. Buddhadeb Bhattacharjee	Indian Participation in the ALICE Experiment at CERN	Ministry of Science & Technology	5 years	2021	36250000.00	Govt.
108	Dr. Pranjana Kalita Nath	Review of English in Basic Education in India	The British Council, UK		2021	175000	Non-Govt.
109	Prof. P.K. Saikia	River dolphin population distribution, habitat study with Migratory birds and Ganges River dolphins & its Conservation through community awareness and Community awareness in Brahmaputra Bridge Construction sites	S.P. Singla Construction Pvt. Ltd		2021	22 23392	Non-Govt.
110	Prof. Dandadhar Sarma	Exploration & Characterization of Cavernicole Fish species of Meghalaya	ICAR, GOI	4 years	2021	2500000	Govt.
111	Dr. Hemen Kumar Kalita	Graphene based conductive ink for flexible and wearable printable electronics	ISRO RAC-S GU	2.5 Years	2022	1050000	Govt.
112	Dr. Ranjit Thakuria	Mechanochemical Synthesis of Pharmaceutical Solid Forms to Avoid Degradation of Moisture Sensitive Active Pharmaceutical Ingredients using Combined Crystal Engineering and Computational Approaches	SERB (TARE)	3 years	2022	1,830,000	Govt.
113	Prof. Dandadhar Sarma (PI)	Establishment of rural bio-resource complex through integrated aquaculture practices at Goalpara, the Aspirational district of Assam	DBT	2 years	2022	4,865,250	Govt.
114	Mr. Hrishikesh Choudhury (Co-PI)	Establishment of rural bio-resource complex through integrated aquaculture practices at Goalpara, the Aspirational district of Assam	DBT	2 years	2022	0	Govt.
115	Dr. Simanta Hazarika	Development of a Fluorescence resonance energy transfer based device for in situ detection of heavy metals in ground water	SERB	3 years	2022	2,227,720	Govt.
116	Dr. Manos Pratim Chakrapani Kalita	Development of a Fluorescence resonance energy transfer based device for in situ detection of heavy metals in ground water	SERB	3 years	2022	2,227,720	Govt.
117	Prof. Dandadhar Sarma (PI)	Biotech-Krishi Innovation science application network (Biotech- KISAN) in Udalguri & Dima Hasao district	DBT	2 years	2022	10,961,600	Govt.
118	Dr. Debabrat Baishya (PI)	Integrative approach of enhanced versatility of xylooligosaccharidesnanoformulati ons and its antiproliferative function towards colorectal adenocarcinoma inhibition	AICTE	2 years	2022	2,123,625	Govt.
119	Dr. Debajyoti Mahanta	CRS Project	UGC-DAE CSR	2 years	2022	243,000	Govt.

120	Dr. Sonit Kumar Gogoi	Perovskite-carbon dot composite for long afterglow luminescent materials	UGC-DAE CRS Project	2 years	2022	243,000	Govt.
121	Prof. Shikhar Kumar Sarma (PI)	ISHAAN-A System for Bi-Directional Machine Translation 1.Assamese-Bodo,English-Assamese,Bodo (consortium mode)	MEITY	3 years	2022	4,955,100,000	Govt.
122	Prof. Swarna Prabha Chainary (Co-	ISHAAN-A System for Bi-Directional Machine Translation 1.Assamese-Bodo,English-Assamese,Bodo (consortium mode)	MEITY	3 years	2022	0	Govt.
123	Dr. Parimita Sarma (Co-PI)	Disease Identification of crops using image processing techniques	Assam Science and Technology University (ASTU) TEQIP-III	3 years	2022	272,000	Govt.
124	Prof. Shikhar Kumar Sarma	Development of Assamese Unicode Font Bahi	RUSA	3 months	2022	5,620,000	Govt.
125	Dr. Vaskar Deka	Development of Assamese Unicode Font Bahi	RUSA	3 months	2022		Govt.
126	Dr. Dandadhar Sarma	Adaptive Research on Indigeneous or endemic fish species of the North Eastern region of India : Inputs on threat level and opportunities for protection and management in adapting climate change	GIZ, India (Indo-German Collaboration)		2022	4300000	Non-Govt.
127	Dr. Pallavi Devi	Grant for National Seminar on "Understanding the dynamics and interface of freedom of speech and expression under the Constitution of India."	ICSSR	10th September, 20	2022	70000	Govt.
128	Prof. Prodeep Phukan (Guide)	Metal free Synthesis of Formamidine from N,N Dibromoaryl sulfonamides & Formamides	ASTEC (students' Science Project Scheme)	6 months	2022	10000	Govt.
129	Prof. Prodeep Phukan (Guide)	Transition Metal free Synthesis of Guanidine by a synchronized coupling of Isonitrile,N,N Dibromoaryl sulfonamides & hydrazine	ASTEC (students' Science Project Scheme)	6 months	2022	10000	Govt.
130	Prof. Prodeep Phukan (Guide)	Silver Acetate Catalyzed synthesis of Cyclic Guanidine from Isonitriles & N,N-Dibromoaryl sulfonamides	ASTEC (students' Science Project Scheme)	6 months	2022	10000	Govt.
131	Prof. Kandarpa Kumar Sarma (Guide)	Machine learning & IoT Based Advanced Farming Management System	ASTEC (students' Science Project Scheme)	6 months	2022	10000	Govt.
132	Prof. Kandarpa Kumar Sarma (Guide)	Few shot Continual Learning in Low Labeled data scenario	ASTEC (students' Science Project Scheme)	6 months	2022	10000	Govt.
133	Prof. Kandarpa Kumar Sarma (Guide)	Forest Rescue System	ASTEC (students' Science Project Scheme)	6 months	2022	10000	Govt.
134	Dr. Kumaresh Sarmah	Design and Development of Deep Learning based technique for detection of pneumonia from radiological chest X-Ray images to augment the healthcare services in North East India	ICMR	3 years	2022	2,500,000	Govt.
135	Prof. Sarat Phukan (Co-PI)	Radionuclides in minerals of Assam : An assessment on their uses and related health implications	Assam Science Technology and Environment Council, Govt. of Assam, India	1.5 years	2022	512000	Govt.
136	Dr. Anjan Kumar Talukdar (PI)	Development of a Deep Learning Real-Time Natural Scene Assamese Texts Translation System	Assam Science Technology and Environment Council, Govt. of Assam, India	1.5 years	2022	440000	Govt.
137	Dr. Kandarpa Kumar Sarma (Co-PI)	Development of a Deep Learning Real-Time Natural Scene Assamese Texts Translation System	Assam Science Technology and Environment Council, Govt. of Assam, India	1.5 years	2022	0	Govt.
138	Dr. Kandarpa Kumar Sarma (PI)	Design of a real time, boat load monitoring and safety system	Assam Science Technology and Environment Council, Govt. of Assam, India	1.5 years	2022	350000	Govt.



139	Dr. Manas Pratim Sarma (Co-PI)	Design of a real time, boat load monitoring and safety system	Assam Science Technology and Environment Council, Govt. of Assam, India	1.5 years	2022	0	Govt.
140	Prof. Tulshi Bezboruah	Visvesvaraya PhD scheme for Electronics and IT (Phase-II)	MeitY	5 years	2022	7,261,600	Govt.
141	Prof. Utpal Sarma	SAIF	DST (R &D Infrastructure Division)	1 year	2022	1,900,000	Govt.
142	Dr. Bulbuli Khanikar (PI)	Development of synergistic combination of compounds from synergistic essential oil mixture against <i>Culex quinquefasciatus</i> (Diptera: Culicidae)	Directorate of Research (Veterinary) Assam Agricultural University	2 years	2022	758,300	Govt.
143	Dr. Sofia Banu (Co-PI)	Development of synergistic combination of compounds from synergistic essential oil mixture against <i>Culex quinquefasciatus</i> (Diptera: Culicidae)	Directorate of Research (Veterinary) Assam Agricultural University	2 years	2022	758,300	Govt.
144	Dr. Hemen Deka	Development of earthworms-microbe formulations for management of refinery sludge	Directorate of Research (Veterinary) Assam Agricultural University	2 years	2022	270,000	Govt.
145	Dr. Manas Das	Exploration of the pharmacological potential of <i>Myrica esculenta</i> in the management of inflammation and myocardial infarction	Directorate of Research (Veterinary) Assam Agricultural University	2 years	2022	280,000	Govt.
146	Dr. Nilamoni Nath	Accessing anisotropic NMR data of natural compounds aligned with novel multi-solvent compatible aligning gels	SERB		2022	3707264	Govt.
147	Dr. Diganta Narzary	Technology intervention on traditional rice beer of north east India for commercialization and boost socio-economic development to the region	NEC	3 years	2022	6,678,000	Govt.
148	Prof. Bibha Bharali	Traditional Indian Text	IKS Division, Ministry of Education, Govt. of India @ AICTE, New Delhi		2022	100,000	Govt.
149	Dr. Akoijam Thoibisana	Philosophy and Education : A Study on Indiscipline in Higher Education	Indian Council of Philosophical Research, New Delhi		2022	300000	Govt.
150	Dr. Dhruva Jyoti Kalita	Rational design of some novel organic photovoltaic materials in the context of density functional theory	DST-SERB	3 years	2022	3,591,764	Govt.
151	Prof. Eashankur Saikia (PI)	Water Plant Installation	AICTE	24 months	2022	1,372,000	Govt.
152	Prof. Eashankur Saikia (PI)	Installation of Solar Plant	AICTE	6 months	2022	2,000,000	Govt.
153	Prof. Eashankur Saikia (PI)	Internet Connectivity	AICTE	1 month	2022	490,000	Govt.
154	Dr. Jagadish Sarma	Sanskrit translation of Srimanta Sankardeva's Ankiya Natas: A cognisant heritage of North-east India	Central Sanskrit University, New Delhi	3 years	2022	500,000	Govt.
155	Prof. Prodeep Phukan	PURSE 2022 Program	Ministry of Science & Technology, DST	1 year	2023	130,000,000	Govt.
156	Prof. Utpal Sarma	SAIF Program	Ministry of Science & Technology, DST	1 year	2023	21,100,000	Govt.
157	Dr. Debasish Borbora (PI)	DBT-NER Institutional Hub at Gauhati University, Guwahati, Assam (Phase-II)	Ministry of Science & Technology DST	3 years	2023	3120110	Govt.
158	Dr. Hridip Kumar Sarma (Co-PI)	DBT-NER Institutional Hub at Gauhati University, Guwahati, Assam (Phase-II)	Ministry of Science & Technology DST	3 years	2023	0	Govt.
159	Dr. Shyama Sundar Swargiary (Co-PI)	DBT-NER Institutional Hub at Gauhati University, Guwahati, Assam (Phase-II)	Ministry of Science & Technology DST	3 years	2023	0	Govt.
160	Dr. Hemen Deka	Regenerative agriculture strategies restoring fallow Jhum lands for sustainable livelihood and food production	G.B. Pant National Institute of Himalayan Environment Ministry of Environment, Forest and Climate change, GoI	3 years	2023	1,289,200	Govt.
161	Prof. Sarat Phukan	Litho-structural analysis, Outcrop sequence stratigraphy and identification of potential zones of petroleum seepages in parts of the Naga Schuppen Belt and Inner Fold Belt of Manipur: A Remote Sensing and Field Techniques Approach	OIL INDIA LIMITED, Pipeline Headquarters	2 years	2023	1,452,000	Non-Govt.

162	Dr. Jyotishman Taye	A Climate Change Mitigation and Food Protection in Assam: Indigenous management system of natural resources among tribal and Non-tribal	ICSSR	1 year	2023	500,000	Govt.
163	Dr. Dhriti Mahanta	Dynamics of three-dimensional excitation waves in presence of inert heterogeneities of complex and arbitrary shapes in a reaction diffusion system	DST-SERB	3 years	2023	0	Govt.
164	Dr. Kuladip Sarma	Distribution modelling, habitat occupancy and Conservation prioritization of western hoolock gibbon in Assam-Garo hills landscape, India: an integrated methodological approach towards conservation	SERB	3 years	2023	2,999,111	Govt.
165	Dr. Lachit Dutta	Design of smart hand-held health care system and pandemic compliant infrastructure using internet of things and artificial intelligence	SERB	3 years	2023	2300000	Govt.
166	Dr. Sulochana Deb	Study of Tunnel Magneto Resistance ratio of magnetic Tunneling Junction with Molybdenum Disulfide Tunnel Barrier for Spintronics Device	UGC-DAE CRS Project	1 year	2023	45,000	Govt.
167	Dr. Ranjit Thakuria	Mechanochemical synthesis of agro-cocrystals as slow releasing fertilizer/pesticides for sustainable agriculture	Donation from CRYSTALLOGRAPHY IN INDIA Trust	3 year	2023	1298950	Govt.
168	Prof. Sarat Phukan	Study of sedimentology, lithofacies association, geological mapping of the Mio-Pliocene sedimentary sequence in parts of the Tripura Fold Belt	Oil India Ltd	3year	2023	2,794,000	Non-Govt.
169	Dr. Hemen Dutta	Characterization and stability of multivariate mappings	DAE-NBHM	3 year	2023	1650900	Govt.
170	Dr. Bimal Kumar Sarma	Ferromagnetism and tunable infrared plasmonics of transparent conducting oxide in the metallic regime	UGC-DAE-CSR	3 year	2023	0	Govt.
171	Dr. Malavika Kakati Saikia	Development of Ganges River Dolphin-based Ecotourism in the river Brahmaputra within the Guwahati city limits involving fringe area community, Assam	G B PANT INSTITUTE OF HIMALAYAN ENVIRONMENT UNDER INTEGRATED ECODEVELOPMENT RESEARCH PROGRAMME	3 year	2023	0	Govt.
172	Prof. P. K. Saikia	Development of Ganges River Dolphin Ecotourism in the River Brahmaputra within the Gauhati City Limits involving Fringe area Community Assam	GB PANT, Institute of Himalayan Environment Sponsored Project	3 year	2023	1,078,000	Govt.
173	Arpita Sarkar	A brief report on biodiversity conservation, on farm water management, sustainable agriculture and community awareness for environmental cleanliness in Batakuchi village of district Kamrup, Assam, India	ASTEC, Assam	1 Year	2023	10,000/-	Govt.
174	Banashri Das	Biodiversity Conservation in the reserve forest Garbhanga	ASTEC, Assam	1 Year	2023	10,000/-	Govt.
175	Bhashruti Barman	Self Sustain Agriculture and Soil Health in Kajali Chowki Village, Assam	ASTEC, Assam	1 Year	2023	10,000/-	Govt.
176	Debasish dey	Occupational Shift And Climate Resilient Agricultural Sustainability In Roumari Kamrup District, Assam, India	ASTEC, Assam	1 Year	2023	10,000/-	Govt.

177	Deepam Talukdar	Climate Change Induced Waterlogging Problem and its Impact On Agricultural & Socio-Economic Development in Guakuchi Village, Nalbari District, Assam.	ASTEC, Assam	1 Year	2023	10,000/-	Govt.
178	Dipshagar Kalita	A study on the interplay of Anthropogenic Activity and Climate Change on Socioeconomic dynamics with a focus on waterlogging in nankarbhaira village, Nalbari District	ASTEC, Assam	1 Year	2023	10,000/-	Govt.
179	Kamalina Choudhury	Integrating study on biodiversity climate change parameters and taking drinking water crisis in the village Kurua towards sustainable solution	ASTEC, Assam	1 Year	2023	10,000/-	Govt.
181	Md. Mustafizur Rahman	Climate Change and its Impact on the Rise of Human-Monkey Conflict in Tetelia Village, Kamrup District, Assam	ASTEC, Assam	1 Year	2023	10,000/-	Govt.
182	Nihar Sonowal	Climate Change and its Impact on the Agricultural Development and Productivity in Muktapur Village, Kamrup District, Assam	ASTEC, Assam	1 Year	2023	10,000/-	Govt.
183	Shatabdi Biswas	Change and Sustainability of Agricultural Practices and Livelihoods in the Eastern Himalaya	ASTEC, Assam	1 Year	2023	10,000/-	Govt.
184	Shilajit Parashar Thakur	Changing climate, land use pattern and its impact on the livelihood of the people of the village in around Hajo	ASTEC, Assam	1 Year	2023	10,000/-	Govt.
185	Simantika Chakraborty	Climate Change and Sustainability of Agricultural Practices and Livelihoods in Sonapur Area	ASTEC, Assam	1 Year	2023	10,000/-	Govt.
186	Nibedita Talukdar	A brief report on the changing climate, land use pattern and its impact on the livelihood of the people of the village Sadilapur of district Kamrup, Assam, India	ASTEC, Assam	1 Year	2023	10,000/-	Govt.
187	Prof. A. Bhagawati	Climate Change and Sustainability of Agricultural Practices and Livelihoods in the Eastern Himalaya: Case Studies in Northeastern Region, India	DST, Govt. of India	3 years	2020	21033668.00	Govt.
189	Prof. Bahben Tanti	Characterization of novel photoprotective MAAs and antimicrobial carotenoids from natural pigmented yeasts endemic to northeastern region	DBT	3 years	2018	4,222,996	Govt.
190	Prof. Anup Saikia	Climate change impact assessment of threatened taxa of Eastern Himalaya: Regeneration and conservation strategies	DST	3 years	2020	13,700,000	Govt.
191	Pahi Mahanta	Sustainable Solutions for the drinking water crisis in the Village Dakhin Kurua: integrating Climate Change Analysis and Biodiversity documentation	ASTEC, Assam	1 Year	2023	10,000/-	Govt.
192	Dr. Manas Das	Attempt to develop diagnostics and preventive measure for suspected fish viral diseases encountered in Assam	DBT	3 years	2018	14,323,600	Govt.
193	Prof. Dhruvajyoti Sahariah	Characterization of novel photoprotective MAAs and antimicrobial carotenoids from natural pigmented yeasts endemic to northeastern region	DBT	3 years	2018	4,222,996	Govt.

194	Hrishikesh Choudhury	Socio-economic upliftment of rural community through integrated farming approach	DBT	4 years	2019	9,859,400	Govt
195	Dr. Dhanjit Deka	Geospatial Technology and its Application in Disaster	DST (SERB)	1 year	2022	5,00,000/-	Govt.
196	Dr. Dhanjit Deka	Biodiversity Conservation in the reserve forests of East Kamrup Wildlife Division, Assam	DST (SERB)	1 year	2021	1,50,000/-	Govt.
197	Dr. Dhanjit Deka	Advances in Geoinformatics: Methods, Techniques and application	DST (SERB)	1 year	2021	1,50,000/-	Govt.
198	Dr. Dhanjit Deka	Geospatial Technology and its Application in Disaster	UGC, New Delhi	1 year	2019	2,03,087/-	Govt
199	Dr. Dhanjit Deka	Advances in Geoinformatics: Methods, Techniques and application	Geographical Union, Capetown	1 year	2018	2,03,087/-	Govt
200	Dr. Manas Pratim Nath	Climate change impact assessment of threatened taxa of Eastern Himalaya: Regeneration and conservation strategies	DST	3 years	2020	13,700,000	Govt.
201	Prof. Dandadhar Sarma	Livelihood Business Incubator	MSME, GOI	5 years	2023	1,60,68,000/-	Govt
202	Dr. Uzzal Deka Barua	Climate change impact assessment of threatened taxa of Eastern Himalaya: Regeneration and conservation strategies	DST	3 years	2020	13,700,000	Govt.
203	Prof. D. K. Jha	Characterization of novel photoprotective MAAs and antimicrobial carotenoids from natural pigmented yeasts endemic to northeastern region	DBT	3 years	2018	4,222,996	Govt.