

List of Projects/Schemes Funded by Government and Non-government Agencies

Sl. No.	Name of the Project/Scheme	Name of the Principal Investigator/ Co-Investigator	Funding agency	Department	Year of Award	Funds provided (INR in lakhs/GBP/US Dollar)	Duration of the project	Status (Completed/ Ongoing)
1	Evaluation of Antipyretic effect of <i>Tabernaemontana divaricata</i> Linn. in Albino Rat	PI: Ms. Atryee Rai Basumatary, BUNB College, Kokrajhar. Co-PI: Dr. Jatin Sarmah	UGC	Biotechnology	2014	₹ 4.35	2 Years	Completed
2	Nutritional analysis of edible insects consumed by The Bodo tribe of Assam	Mentor: Dr. Jatin Sarmah PI: Dr. Silistina Narzari	NASI- DST	Biotechnology	2015	₹ 3.25	1 Year	Completed
3	Establishment of Bioinformatics Infrastructure Facility for Biology teaching through Bioinformatics (BIF-BTBI) under the BTISnet	PI: Dr. Jatin Sarmah Co-PI: Ms. Jonali Owary	DBT	Biotechnology	2015	₹ 78.82	5 Years	Completed
4	A study on prevalence of different types of anaemia in adolescents of rural areas of Kokrajhar district of Assam	PI: Dr. Jatin Sarmah Dr. Dipankar Baruah Dr. Paresh Kumar Sarma Dr. Diganta Das-FAAMCH	ICMR	Biotechnology	2016	₹ 12.39	1 Year	Completed
5	Bamboo Plantation and Technology for Diploma Course in Bamboo Technology	Dr. Arvind Kumar Goyal	Department of Agriculture, Bodoland Territorial Council	Biotechnology	2017	₹ 14.18	1 Year	Completed

6	Synthesis of starch based biodegradable functional poly(meth) acrylates by controlled radical polymerization	Dr. Dhruvajyoti Haloi	SERB, GoI	Chemistry	2017	₹ 32.00	3 Years	Completed
7	Liberal Politics and Rethinking Refuge: A Case Study of Banished Rohingya in India	Dr. Jyotiraj Pathak	Indian Council for Social Science Research (ICSSR)	Political Science	2017	₹ 0.60	1 Year 6 Months	Completed
8	A study on the plankton diversity in the rivers of Indo-Bhutan border areas of Kokrajhar district of Assam	PI: Dr. Jatin Sarmah	DBT	Biotechnology	2017	₹ 8.00	2 Years	Completed
9	Microscopic morphology and molecular marker-based studies for ascertaining the phylogeny among bamboos growing in Kokrajhar, BTAD, Assam, India	Dr. Arvind Kumar Goyal	DBT-GOI	Biotechnology	2018	₹ 8.00	1 Year 6 Months	Completed
10	A Genome-guided investigation of Essential Metabolite Biosynthetic Pathways in <i>Bambusa balcooa</i> of Kokrajhar District of BTAD, Assam, India	Dr. Arvind Kumar Goyal	Deptt of Agriculture, BTC, Assam	Biotechnology	2018	₹ 6.44	1 Year	Completed
11	Bodo History Re-Construction	All Faculty of the Department	Education Department, Bodoland Territorial Council	History	2018	₹ 25.00	5 Years	Completed
12	A study of string universes and their significance for describing the dynamics of the universe and its future evolution	Dr. Kangujam Priyokumar Singh	CSIR	Mathematical Sciences	2018	₹ 6.32	3 Years	Completed
13	Survey of Putative Anthelmintic Plants used in Traditional Medicine System in Bodo Tribe of Bodoland Territorial Council and Testing their Efficacy in In-Vitro Systems	Dr. Ananta Swargiary	SERB, GoI	Zoology	2018	₹ 21.35	3 Years	Completed

14	Enumeration of lichen diversity and screening of lichen extracts for potential antimicrobial activity against phytopathogens: A study from Kokrajhar district of Assam	Dr. Rebecca Daimari	DST-SERB	Botany	2019	₹ 29.90	3 Years	Completed
15	Development of Broad localized surface-plasmon enhanced metal-oxide photocatalysts co-doped with plasmonic metals for efficient solar energy utilization	Dr. Anjalu Ramchiary	DST- Science and Engineering Board	Physics	2019	₹ 29.90	3 Years	Completed
16	Improving the Capacity of Health System and Community for Sickle Cell Disease Screening and Management: An Intervention Study in Udalguri district, Assam.	PI: Prof. (Dr.) Jatin Sarmah Co-PIs: Dr. Silistina Narzari Prof. (Dr.) Dipankar Baruah GMCH Prof. (Dr.) Paresh Kumar Sarma-FAAMCH	ICMR- National Task Force	Biotechnology	2019	₹ 127.00	3 Years	Completed
17	Use of Modern Technology in containing the witch Hunting Problem in Assam with special Reference to the BTAD Area	PI: Dr. Rupamjyoti Nath Co Investigator: Prof. Manjit Das	Assam Science and Technology University	Economics	2020	₹ 2.00	1 Year	Completed
18	Management of marine transportation activity in Assam: Linear Programming and Cooperative Game Theory	PI: Dr. Rupamjyoti Nath Co-Investigator: Prof. Manjit Das	Assam Science and Technology University	Economics	2020	₹ 2.00	1 Year	Completed
19	Awareness generation and disease burden estimation on Breast, Uterine, Head & Neck and Lung Cancer in Dima Hasao district, Assam	PI: Prof. (Dr.) Jatin Sarmah Co-PI: Dr. Silistina Narzari Prof. (Dr.) Dipankar Baruah	ASTEC	Biotechnology	2020	₹ 1.00	1 Year	Completed

		GMCH Prof. (Dr.) Paresh Kumar Sarma-FAAMCH						
20	Fund for Improvement of S & T	PIs: Prof. (Dr.) Jatin Sarmah Prof. (Dr.) Sandeep Das Dr. Sharmistha Brahma Kour Ms. Jonali Owary Dr. Arvind Kumar Goyal Dr. Silistina Narzari	DST	Biotechnology	2020	₹ 55.6	5 Years	Completed
21	Professional Assignment to conserve threatened Orchids of Bodoland Territorial Region at Kokrajhar, Assam	Dr. Sanjib Baruah	Wildlife Trust of India	Botany	2021	₹ 2.97	1 Year	Completed
22	Bodoland Education Survey 2021	Pralip Kumar Narzary Birphung Narzary	Bodoland Territorial Council	Geography	2022	₹ 25.00	6 Months	Completed
23	Capacity Building and Economic Upliftment of Frontline Farmers by Integrated Zero waste management approach through interventions on cultivation, processing, and value addition of mushroom DBT-GOI Technology Incubation Centre on Mushroom, Bodoland University, Assam at Chirang, Kokrajhar, Udalguri and Baksa district of Bodoland Territorial Region, Assam	Project Coordinator & PI: Prof. Sandeep Das Co-PIs: Mrs. Jonali Owary Dr. Sharmistha Brahma Kour Dr. Hiranya K Baruah Mrs. Porna Sarmah Dr. Gautam K Bhagawati	DBT-GOI	Biotechnology	2022	₹ 150.00	2 Years	Completed
24	Collective Action in Promoting Rights of Children in the Bodoland Territorial Region	Pralip Kumar Narzary	UNICEF	Geography	2022	₹ 13.80	10 Months	Completed

25	Empowering marginalised women of sixth scheduled areas of Assam through life skill education, Bodoland University	PI: Dr. Zothanchhingi Kھیangte	North Eastern Council	English	2022	₹ 188.2	3 Years	Ongoing
26	A comparative Study on Cognitive abilities between Hydroxyurea treated and untreated Sickle Cell Disease (SCD) children and possible intervention for SCD children in learning through promotion of educational awareness.	PI: Prof. (Dr.) Jatin Sarmah Co-PIs: Dr. Silistina Narzari Dr. Jeemina Baglari Prof. (Dr.) Dipankar Baruah-GMCH Prof. (Dr.) Paresh Kumar Sarma-DMCH Dr. Mythili Hazarika-GMCH	ICMR-Ad-hoc	Biotechnology	2022	₹ 40	1 Year 6 Months	Completed
27	Sickle Cell Disease-related stigma, economic loss and quality of life among tribal population of India-Udalguri district, Assam.	PI: Prof. (Dr.) Jatin Sarmah Co-PIs: Dr. Silistina Narzari Prof. (Dr.) Dipankar Baruah-GMCH Prof. (Dr.) Paresh Kumar Sarma-DMCH	ICMR- National Task Force	Biotechnology	2022	₹ 85.20	3 Years	Ongoing
28	Biotech-Krishi Innovation Science Application Network for upliftment of cultivation of basic mushroom, value added mushroom products and spawn production for rural entrepreneurs of Kokrajhar, Chirang, Baska and Udalguri Districts of Assam for livelihood generation	Project Coordinator & PI: Prof. Sandeep Das Co-PIs: Dr. Manoj K Bhuyan Dr. Chandan Deka Dr. Hiranya K Baruah Mrs. Porna Sarmah Dr. Utpal Jyoti Sarma Mrs. Himadri Rabha	Government of India Ministry of Science & Technology, Department of Biotechnology	Biotechnology	2022	₹ 150.0	2 Years	Completed

		Mr. Sunil K Bhattacharya						
29	Community Training Centre on Mushroom farming for livelihood and entrepreneurial development in the 6th Schedule areas of BTR (Assam) and adjoining areas	Prof. Sandeep Das	Government of India, Ministry of Development of North Eastern region	Biotechnology	2022	₹ 499.0	2 Years	Completed
30	Exploring tourism potential with indigenous ornamental fish, siliconized aquarium and fish food formulation from mushroom in BTR	Prof. Sandeep Das	Bodoland Territorial Council, Tourism Department	Biotechnology	2022	₹ 18.0	1 Year	Completed
31	Minor Research project on "Bamboo Based Entrepreneurship Development in Hill Districts of Assam: Problems and Prospects	PI: Prof. Ayekpam Ibemcha Chanu	Indian Council of Social Science Research	Commerce	2022	₹ 1.1	1 Year	Completed
32	"A Socio-Economic Survey under Ultapani Range of Haltugaon Division, Kokrajhar, BTR, Assam"	PI: Dr. Jhanin Mushahary Co. PI: Dr.Sudev Ch. Basumatary Members: Prof. Sanghamitra Choudhury Dr. Jutirani Devi Solomon Islary Dr.Gayotri Dekadoloi Junmani Basumatary Indira Basumatary	Govt. of BTR	Political Science History	2022	₹ 24.2	1 Year	Completed

33	A Study on the Livelihood of the Bodos (Meche) in Nepal and the Bodo of Bodoland Territorial Region (BTR), Assam, India	PI: Dr. Jhanin Mushahary	Govt. of BTR	Political Science	2022	₹ 8.8	1 Year	Completed
34	Strategic Networks and Computing Going Global Partnership Collaboration under (In Collaboration with Queens' British Council, U.K. University, Belfast, Dibrugarh University and Tezpur University, Assam	Dr. Manjit Das	British Council, New Delhi	Economics	2022	80,000 GBP	1 Year	Completed
35	Scalable Indigenous and Driver-Friendly Ride Hailing Application	PI: Dr. Sijousa Basumatary Co-PI: Dr. Rohit Tripathi	IIT, Bhillai (TIH)	Economics	2023	₹ 28.0	2 years	Ongoing
36	Leveraging AI/ML for Customized Credit Assessment of the Bodo Tribe in the Bodoland Territorial Region. Tribal Area Sub plan (TSP) scheme of IBITF	PIs: Mr. Deepak Hajoary Mr. Raju Narzary Co-PIs: Dr. Sudip Biswas Dr. Aparajita Dutta	IBITF	Management Studies Computer Science and Technology	2023	₹ 16.5	2 years	Ongoing
37	Comprehensive Study of Megaliths of West Karbi Anglong District, Assam	Dr. Nilkamal Singha	Indian Council of Historical Research, ICHR, New Delhi	History	2023	₹ 3.0	2 years	Ongoing
38	Role of Bodo Freedom Fighters of Assam during National Movement in India	Dr. Sudev Chandra Basumatary	ICSSR	History	2023	₹ 8.0	2 years	Ongoing

39	Production of nanocarbon fertiliser from biomass for sustainable agriculture	Dr. Hemen Sarma	DST-SERB	Botany	2023	₹ 26.5	3 years	Ongoing
40	Design and develop of AI-based Application for Medicinal Plants consumed by the Bodo Community residing in BTR Assam used in daily basis	PI: Mr. Rinku Basumatary Co-PIs: Mr. Raju Narzary Mr. Ajit Das Mr. Hem Ch Das Mr. Ashok Kr Brahma Mr. Deepak Hajoary	IBITF IIT Bhillai Innovation and Technology Foundation	Computer Science and Technology Management Studies	2023	₹ 20.9	2 years	Ongoing
41	Workshop on Bioinformatics for Post Graduates, Researchers and Faculties	PI: Prof. (Dr.) Jatin Sarmah Co-PI: Dr. Silistina Narzari	DBT,GoI	Biotechnology	2023	₹ 20.0	2 Years	Ongoing
42	DBT-NER Advance level Institutional Biotech Hub at Arya Vidyapeeth College, Guwahati	PI: Dr. Jinu Lagasu, AVC Co-PIs: Prof. (Dr.) Jatin Sarmah Prof. (Dr.) Sanjay Basumatary Dr. Anindita Deka, AVC Dr. Ajay Das, AVC Dr. Chintu Ronghangpi, AVC Prof. (Dr.) Jogen Chandra Kalita, GU	DBT,GoI	Biotechnology Chemistry	2023	₹ 58.67	3 Years	Ongoing

43	Evidence Based Guidelines on the Use of Stem Cell Therapy	<p>PI: Dr. Phulen Sarma, AIIMS, Ghy</p> <p>Co-PIs: Prof. (Dr.) Jatin Sarmah Dr. Anusuya Bhattacharyya- AIIMS, Ghy Dr. Kashif Ahmed- AIIMS, Ghy Dr. Richard Kirubakaran- AIIMS, Ghy Prof. (Dr.) Ashok Puranik- AIIMS, Ghy</p>	ICMR- Delhi	Biotechnology	2023	₹ 7.09	3 Months	Completed
44	Assessment of Spatial and Seasonal Variations in the Child-rearing Practices of Boro Tribal Mothers of Bodoland Territorial Region of Assam	Prof. Pralip Kumar Narzary	ICSSR	Geography	2023	₹ 12.0	2 Years	Ongoing
45	DBT- NER Advance Level Institutional Biotech Hubs at Bodoland University, Kokrajhar, Assam	<p>Investigator: Prof. Sandeep Das</p> <p>Co-PIs: Mrs. Jonali Owary Dr. Sharmistha Brahma Kour Dr. Sanjay Basumatary Dr. Rebecca Daimari</p>	Government of India, Ministry of Science & Technology, Department of Biotechnology (NER-Programme)	Biotechnology Chemistry Botany	2023	₹ 57.8	3 Years	Ongoing
46	Bodo Costume, Design and Traditional Knowledge	<p>Project Director: Dr. Indira Boro</p> <p>Co-Project Director: Dr. Raje Brahma</p>	ICSSR	Bodo	2023	₹ 10.0	2	Ongoing

47	Continuity and Change of Bwisagu Festival	Project Director: Dr. Rupashree Hazowary	ICSSR	Bodo	2023	₹ 2.0	1 Year	Completed
48	Synthesis of HfO2 Doped with s/p Block Element Using Hydrothermal Process for potential piezoelectric applications (Empowerment and Equity Opportunities for Excellence in Science)	Dr. Rajeeb Brahma	Anusandhan National Research Foundation (ANRF) (formerly SERB-DST)	Physics	2024	₹ 28.8	3 Years	Ongoing
49	Photoactive 2D material embedded metal-oxide heterojunction for potential solar light-driven photoelectrochemical water splitting (Empowerment and Equity Opportunities for Excellence in Science)	Dr. Anjalu Ramchiary	Anusandhan National Research Foundation (ANRF) (formerly SERB-DST)	Physics	2024	₹ 36.9	3 Years	Ongoing
50	Identity and Conflict in Assam Comprehending everyday Co-existence and Peacemaking in Literature from Assam	Dr. Debajyoti Biswas	ICSSR Research Projects	English	2024	₹ 15.0	2 Years	Ongoing
51	Voices from the Margins: A Study of Bodo Women's Poetry	PIs: Dr. Zothanchhingi Khiangte Dr. Manab Medhi	Bodoland University	English	2024	₹ 1.2	1 Year 6 Months	Ongoing
52	Equitable, Quality Universal health coverage Implementation research Project for optimizing comprehensive primary health care through Health and Wellness Centres (EQUIP-HWCs)- Udalguri District, Assam	PI: Prof. (Dr.) Jatin Sarma Co-PIs: Dr. Silistina Narzari Prof. (Dr.) Dipankar Baruah-GMCH Prof. (Dr.) Paresh Kumar Sarma-DMCH	Gates Foundation USA	Biotechnology	2024	871,518.00 US Dollar	3 Years	Ongoing
53	Green Energy Powered Analytical	PI: Prof. Sandeep Das	CER Bongaigaon	Biotechnology	2025	₹ 481.6	-	Ongoing

	Equipment for Quality Assurance and Marketing of divers Mushroom and Value added mushroom product at Bodoland University	Co-PIs: Dr. Dulur Brahma Dr. Sharmistha Brahma Kour Ms. Jonali Owary Dr. Silistina Narzari Dr. Hemaprabha Saikia Dr. Sanjib Baruah	Refinery IOCL	Chemistry Botany				
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