

SI No.	Registration No.	Title of the Project	Name of the PI	Government/ Non Government	Department	amount in lakh	Funding Agency	Duration	Year of award	Status
1	DoRD/MBBT/BKK/20-40	Bioinformatics Infrastructure Facility	Head, Dept. of MBBT	Government	MBBT	20	DBT	5 years	2006	Ongoing
2	DoRD/EFL/MB/20-134	Indian Languages Corpora Initiative (Phase-2) ¹	Prof. M. Barbora	Government	EFL	61.53	DIT	30 months	2012	Ongoing
3	DoRD/MBBT/SKR/20-138	Characterization of a potential auto transporter adhesion function of <i>Ralstonia solanacearum</i> , the causal agent of bacterial wilt in plants	Dr. Suvendra Kr. Ray	Government	MBBT	35.66	DBT	3 Years	2012	Ongoing
4	DoRD/Env.Sc./KKB/20-142	Soil-plant atmosphere study in relation to net CO ₂ flux from terrestrial ecosystem of Assam	Prof. K.K. Baruah	Government	Environmental Science	54.89	MoES (IITM)	3 Years	2012	Ongoing
5	DoRD/EFL/MB/20-145	Digital Language Preservation	Prof. M. Barbora	Government	EFL	39.16	DIT	3 Years	2013	Ongoing
6	DoRD/Chem.Sc./RCD/20-160	Computational studies of bare and zeolite-supported metal nanoclusters and their application in catalysis	Prof. R.C. Deka	Government	Chemical Sciences	52.93	DST	3 Years	2013	Ongoing
7	DoRD/Phy/NSB/20-165	Microwave Technology based Tea Processing Systems for NE States	Prof. N.S. Bhattacharyya	Government	Physics	14.84	SAMEER	2 years	2013	Ongoing
8	DoRD/Energy/DCB/20-169	Rural Hybrid Energy Enterprise Systems (RHEES)	Prof. D.C. Baruah	Government	Energy	198.14	DST Indo-UK	3 years	2013	Ongoing
9	DoRD/MBBT/SKR/20-172	Sequencing genomes of some bacteria that invade/resides in tomato plant	Dr. Suvendra Kr. Ray	Government	MBBT	127.63	DBT	3 years	2013	Ongoing
10	DoRD/Env.Sc./AKD/20-180	Hydro-geomorphic characterization of Manas-Aie and Gaurang river basins- A baseline study of Geomorphic response to observed precipitation change over Indian region	Dr. Apurba Kr. Das	Government	Environmental Science	24.6	DST-SERB	3 Years	2013	Ongoing
11	DoRD/MBBT/SKR/20-184	Studying the role of rpoN, the alternative sigma factor in the pathogenicity of <i>R. Solanacearum</i> , the causal agent of bacterial with in plants	Dr. S.K. Ray	Government	MBBT	44.17	CEFIPRA (Indo-French)	3 years	2013	Ongoing

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12	DoRD/Phy/NSB/20-205	Studies of ferromagnetic resonance in spinel ferrite & garnets for high power circulators'	Prof. N.S. Bhattacharyya	Government	Physics	32.37	DAE-BRNS	3 years	2014	Ongoing
13	DoRD/Chem.Sc./SKD/20-208	Asymmetric Syntheses of New Classes of Unnatural α -Amino Acid Derivatives	Dr. Sajal K. Das	Government	Chemical Sciences	24.8	DST-SERB	3 years	2014	Ongoing
14	DoRD/MBBT/NDN/20-217	Molecular Epidemiology of Group A rotavirus (RVA) Infections in the North-eastern region (NER)	Dr. Nima D. Namsa	Government	MBBT	75.18	DBT	3 Years	2014	Ongoing
15	DoRD/MBBT/SKR/20-221	Protein Folding Kinetics is a Selection Force on Shaping Codon Usage Bias in the High Expression Genes	Dr. S.K. Ray	Government	MBBT	24.72	DBT	3 years	2014	Ongoing
16	DoRD/MBBT/NDN/20-232	Molecular Cloning Expression and Functional Characterization of Desulfurization Enzymes (Dsz A,B & C) of Newly Identified Bacterium <i>Paenibacillus</i> sp. From Crude Oil Contaminated soil of North-East India, Assam	Dr. Nima D. Namsa	Government	MBBT	11	CSIR	3 Years	2014	Ongoing
17	DoRD/MBBT/NDN/20-241	Estimation of diversity of endophytes in subtropical forest of Arunachal Pradesh and creation of a genetic resource	Dr. Nima D Namsa	Government	MBBT	12.4	DBT	3 Years	2015	Ongoing
18	DoRD/CSCWS/MG/20-243	Women and Trafficking: A Study of the Border Areas of Sonitpur District of Assam	Dr. Madhurima Goswami	Government	CSCWS	15	ICSSR	2 Years	2015	Ongoing
19	DoRD/Chem.Sc./PB/20-247	Principles of formation of nanostructured oxide materials and nanosized catalysts on their basis for hydrogen power production applications	Dr. Pankaj Bharali	Government	Chemical Sciences	24.61	DST (Indo-Russian)	2 years	2015	Ongoing
20	DoRD/MBBT/UGC-SAP-II/20-251	UGC-SAP (DRS-II)	Prof. Sashi Baruah	Government	MBBT	80.25	UGC	5 Years	2015	ongoing

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21	DoRD/MBBT/SD/20-253	Role of fetuin-A gene and protein expression in obesity induced impairment of 3 years adipogenesis and stimulation of adipose tissue inflammation implementing insulin resistance and type 2 diabetes	Dr. Suman Dasgupta	Government	MBBT	14.02	UGC	3 Years	2015	Ongoing
22	DoRD/MBBT/SD/20-254	To investigate the role of toll-like receptor 4 (TLR4) in lipid induced impairment of adipogenesis and adipose tissue function implementing insulin resistance	Dr. Suman Dasgupta	Government	MBBT	42.3	DBT	3 Years	2015	Ongoing
23	DoRD/Chem.Sc./BCS/20-256	Control Polymorph Nucleation of Drugs on Functionalized Surfaces	Dr. Bipul Chandra Sarma	Government	Chemical Sciences	26.26	DST-SERB	3 Years	2015	Ongoing
24	DoRD/EFL/UGC-SAP-II/20-257	UGC-SAP (DRS-II)	Prof. P.K. Das	Government	EFL	98	UGC	5 Years	2015	Ongoing
25	DoRD/MBBT/SD/20-258	Exploring the effects of peroxisome proliferators-activated receptor beta/delta activation in lipid induced adipocyte inflammation and insulin resistance	Dr. Suman Dasgupta	Government	MBBT	25.2	SERB-DST	3 years	2015	Ongoing
26	DoRD/MBBT/RM/20-259	Exploring gene expression differences between atherosclerotic and non atherosclerotic coronary and peripheral arteries within a patient to enable discovery of novel targets that mediate development of localized atherosclerotic plaques	Dr. R. Mukhopadhyay	Government	MBBT	25.94	SERB	3 Years	2015	Ongoing
27	DoRD/Phy/SKD/20-260	High performance ultracapacitors with graphene-based composite electrodes	Dr. Shyamal Kumar Das	Government	Physics	28.37	SERB-DST	3 years	2015	Ongoing

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28	DoRD/CSE/NS/20-262	Implementation of Distributed Honeynet system at NE to collect distribute and analyse live cyber-attack data	Prof. Nityananda Sarma	Government	CSE	72.76	C-DAC	3 years	2015	Ongoing
29	DoRD/CSE/DKB/20-264	Information Security Education and Awareness (ISEA) Project Phase-II	Prof. D.K. Bhattacharyya	Government	CSE	36.06	DeitY	5 years	2015	Ongoing
30	DoRD/FET/LSB/20-265	Development of active packaging film from various food wastes for the application on food products	Dr. Laxmikant Shivnath Badwaik	Government	FET	31	ICAR	2 years	2016	Ongoing
31	DoRD/MBBT/AMR/20-266	Studies on Exosomal lipidomics and Micro RNAs and their clinical utility in the management of metastatic and multiple drug resistant breast cancer	Dr. A.M. Ramteke	Government	MBBT	54.03	DST-SERB	4 years	2016	Ongoing
32	DoRD/Phy/UGC-SAP II/20-268	UGC-SAP (DRS-II)	Prof. A. Kumar	Government	Physics	89.5	UGC	5 Years	2016	Ongoing
33	DoRD/Sociology/UGC-SAP I/20-269	UGC-SAP	Prof. C.K. Sharma	Government	Sociology	40	UGC	5 Years	2016	Ongoing
34	DoRD/MBBT/SD/20-270	Identification of exercise induced myokine(s) and its role on white to brown/beige adipocyte conversion and suppression of obesity induced adipose tissue inflammation and insulin resistance	Dr. Suman Dasgupta	Government	MBBT	116.59	DBT	3 years	2016	Ongoing
35	DoRD/Phy/NSB/20-273	Design and realization of light weight shields to reduce electromagnetic interference (EMI) at microwave ranges (C and X band) with different geometries for customized applications like anechoic chamber, as terminations and stealth for strategic device camouflaging	Prof. N.S. Bhattacharyya	Government	Physics	216.04	DeitY	3 years	2016	Ongoing

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36	DoRD/Chem.Sc./PP/20-274	Identification of efficient semiconductor dopant combinations for selective chemi-adsorption of tea pesticides on metal oxide semiconductor (MOS) sensor	Dr. P. Puzari	Government	Chemical Sciences	34.01	NTRF	4 years	2016	Ongoing
37	DoRD/Env.Sc./UGC-SAP-I/20-277	UGC-SAP	Prof. K.P. Sarma	Government	Environmental Science	135	UGC	5 years	2016	Ongoing
38	DoRD/MBBT/AMR/20-279	Studies on Exosomal proteome and lipidome and their clinical implication in the management of drug resistant and recurrent head and neck squamous cell carcinomas (HNSCC)	Dr. A.M. Ramteke	Government	MBBT	20.86	ICMR	3 Year	2016	Ongoing
39	DoRD/Energy/BKK/20-282	One-pot synthesis of Nitrogen and Sulphur co-doped 'biomass derived graphene' based cathode catalyst for Polymer Electrolyte Fuel Cells	Dr. Biraj Kr. Kakati	Government	Energy	34.96	DST-SERB	3 years	2016	Ongoing
40	DoRD/Env.Sc./AD/20-283	Exploration of Biodiversity and Conservation issues of Talley Valley Wildlife Sanctuary, Arunachal Pradesh with reference to wildlife species distribution along climate and topographical gradients	Dr. Ashalata Devi	Government	Environmental Science	40.81	MoEF&CC	3 Years	2016	Ongoing
41	DoRD/Energy/DD/20-284	Integrated Biorefinery Approach Towards Production of Sustainable Fuel and Chemicals from Algal Biobased Systems	Prof. D. Deka	Government	Energy	100.41	DBT-Joint Indo Brazil	4 years	2016	Ongoing
42	DoRD/Phy/NKF/20-287	Neutrino Mass Ordering, Leptonic CP Violation and Matter-Antimatter Asymmetry	Dr. Ng. K. Francis	Government	Physics	6.17	DST-SERB	3 Years	2016	Ongoing

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43	DoRD/Chem.Sc./TKM/20-289	Green nanocomposite from fully renewable bio polymers: modified vegetable oil reinforced with rosin acid and keratin	Prof. T.K. Maji	Government	Chemical Sciences	23.42	DST-SERB	3 Years	2016	Ongoing
44	DoRD/CSE/SSS/20-295	Integrating Genome scale metabolic analysis of model plant pathogen <i>Ralstonia solanacearum</i> with RNAseq and fluxomics	Dr. S. S. Satapathy	Government	CSE	30.78	DBT	3 Years	2016	Ongoing
45	DoRD/Energy/DCB/20-309	Enhancing Food Security in Rural India	Prof. D.C. Baruah	Government	Energy	3	BBSRC (University of Nottingham, UK)	1 Year	2017	Ongoing
46	DoRD/Energy/DD/20-310	Biochemical and Biofuels from lignocellulosic biomass by Green catalytic	Prof. D. Deka	Government	Energy	34.42	DST (Indo-Hungary)	3 Years	2016	Ongoing
47	DoRD/MBBT/SB/20-312	Polymorphisms of Toll like and Nod like receptors and their role in inflammasome activation in Head and Neck Squamous Cell Carcinoma	Prof. Sashi Baruah	Government	MBBT	38.75	ICMR	3 Years	2017	Ongoing
48	DoRD/Chem.Sc./RCD/20-315	Studies on structure & dynamics of antisense molecules: Capability Building for advanced research	Prof. R.C. Deka	Government	Chemical Sciences	61.95	DBT	3 Years	2017	Ongoing
49	DoRD/Chem.Sc./RCD/20-316	Continuous Flow reaction- An Attempt to Miniaturization of some pharmaceutical processes	Prof. R.C. Deka	Government	Chemical Sciences	47.4	DST-SERB	3 Years	2017	Ongoing
50	DoRD/MBBT/ANJ/20-317	Bipphysical Characterization of adenylosuccinatelyase-a potential drug target from <i>Leishmania donovani</i> -a computational and molecular approach	Dr. Anupam Nath Jha	Government	MBBT	41.8	DBT	3 Years	2017	Ongoing

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51	DoRD/Chem.Sc./PP/20-320	Electrochemical study of enzyme imbedded supported bilayer lipid membranes to develop a sensor for organophosphate and organocarbamate pesticides	Dr. P. Puzari	Government	Chemical Sciences	64.97	DST-SERB	3 Years	2017	Ongoing
52	DoRD/Energy/DD/20-322	One time grant for up-gradation of Lab & Library facilities to Tezpur University, Napaam Tezpur, Assam in the field of New and Renewable Energy	Prof. D. Deka	Government	Energy	50	MNRE	5 year	2017	Ongoing
53	DoRD/Phy/PN/20-323	Smartphone based instrumentation for water quality monitoring with reference to resource poor regions	Dr. Pabitra Nath	Government	Physics	15	BIRAC-SRISTI (DBT)	2 Years	2017	Ongoing
54	DoRD/MBBT/MM/20-325	Studies on antimicrobial and anti-biofilm activities of medicinal plant extracts obtained from North Eastern India against pathogenic bacteria isolated from pigs, cattle and poultry of NER India; and cattle, poultry and ducks of West Bengal	Prof. Manabendra Mandal	Government	MBBT	52.97	DBT	3 years	2017	Ongoing
55	DoRD/Chem.Sc./SKD/20-331	Asymmetric total Synthesis of Marine natural products Ammonifcins A-D and their analogs	Dr. Sajal K. Das	Government	Chemical Sciences	23.63	CSIR	3 Years	2017	Ongoing
56	DoRD/Chem.Sc./AKP/20-332	Computational Design of Functional and Structural Mimics of the Active Site of (FeFe)-HYDROGENASE	Prof. Ashwini K. Phukan	Government	Chemical Sciences	4.53	CSIR	3 Years	2017	Ongoing
57	DoRD/Phy/RG/20-333	A multiwavelength study of active galactic nuclei and X-ray sources	Dr.(Ms.) Rupjyoti Gogoi	Government	Physics	16.74	CSIR	3 Years	2017	Ongoing
58	DoRD/Chem.Sc./RKD/20-337	The Science and Technology of Manuscript writing-aids and Folk paintings in Medieval Assam	Prof. R.K. Dutta	Government	Chemical Sciences	5.01	INSA	2 Years	2017	Ongoing

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59	DoRD/Chem.Sc./RB/20-338	Synthesis, characterization and investigation of physicochemical properties of specific ionic liquid (IL) based systems for evaluation of electrochemical and photocatalytic activities	Prof. Ruli Borah	Government	Chemical Sciences	44.32	DST-SERB	3 Years	2017	Ongoing
60	DoRD/Chem.Sc./RCD/20-339	Profiles in History of Science from North East India – A Delineation of One Scientist and Two Medical Institutions of the Region that Trace their Origins back to the 19 th Century	Prof. R.C. Deka	Government	Chemical Sciences	1	INSA	2 Years	2017	Ongoing
61	DoRD/Chem.Sc./SP/20-341	Design and synthesis of donor-acceptor fragmented chemical libraries for development of new class antibiotic against MRSA	Dr. Sanjay Pratihari	Government	Chemical Sciences	48.75	DBT	3 Years	2017	Ongoing
62	DoRD/CE/KUA/20-342	Development of Eutrophication Model for rural water bodies of Assam, India	Dr. Kamal Uddin Ahamad	Government	Civil Engineering	24.26	DST-SERB	3 Years	2017	Ongoing
63	DoRD/Energy/NS/20-345	India-UK Centre for education and research in clean energy (IUCERCE)	Dr. Nabin Sarmah	Government	Energy	74.56	DST (Indo-UK)	4 Years	2017	Ongoing
64	DoRD/Chem.Sc./NSI/20-346	Development of Polymer Supported Niobium and Tantalum Based catalysts for Organic Oxidations under Ecologically Sustainable Reaction Conditions	Prof. N.S. Islam	Government	Chemical Sciences	45.17	DST-SERB	3 Years	2017	Ongoing
65	DoRD/Phy/NSB/20-353	Miniaturized flexible planar antennas for body worn applications as health monitoring systems in L and S band using nano magneto-dielectric composite as substrate	Prof. N.S. Bhattacharyya	Government	Physics	86.96	DST	3 Years	2017	Ongoing
66	DoRD/Chem.Sc./SP/20-356	Ruthenium, Nickel and Palladium based Homogeneous Catalysts for Ethanol to Butanol conversion	Dr. Sanjay Pratihari	Government	Chemical Sciences	15	INSA	3 Years	2017	Ongoing

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67	DoRD/MBBT/RD/20-361	Isolation, identification and characterization of maker proteins from the Venom of Naja Kaouthia and Bungarus fasciatus of North East India for development of rapid diagnostic tool for identification of snakebite in North East India	Dr. Robin Doley	Government	MBBT	39.62	ICMR	3 Years	2018	Ongoing
68	DoRD/MBBT/PB/20-364	Integrative approach for understanding the role of noncoding mutations in the evolution of biological systems	Dr. Pankaj Barah	Government	MBBT	88	DBT	5 years	2018	Ongoing
69	DoRD/Phy/AJC/20-366	Development of mulberry and non-mulberry silk of Assam as potential biomaterials for healthcare and bioengineering applications by using atmospheric dielectric barrier discharge (A-DBD) plasma	Dr. Gazi Ameen Ahmed (Dr. Arup Jyoti Choudhury, Co-PI)	Government	Physics	70.18	DST-SERB	3 years	2018	Ongoing
70	DoRD/FET/SCD/20-367	Valorization of Culinary Banana Flower: Waste to value addition using green technologies	Prof. S.C. Deka	Government	FET	2	ASTEC	2 years	2018	Ongoing
71	DoRD/MBBT/AMR/20-368	Development of synthetic derivatives of natural compound, Noscapine as tubulin binding chemotherapeutic agent and evaluation of its synergistic effect with Taxotere for management of human breast cancer	Prof. A.M Ramteke	Government	MBBT	42.3	DBT	3 years	2018	Ongoing
72	DoRD/Chem.Sc./GS/20-370	Synthesis of mixed-ligand peroxo complexes of vanadium and tantalum and exploration of their biochemical properties	Ms. Gangutri Saikia	Government	Chemical Sciences	15.95	DST	2 years	2018	Ongoing
73	DoRD/EFL/HM/20-371	Women and making of the public sphere in Contemporary Assam: An oral history digital archive	Dr. Hemjyoti Medhi	Government	EFL	10	ICSSR	2 years	2018	Ongoing

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74	DoRD/Math.Sc./UGC-SAP-II/20-372	UGC-SAP (DRS-II)	Dr. Bhim P. Sarmah	Government	Mathematical Sciences	79.75	UGC	5 years	2018	Ongoing
75	DoRD/Cul.St./UGC-SAP-II/20-374	UGC-SAP (DRS-II)	Prof. Debarshi Prasad Nath	Government	Cultural Studies	76	UGC	5 years	2018	Ongoing
76	DoRD/Phy/DM/20-375	Evaluation of rheological and visible emission responses of nano-WS2/C-dot as additives	Dr. D. Mohanta	Government	Physics	10.33	CSIR	3 years	2018	Ongoing
77	DoRD/FET/PM/20-376	Development of enzyme based biosensors through sol-gel techniques for dibittering of grape fruit and mosumbi juice	Dr. Poonam Mishra	Government	FET	26.61	DST-SERB	2 years	2018	Ongoing
78	DoRD/Phy/RG/20-378	Study of the Abundance and Characteristics of Interstellar Dust	Dr. Rupjyoti Gogoi	Government	Physics	19.65	DST-SERB	3 years	2018	Ongoing
79	DoRD/MBBT/AKM/20-379	Development of functionalized nanoparticles-based novel diagnostic kit for the detection of Species-specific snake envenomation	Prof. A.K. Mukherjee	Government	MBBT	27	DBT	3 years	2018	Ongoing
80	DoRD/ECE/BM/20-381	Study for label free optical detection of snake venom protein using Surface Plasmon Resonance technique	Dr. Biplob Mandal	Government	ECE	47.52	DST-SERB	3 years	2018	Ongoing
81	DoRD/MBBT/SD/20-382	Understanding the role of adipose tissue remodeling in exercise induced insulin sensitivity	Dr. Suman Dasgupta	Government	MBBT	44.79	DBT	3 years	2018	Ongoing
82	DoRD/MBBT/RD/20-383	Aptamer based rapid test to differentiate venomous snake bites from non-venomous and dry snake bites	Dr. Robin Doley	Government	MBBT	12.25	BIRAC-PACE	18 Months	2018	Ongoing
83	DoRD/Chem.Sc./SKD/20-384	Design and synthesis of Hybrid Molecules for Multi-Drug-Resistant Tuberculosis	Dr. Sajal K. Das	Government	Chemical Sciences	31.29	DBT	3 Years	2018	Ongoing

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84	DoRD/MBBT/PB/20-385	Integrative systems biology approach to identify the molecular response signatures in Rice during concurrent biotic (Rhizoctonia solani) and abiotic (heat) stresses	Dr. Pankaj Barah	Government	MBBT	56.29	DBT	3 Years	2018	Ongoing
85	DoRD/FET/BS/20-386	Electric Field Based Novel Technologies for Pilot Scale Processing of Juice and Pulp from Potential Fruits of NE Region	Dr. Brijesh Srivastava	Government	FET	19.83	ICAR	3 years	2018	Ongoing
86	DoRD/BA/UGC-SAP-II/20-387	UGC-SAP (DRS-II)	Prof. Chandan Goswami	Government	Business Administration	39.1	UGC	5 years	2018	Ongoing
87	DoRD/Chem.Sc./RCD/20-388	Theoretical investigation of Methane Oxidation Catalyzed by Metal Nanoclusters Supported on Zeolites	Prof. Ramesh C. Deka	Government	Chemical Sciences	52.01	DST	3 years	2018	Ongoing
88	DoRD/FET/PM/20-389	Usability of smartphone to evaluate the efficiency of polyaniline based sensor for indication of freshness of fish fillet during chemical spoilage	Dr. Poonam Mishra	Government	FET	22.53	DRDO	3 years	2018	Ongoing
89	DoRD/Phy/MKD/20-392	Neutrino Mass, Lepton Number Violation, Baryogenesis, Dark Matter and related Cosmology within beyond Standard Model frameworks	Dr. Mrinal Kr. Das	Government	Physics	21.96	DST-SERB	3 years	2018	Ongoing
90	DoRD/MBBT/RD/20-394	Search for novel anti-platelet and anti-thrombin peptides from Indian viper venom (Daboia russelii): Purification, characterization and evaluation of its anti-thrombotic potential	Dr. Robin Doley	Government	MBBT	43.79	DBT	3 years	2018	Ongoing
91	DoRD/Phy/JKS/20-397	Studies on parton recombination and related nonlinear equations	Prof. J.K. Sarma	Government	Physics	2.7	CSIR	3 years	2018	Ongoing

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92	DoRD/Phy/PKK/20-398	Stability analysis of astrophysical complex plasmas	Dr. P.K. Karmakar	Government	Physics	16.93	DST-SERB	3 Years	2018	Ongoing
93	DoRD/FET/CLM/20-400	Evaluation of tree tomatoes (tamarillo) of Nagaland utilizing the pulp, peel and seeds for its commercialization	Prof. C.L. Mahanta	Government	FET	33.03	MoFPI	2 years	2018	Ongoing
94	DoRD/Chem.Sc./PB/20-402	Directed functionalization of oxide and carbon nanomaterials for the development of efficient catalysts for carbon dioxide conversion into value-added products	Dr. Pankaj Bharali	Government	Chemical Sciences	21.84	DST (Indo-Russian)	2 years	2019	Ongoing
95	DoRD/Cul.St./SD/20-403	Commissioning tasks pertaining to Preservation and Conservation of Manuscripts for National Mission for Manuscripts	Dr. Subhra Devi	Government	Cultural Studies	7	NMM	3 years	2018	Ongoing
96	DoRD/Env.Sc./RRH/20-404	Earthworm Gut Microbes Mediated Carcinogenic Polycyclic Aromatic Hydrocarbons (CPAHs) Remediation in Contaminated Soil	Prof. R.R. Hoque	Government	Environmental Science	33.84	DBT	3 years	2018	Ongoing
97	DoRD/MBBT/MVSK/20-405	Computational Investigation on the membrane-induced self-assembly and aggregation of α -Synuclein	Dr. M.V. Satish Kumar	Government	MBBT	44.78	DST-SERB	3 years	2018	Ongoing
98	DoRD/Math.Sc./RH/20-407	A Study of Navier-Stokes Equations with Navier boundary condition	Dr. Rajib Haloi	Government	Mathematical Sciences	12.93	NBHM-DAE	3 years	2019	Ongoing
99	DoRD/EFL/SKD/20-410	A stimulus appraisal-based study on motivation affect in L2 learning at the tertiary level with reference to Engineering students learning English as an L2 in Assam	Dr. Sarat Kumar Doley	Government	English	28.44	DST	3 years	2019	Ongoing
100	DoRD/Phy/SKD/20-412	Identification of electroactive materials for high energy and high power rechargeable aluminum-ion battery	Dr. Shyamal Kumar Das	Government	Physics	32.82	DST-SERB	3 years	2019	Ongoing

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101	DoRD/Math.Sc./NDB/20-413	A study on exact generating functions and congruences for partition functions associated to Ramanujan's mock theta functions and other related functions	Prof. N. Deka Baruah	Government	Mathematical Sciences	6.6	DST-SERB	3 Years	2019	Ongoing
102	DoRD/Chem.Sc./SKD/20-415	Stereoselective Synthesis of Spirocyclic Indolines	Dr. Sajal K. Das	Government	Chemical Sciences	45.91	DST-SERB	36 months	2019	Ongoing
103	DoRD/Env.Sc./NG/20-416	Ecohyrological assessment of eutrophicated water bodies – monitoring algal blooms (algal toxins), water quality and developing techniques to reduce eutrophication	Dr. Nayanmoni Gogoi	Government	Environmental Science	26.21	DST-SERB	36 months	2019	Ongoing
104	DoRD/MBBT/SPGP/20-417	In vitro studies to investigate the therapeutic approach of editing the defective exon 3 of the human CHST6 gene associated with Macular Corneal Dystrophy through the CRISPR-Cas9 technology	Dr. Surya Prakash G. Ponnamp	Government	MBBT	45.94	DST-SERB	36 months	2019	Ongoing
105	DoRD/Math.Sc./DK/20-418	On Algebraic Connectivity and Laplacian Spectral Radius of Graphs	Dr. Debajit Kalita	Government	Mathematical Sciences	6.6	DST-SERB	36 months	2019	Ongoing
106	DoRD/Sociology/SSS/20-419	Inequality and Inclusion in Primary Health Care System in India: Comparative Analysis of Kerala and Assam	Dr. Sumesh S.S.	Government	Sociology	36.66	ICMR	2 Years	2018	Ongoing
107	DoRD/Phy/PD/20-420	Efficient oil recovery as conventional energy using smart graphitic nanocomposite	Prof. P. Deb	Government	Physics	15	DBT	3 years	2019	Ongoing
108	DoRD/Energy/DCB/20-421	Design and Development of an all-purpose smart biogas reactor for household applications	Prof. D.C. Baruah	Government	Energy	11	AICTE	3 years	2019	Ongoing

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109	DoRD/FET/BS/20-422	Non-thermal Pulsed-Light processing of fresh-cut fruits of NE India: A Novel hurdle approach for predicting enhanced Shelf-life and Nutritional quality	Dr. Brijesh Srivastava	Government	FET	25	AICTE	3 years	2019	Ongoing
110	DoRD/FET/MKH/20-423	Solar greenhouse drying system for the production of 'No-cooking' rice from Assam and product quality modelling during storage	Dr. Manuj Kumar Hazarika	Government	FET	25	AICTE	3 years	2019	Ongoing
111	DoRD/CSE/SP/20-425	Methods for the automatic generation of attribute profiles from hyperspectral data	Dr. Swarnajyoti Patra	Government	CSE	17.1	AICTE	3 years	2019	Ongoing
112	DoRD/Cul.St./PD/20-426	Archiving, Modelling and Visualization of the Eco-Cultural Heritage of the Majuli River island of Assam	Dr. Parasmoni Dutta	Government	Cultural Studies	22.17	DST	3 years	2019	Ongoing
113	DoRD/ECE/SR/20-427	Design and Implementation of Low Cost Hybrid Aquaponics System	Dr. Soumik Roy	Government	ECE	22.86	AICTE	3 years	2019	Ongoing
114	DoRD/Phy/RG/20-428	The Astrosat view on understanding the nature of synchrotron spectrum in blazars	Dr. Rupjyoti Gogoi	Government	Physics	16.9	ISRO	3 years	2019	Ongoing
115	DoRD/Energy/RK/20-429	Catalytic Conversion of Biomass derived 2,5- dimethyl furan to value added Petro Chemical p-xylene	Prof. Rupam Katak	Government	Energy	23	AICTE	3 years	2019	Ongoing
116	DoRD/FET/NS/20-430	Ultrasound Assisted Rapid Immobilization of Pectinase on Solid Support for Juice Clarification	Dr. Nandan Sit	Government	FET	21.1	AICTE	3 years	2019	Ongoing

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117	DoRD/FET/CLM/20-431	Processing of coconut milk, development of beverage from curcumin enriched nanoemulsified coconut milk (partially defatted) and pineapple juice and evaluation of their health implications	Prof. C.L. Mahanta	Government	FET	22.23	Coconut Development Board	2 years	2019	Ongoing
118	DoRD/Phy/DM/20-432	Effect of energetic γ -photons and ion beams on structural, opto-electronic and rheological property of tungsten dichalcogenide-based composites	Dr. D. Mohanta	Government	Physics	2.26	UGC-DAE-CSR	3 years	2019	Ongoing
119	DoRD/MBBT/ANJ/20-435	Search of potent inhibitors against target from L. donovani (Visceral Leishmaniasis) using systems biology, virtual screening and molecular dynamics	Dr. Anupam Nath Jha	Government	MBBT	15.24	DBT	2.5 years	2019	Ongoing
120	DoRD/CE/UKD/20-436	A study on response of geocell reinforced soil foundation under static and cyclic loading	Prof. Utpal Kumar Das	Government	Civil Engineering	20.75	AICTE	3 years	2019	Ongoing
121	DoRD/ME/PPD/20-437	Design Development and performance Testing of a Solar Dryer for Drying of <i>Garcinia pedunculata</i> with Thermal Energy Storage	Dr. Partha Pratim Dutta	Government	Mechanical Engineering	17.5	AICTE	3 years	2019	Ongoing
122	DoRD/ME/PPD/20-438	Modernization Automobile / Internal combustion Engine laboratory	Dr. Partha Pratim Dutta	Government	Mechanical Engineering	13.45	AICTE	2 years	2019	Ongoing
123	DoRD/CSCWS/MG/20-439	Effectiveness of the Sexual Harassment of Women at Workplace (Prevention, Prohibition and Redressal), Act. 2013 and Rules thereunder: A study of Assam	Dr. Madhurima Goswami	Government	CSCWS	4.75	National Commission for Women	12 months	2019	Ongoing

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124	DoRD/MBBT/MM/20-440	Bioconversion of organic wastes and de-oiled algal residue into biodiesel and value added products (carotenoids) using oleaginous microbes	Prof. Manabendra M	Government	MBBT	12.0	DBT	2 Years	2019	Ongoing
125	DoRD/ECE/SS/20-441	A behavioral model of Ion Sensitive Field Transistor (ISFET) with spatial dependence on reference electrode and development of a hardware system for model validation	Dr. Santanu Sharma	Government	ECE	4.7	ASTEC	24 months	2019	Ongoing
126	DoRD/Chem.Sc./SPM/20-442	Development of a Cu(II) mediated strategy for the sensing of fluoride anion in aqueous medium	Dr. Sanjeev Pran Mahanta	Government	Chemical Sciences	8.87	CSIR	3 years	2019	Ongoing
127	DoRD/Phy/AK/20-443	Development of conducting polymer based nanocomposites for efficient detection of Mycotoxins	Dr. Ashok Kumar	Government	Physics	34.45	DAE-BRNS	3 years	2019	Ongoing
128	DoRD/Phy/AK/20-444	Ion irradiation effects on conducting polymer@carbon nanomaterials based nanocomposites functionalized with metal (Au/Ag) nanoparticles for amperometric immunosensors for efficient detection of mycotoxins	Dr. Ashok Kumar	Government	Physics	6.03	IUAC	3 years	2019	Ongoing
129	DoRD/Phy/PN/20-445	Design of smartphone platform fluorescence microscopic system for resource poor regions	Dr. Pabitra Nath	Government	Physics	2.41	ASTEC	2 years	2019	Ongoing
130	DoRD/MBBT/AK/20-447	Characterization of DNA structural features and non B DNA structures in regulatory regions in prokaryotes: an insilico approach	Dr. Aditya Kumar	Government	MBBT	28.34	DBT	3 years	2019	Ongoing
131	DoRD/Chem.Sc./AKP/20-448	Synthesis, Reactivity and Bonding in Metal and Metal-free Borylenes	Prof. A.K. Phukan	Government	Chemical Sciences	13.68	DST (Indo-Jarman)	2 years	2019	Ongoing

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132	DoRD/MBBT/JPS/20-449	anticancer flavones-Baicalein, Chrysin and Oroxylin A, from <i>Oroxylum indicum</i> tissue culture and studies on its chemopreventive activities	Dr. J.P. Saikia	Government	MBBT	26.07	DBT	3 years	2019	Ongoing
133	DoRD/MBBT/NDN/20-450	Identification and Characterization of active molecules derived from selected edible medicinal plants of Arunachal Pradesh against rotavirus and clinical isolates of drug resistant <i>E. coli</i> and <i>S. aureus</i>	Dr. Nima D. Namsa	Government	MBBT	58.41	DBT	3 years	2019	Ongoing
134	DoRD/FET/SCD/20-451	Development of Anti-inflammatory Functional Food from 'Norabogori' (<i>Prunus persica</i>) of Assam	Prof. S.C. Deka	Government	FET	27.7	MoFPI	2 years	2019	Ongoing
135	DoRD/MBBT/MM/20-452	Standardization of Indigenous Probiotic based Formulation for Immunity, Glucose and Lipid metabolism	Prof. M. Mandal	Government	MBBT	40.57	DBT	3 years	2019	Ongoing
136	DoRD/ChemSc./AD/20-453	Development of Catalytic reaction strategies for the synthesis and functionalization of potential bioactive heterocyclic molecules	Dr. Anindita Dewan	Government	Chemical Sciences	29.45	DST	3 years	2019	Ongoing
137	DoRD/MBBT/PB/20-454	Big data and Machine learning based approach to understand combined stress response signatures in multiple cultivating crop plants	Dr. Pankaj Barah	Government	MBBT	23.24	DST-SERB	24 months	2019	Ongoing
138	DoRD/UGC-STRIDE/BA/MD/20-455	Reviving cultural artefact Gamosa through Intellectual Property Management in Assam and Innovative supply chain (Component-1, UGC-STRIDE)	Dr. Mridul Dutta	Government	Business Administration	43	UGC	3 years	2019	Ongoing

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139	DoRD/MBBT/MVSK/20-456	Development of novel rationally designed ferrocene, glucose and folic acid conjugated lanthanide (III), iron (III) and cobalt (III) complexes as antibacterial and theranostic anticancer agents	Dr. M.V. Satish Kumar	Government	MBBT	19.89	DBT	3 years	2019	Ongoing
140	DoRD/Energy/DCB/20-457	Multi-Crop Residue Processing Technology Package for Production of Fuel and fertilizer	Prof. D.C. Baruah	Government	Energy	140.78	DST-SERB	36 months	2019	Ongoing
141	DoRD/Chem.Sc./SKD/20-458	UGC-BSR Mid-Career Award Grant	Prof. S.K. Dolui	Government	Chemical Sciences	10	UGC	2 Years	2019	Ongoing
142	DoRD/Chem.Sc./UB/20-459	Green and sustainable catalysts based on zeolites for oxidative transformation reactions	Dr. Utpal Bora	Government	Chemical Sciences	11.82	DST (Indo Bulgaria)	2 Years	2019	Ongoing
143	DoRD/MCJ/JC/20-460	Historical Continuity and Cultural Connotations of the Mask Traditions of North East India	Dr. Joya Chakraborty	Government	MCJ	9.7	ICSSR	24 months	2020	Ongoing
144	DoRD/Chem.Sc./KKB/20-461	Design of ship In A Bottle Complexes and Zeolite-Y Supported Nanocatalysts For C-Cl Bond Activation and C-C Coupling Reactions	Dr. Kusum K. Bania	Government	Chemical Sciences	31.49	DST-SERB	36 months	2020	Ongoing
145	DoRD/Chem.Sc./BCH/20-462	Crystallization of Drugs Templated by Mimetic Organogels and Functional Surfaces	Dr. Bipul Chandra Sarma	Government	Chemical Sciences	29.3	DST-SERB	36 months	2020	Ongoing
146	DoRD/Com/RKT/20-463	Forensic Accounting Education in India: Prospects and Problems	Dr. Reshma Kumari Tiwari	Government	Commerce	10	ICSSR	24 months	2019	Ongoing
147	DoRD/Phy/ND/20-465	A study on laser-driven ion acceleration from plasma target and generation of large scale magnetic field in relativistic laser plasma interaction	Prof. Nilakshi Das	Government	Physics	25.56	DST-SERB	36 months	2020	Ongoing

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148	DoRD/ECE/JCD/20-466	Fabrication characterization and modeling of CNT based high dielectric enzymatic field effect crearinine biosensor (CNT-C-ENFET)	Prof. Jiten Ch. Dutta	Government	ECE	25	AICTE	3 Years	2019	Ongoing
149	DoRD/Math.Sc./SD/20-467	Point and interval estimation of some functionals of the distribution function of identically distributed random variables and their sums with applications	Prof. Santanu Dutta	Government	Mathematical Sciences	6.6	DST-SERB	36 months	2020	Ongoing
150	DoRD/CSE/RS/20-470	Randiomics with Machine Learning Methods towards Prediction of Gall Bladder Cancer	Dr. Rosy Sarmah	Government	CSE	12.67	ICMR	2 years	2020	Ongoing
151	DoRD/MBBT/EK/20-471	Optimization of nanocatalysts for sustainable conversion of food wastes into value added products	Dr. E. Kalita	Government	MBBT	53.8	MHRD-STARS	3 years	2020	Ongoing
152	DoRD/Env.Sc./AD/20-472	Climate Change Impacts and Adaptation for a Climate Resilient North East India	Dr. Ashalata Devi	Government	Environmental Science	635.65	DST	5 years	2020	Ongoing
153	DoRD/CSE/NM/20-473	Ensuring QoS in Internet of Medical Things (IoMT) using Software-Defined Networking (SDN)	Dr. Nabajyoti Medhi	Government	CSE	36.39	MeitY	24 months	2020	Ongoing
154	DoRD/Asc/BS/20-477	Investigation of the accretion flow properties of black hole binaries with AstroSat	Dr. Biplob Sarkar	Government	Applied Sciences	5.21	ISRO	3 years	2019	Ongoing
155	DoRD/MBBT/TM/20-396	Formulation of a MEOR slug for Enhanced Oil Recovery of Upper Assam Basin (MEOR)	Dr. Tapas Medhi	Non Government	MBBT	40.95	ONGC	3 years	2018	Ongoing
156	DoRD/MBBT/MM/20-468	Bioremediation and reclamation of petroleum oil hydrocarbon contaminated soil/water by microaerophilic/anaerobic bacterial consortium	Prof. Manabendra Mandal	Non Government	MBBT	11.34	ONGC-CPBT	2 years	2020	Ongoing
157	DoRD/Sociology/AKD/20-291	Documentation of Case studies on GPDP	Dr. Amiya Kumar Das	Non Government	Sociology	6.17	UNICEF	3 Months	2016	Ongoing

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158	DoRD/Sociology/AKD/20-292	Documentation of Social Protection Schemes for Tea Graden Workers in Assam	Dr. Amiya Kumar Das	Non Government	Sociology	7.27	UNICEF	3 Months	2016	Ongoing
159	DoRD/SW/VX/20-391	Assessment of Nutrition cum Counselling Centres in Assam	Prof. Virginius Xaxa	Non Government	Social Work	19.08	UNICEF	3 months	2018	Ongoing
160	DoRD/Sociology/AKD/20-406	Vulnerability analysis of Marginalised Communities in Riverine Islands of Assam	Dr. Amiya Kumar Das	Non Government	Sociology	5.31	UNICEF	3 months	2018	Ongoing
161	DoRD/Chem.Sc./RCD/20-290	Development of efficient methodology for the synthesis of 4-(2-Methoxyethyl) phenol	Prof. R.C. Deka	Non Government	Chemical Sciences	10	Vinati Org. Ltd. Mumbai	1 Year	2015	Ongoing
162	DoRD/Energy/DCB/20-324	Community based Bioenergy research	Prof. D.C. Baruah	Non Government	Energy	£ 31,500(amount	Nottingham University	1 Year	2017	Ongoing
163	DoRD/Energy/DCB/20-408	Strengthening education, research and innovation for climate smart crops in India	Prof. D.C. Baruah	Non Government	Energy	€ 1,05,428.75	Erasmus+ Capacity Building in Higher Education (India-Greece-Italy)	3 years	2018	Ongoing
164	DoRD/Energy/DCB/20-401	Smart Hygrid Energy system for heat, electricity and crop nutrients	Prof. D.C. Baruah	Non Government	Energy	0.67	Pamoja Cleantech AB, Sweden	3 years	2017	Ongoing
165	DoRD/Chem.Sc./KKB/20-474	Design of Zeolite-Y Supported Heterogeneous Catalyst for C-C Bond Coupling Reactions	Dr. Kusum K. Bania	Government	Chemical Sciences	8.62	CSIR	36 months	2020	Ongoing
166	DoRD/CEFL/MB/20-476	Documentation and Revitalization of Ntenyi, Khongdei and Zyphe three endangered languages of North East India	Prof. Madhumita Barbora	Government	CFEL	79.1	NEC	3 years	2020	Ongoing

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167	DoRD/Env.Sc./PD/20-478	Study of shifting cultivation and associated environmental problems in Meghalaya: physicochemical and geospatial approach	Dr. Pratibha Deka	Government	Environmental Science	35.49	DST-SERB	3 years	2020	Ongoing
168	DoRD/ECE/RG/20-479	Nanocavity-in-Body Tunnel Field Effect Transistor Architectures for Low Power Sensing Applications	Dr. Rupam Goswami	Government	ECE	10.49	DST-SERB	2 Years	2020	Ongoing
169	DoRD/Phy/NSB/480	Early detection of pest on Tea plantation through Multispectral imaging from Unmanned Aerial Vehicle	Prof. Nidhi S. Bhattacharyya	Government	Physics	195.12	MeitY	3 years	2020	Ongoing
170	DoRD/Chem.Sc./AKP/20-481	Computational Investigations Towards Designing of Main Group and Transition Metal Based Systems for Dinitrogen Activation	Prof. Ashwini Kumar Phukan	Government	Chemical Sciences	40.95	DST-SERB	36 months	2020	Ongoing
171	DoRD/FET/MKH/20-482	Development of Instant Pressure Drop based parboiling Process for Production of Komal Chawal with Improved Rehydration Quality	Prof. Manuj Kumar Hazarika	Government	FET	3.16	ASTEC	2 years	2020	Ongoing
172	DoRD/Asc/SS/20-483	Developing Polymers of Intrinsic Microporosity (PIMs) as Solid Matrix for Separations	Dr. Saona Seth	Government	Applied Sciences	26.54	DST-SERB	24 months	2020	Ongoing
173	DoRD/MBBT/AS/20-484	To explore the role of exercise – induced myokines on adipocyte-macrophage crosstalk and the prevention of adipose tissue inflammation and insulin resistance	Ms. Archana Sinha	Government	MBBT	30.08	DHR	3 years	2020	Ongoing
174	DoRD/Env.Sc./AD/20-485	A study of Indian Himalayan region (IHR)	Dr. Ashalata Devi	Government	Chemical Sciences	14.5	UGC	4 months	2021	Ongoing
175	DoRD/Chem.Sc./RCD/20-486	Tuning Metal Oxide Clusters for Selective Catalytic Hydrogenation of CO ₂ to Organic Acids using Quantum Chemical Methods	Prof. Ramesh Ch. Deka	Government	Chemical Sciences	29.48	DST SERB	3 years	2020	Ongoing

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176	DoRD/Env.Sc./NG/20-487	Harnessing Endophytes and Arbuscular Mycorrhizal Fungi from Citrus Microbiome for Plant and Soil Health Management in North East India	Dr. Nirmali Gogoi	Government	Environmental Science	20.82	DBT	3years	2021	Ongoing
177	DoRD/CSE/NS/20-488	Development of Secured and Reliable Spectrum Allocation Schemes for Next-generation Elastic Optical Networks	Prof. Nityananda Sarma	Government	Computer science & engineering	35.96	MeitY	3 years	2021	Ongoing
178	DoRD/FET/PM/20-489	Phytochemical profiling and valorisation of Pomelo fruit of Northeast region	Dr. Poonam Mishra	Government	FET	41.48	MoFPI	2years	2021	Ongoing
179	DoRD/MBBT/NDN/20-490	Rotavirus NSPI degrades interferon receptors (IFNRs) through a PKR-dependent pathway	Dr. Nima D. Namsa	Government	MBBT	50.51	DST-SERB	3 years	2021	Ongoing
180	DoRD/Energy/DD/20-491	Applied research and development for industrial realization of lignin recycling and conversion to value added international market products	Prof. Dhanapati Deka	Government	Energy	48.38	DST	3 years	2021	Ongoing
181	DoRD/CSE/SP/20-492	Developments of Semantic Aware Structure Preserving Image Filtering Techniques	Dr. Swarnajyoti Patra	Government	Computer science & engineering	38.87	DST SERB	3 years	2021	Ongoing
182	DoRD/SW/AS/20-493	Substance abuse and suicidal behavior among college students in North East India	Dr. Apurba Saha	Government	Social Work	17.26	ICMR	18months	2021	Ongoing
183	DoRD/MBBT/ANJ/20-494	Strategic System Biology and Metabolic Pathways approach to develop nanocarriers for targeted drug delivery	Dr. Anupam Nath Jha	Government	MBBT	26.03	DST-SERB	3 years	2021	Ongoing
184	DoRD/MBBT/AK/20-495	Elucidating the mechanism of action of pehR, a transcriptional regulator in pathogenicity of Ralstonia solanacearum F1C1 (local isolate)	Dr. Aditya kumar	Government	MBBT	63.66	DST-SERB	3 years	2021	Ongoing

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185	DoRD/ECE/PPS/20-496	Development of quantum opticals sensor based system to identify and categorise arsenic and led in water even with very low concentration	Prof. Partha P. sahu	Government	ECE	70.18	MeitY	3 years	2021	Ongoing
186	DoRD/CSCWS/MG/20-498	Lives of the Ritual Priestesses of Assam: A Study with special reference to the Institution of Doudinis in the Bodo Society	Dr. Madhurima Goswami	Government	CSCWS	2.5	ICHR	2 years	2021	Ongoing
187	DoRD/Math.Sc./MN/20-501	On Pareto eigen value of distance matrix of connected graphs	Prof. Milan Nath	Government	Mathematical Sciences	6.6	DST SERB	36 month	2019	Ongoing
188	DoRD/MBBT/SKR/20-506	Exploiting chemical ecology for IPM: Deciphering the phyto-semiochemicals involve in Insect-Plant interactions of major crop pests of North East Region-India	Prof. S.K. Ray	Government	MBBT	54.92	DBT	3 Year	2021	Ongoing