

Sl.no	ID	Abstract	Author List	Sub
1	34371729	Oroxylum indicum- Totala, A Total Tree in Totality	¹ Sanjit Kumar Saha* and ² Rinki Mukherjee	Botany
2	95246623	Y-directional activity of Trichoderma viridae isolate against Fusarium verticillioides causing stalk rot and ear rot in maize	Zerald Tiru and Parimal Mandal	Botany
3	71347021	Cultivation of mushroom on different agro residues to reduce global worming	Parimal Mandal	Botany
4	87760183	Effect of salinity on imbibition, seed germination, seedling growth of mustard (Brassica sp.) variety B9 & B-54	Srijani Bhattacharjee ¹ , Sanjoy Sadhukhan ¹ *	Botany
5	41554287	Effect of lead acetate on imbibition, seed germination and seedling growth of mustard (Brassica sp.) varieties B-54 and Uttara	Suravi Das ¹ , Sanjoy Sadhukhan ¹	Botany
6	71426154	Antibacterial activity and preliminary phytochemical screening of two medicinally important ferns, Pronephrium nudatum (Roxb. ex Griff.) Holtt. and Davallia griffithiana Hook. of Darjeeling District	Prashan Kumar Chhetri ¹ , Maitri Saha ² , Cyaria Gurung ³ and Jnan Bikash Bhandari ⁴ *	Botany
7	78843071	Multifaceted Action of Plant Growth Promoting Rhizobacteria Isolated from Darjeeling Hills on Plant Growth Promotion and Disease Suppression	Kiran Sunar ¹ *, Bishwanath Chakraborty ² and Usha Chakraborty ³	Botany
8	78046639	Appraisal of Antidiabetic and Antihyperlipidemic Activities of Fruits of Litsea Cubeba (Lour.) Pers.	Rakhi Chakraborty ¹ * and Vivekananda Mandal ²	Botany
9	31705388	Evaluation of the Role of Different Sugars in Vase-Life Enhancement and Cut Flower Preservation	Siju Das ¹ , Cyaria Gurung* ² and Jnan Bikash Bhandari ³	Botany
10	91860837	Effect of lead acetate on imbibitions, seed germination, and seedling growth of mustard (Brassica sp.) varieties Benoy and B-54	Krishnapada Roy ¹ , Sanjoy Sadhukhan ¹ *	Botany
11	52130396	Effect of Salt Stress on imbibitions, seed germination and seedling growth of mustard (Brassica sp.) varieties Uttara and B-54D seeds	Bina Chakraborty and Sanjoy Sadhukhan*	Botany
12	36290072	Biogenic synthesis of nano silver and evaluation of its effectiveness in extending post harvest shelf life through SDS gel & isozyme profiling	Dipayan Das* and Palash Mandal	Botany
13	78442953	Bioinspired development of EDTA functionalized iron nanoparticles and its application as a fertilizer in Mulberry propagation	Md Salman Haydar* and Palash Mandal	Botany
14	53565681	Therapeutic Potential Of Wheat Grass And Its Elicitation By Priming With Nano-Chitosan Conjugates Along With Its Impact On Pathogen Infestation	Divya Chouhan* and Dr. Palash Mandal	Botany
15	17008947	Pollen morphology of selected Indian species from subfamily Polygonoidae (Polygonaceae)	Payel Paul* and Monoranjan Chowdhury	Botany
16	37557285	Present status of the Germplasm Resource of The Centre for Aromatic and Medicinal Plant Garden, NBU	¹ Aaratrik Pal*, ¹ Monoranjan Chowdhury	Botany
17	97041537	Improvisation of oxidative stress of mung bean under salinity stress with chitosan nanoparticles	¹ Sujoy Kumar Sen* and ² Palash Mandal	Botany

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18	31682659	Antimicrobial and antioxidant activity of green synthesized iron nanoparticles	Md Salman Haydar, Suravi Ghosh* and Palash Mandal	Botany
19	54819961	Isolation and Characterization of an Indigenous Red Potato and White Potato Starch for their Nutritional Aspects	Biswanath Karmakar*, Fayaj uddin Miah*, Swarnendu Roy	Botany
20	56651049	Evaluating Morphological and Biochemical Changes on Exposure to Different Concentrations of Phenol on <i>Salvinia Natans</i> L.	Ashis Sarkar*, Swarnendu Roy	Botany
21	23035761	Combined Application of Ascorbate and Proline in Alleviation of NaCl Stress in <i>Vigna radiata</i>	Mahima Misti Sarkar* and Swarnendu Roy	Botany
22	85242971	The antioxidant rich active principles of <i>Clerodendrum</i> sp. controls haloalkane xenobiotic induced hepatic damage in murine model	¹ Pallab Kar* and ¹ Arnab Sen	Botany
23	10487323	Bioinformatics approaches reveal the potency of selected herbs of North Bengal for remedy of tuberculosis	¹ Arnab Kumar Chakraborty* and ¹ Arnab Sen	Botany
24	85008117	Profiling of selected Citrus varieties of North Bengal using RAPD and ISSR markers	1Mousikha Lala*, 1Arnab Sen	Botany
25	69119987	DNA barcode profiling of selected clones of <i>Camellia sinensis</i> (L.) O Kuntze reveals intraspecific variation.	1Reha Labar*, 2Malay Bhattacharya, 1Arnab Sen	Botany
26	17981809	Exploration of Immunomodulatory and anti-inflammatory activity through the modulation of TH1/TH2 cytokine balance in murine splenic lymphocytes by <i>Croton bonplandianus</i> : a potential novel immunotherapy tool	Somit Dutta1* & Arnab Sen1	Botany
27	39230945	Evaluation of Larval Growth and Cocoon Parameters of Silkworm Larvae fed with Preserved Mulberry Leaves	Dipayan Das, Swarup Singha Roy* and Palash Mandal	Botany
28	93907743	Comparative Anatomical Study of Preserved Mulberry leaves and Prevention of Xylem Occlusion at Post Harvest Stage of Preservation	Dipayan Das, Debasmitta Ghosh* and Palash Mandal	Botany
29	22480012	Hepatoprotective Activity Of Poly-Herbal Formulations Used By Rajbanshi Community	¹ Priyankar Roy*, ² Shiv Bhardwaj, ² Ram Kumar Sahu, ³ Subhasis Panda, ¹ Palash Mandal	Botany
30	91150213	Effects Of Insect Repellent Plants In Dooars Tea Plantation With The Special Reference To The Biochemical Qualities Of Tea	Debolina Sen	Botany
31	76218854	Survey of Ten Mostly Used Medicinal Plants In Several Areas of Coochbehar District	Ishita Roy	Botany
32	99271322	Sodium Nitroprusside Induced Resistance in Tea Plants Against <i>Glomerella cingulata</i> and the Associated Changes in the Defense Enzymes	Rita Som Paul	Botany
33	25023107	A study on Diversity and Phenology of Leaf litter Macrofungi	G.Das, P. Chakraborty, P.Giri and H. Saha	Botany
34	50509868	Heavy metal tolerance in soil bacteria isolated from arable land	Jayanti Saha, Sukanya Bhattacharjee and Ayon Pal	Botany
35	31538072	Traditional Fermented Foods and Beverages of India	Debarun Chakraborty ^{1,*} and Aninda Mandal ²	Botany
36	87398057	Detection and characterization of heavy metal and antibiotic resistant bacteria from Raiganj Wildlife Sanctuary	Barnan Kr Saha*, Alapan Sarkar, Ayon Pal	Botany
37	47993160	Screening of rice (<i>Oryza sativa</i> L.) root colonizing fungi of Uttar Dinajpur playing dual roles of bio-fungicide and bio-fertilizer conjointly	Monalisha Sarkar* and Parimal Mandal	Botany

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38	38613950	Phytosociological studies of the critically endangered <i>Streptocaulon sylvestre</i> wight in its only natural habitat	1Priyanka Das*, 2Chandra Ghosh and 3A.P.Das	Botany
39	10819293	Morphological Biochemical and Genomic characterization of industrially useful <i>Streptomyces</i> strains isolated from Darjeeling region	Saroja Chhettri*, Gargi Sen and Arnab Sen	Botany
40	85422213	Geo-Tagging and Digitalization of Taxonomic Database of Shrubs and Tress of Ramkrishna Ashram	Kaushal Agarwal ¹ *, Janmejoy Sarkar ² , Jibanananda Roy ² Debasis Sarkar ²	Botany
41	62014360	Life forms, habitats and adaptations of flowering plants present in the area from ITI more to Cooch Behar Panchanan Barma University Campus(CBPBU)	Anita Debnath ¹ *, Nabanita Barman ¹ *, Jahanur Hossain ² , Shibu Barman ² and R.P. Mukhopadhyay ^{1,2} ,	Botany
42	56406127	Cultivar specific response of maize plant against ambient air pollution under varying soil nutritional amendments	Manisha Sarkar* and ² Abhijit Sarkar	Botany
43	70564662	Present status of Protected Areas of North Bengal with special reference to their floras and vegetation	¹ Chandra Ghosh* and ² A.P.Das	Botany
44	70136355	Documentation Of Well Known Plant Species Of Poaceae Family At Baneswar Area, In Coochbehar District	1Gourab Kumar barman*, 2Jahanur Hossain	Botany
45	81926965	Chemical composition, Antimicrobial and Antioxidant Activities of Essential Oil from the Leaves of <i>Pimenta dioica</i> (L.) Merr.	Shohini Chakraborty*, Anamika Roy, Sukanta Majumdar	Botany
46	37999032	Evaluation of Phytoplankton diversity of five village ponds of Alipurduar by using Foldscope	Ria Sen Chowdhury	Botany
47	97177242	A Phytosociological Study of the Growth of Medicinal Plants in Central Dooars	Nandini Dey ¹ , Debolina Sen ²	Botany
48	13085188	Anti-Hemorrhoid Ethno-medico formulations used by tea garden workers of Darjeeling, India	Deepika Chettri *and Monoranjan Chowdhury	Botany
49	60404115	Two new taxa of rattans from Eastern Himalaya, India	Sujit Mondal* and Monoranjan Chowdhury	Botany
50	68432806	Antioxidant and antimicrobial activities of non polar to polar solvent extracts of leaves collected from tea plantation shade trees	Arindam Ghosh*, Soumya Majumder, Sumedha Saha and Malay Bhattacharya	Botany
51	88264685	Production and Characterization of Probiotic Fermented CTC Tea Infusion	Soumya Majumder ¹ *, Sumedha Saha ¹ , Arnab Sen ² and Malay Bhattacharya ¹	Botany
52	65573108	Taxonomic significance of Stomata & Armature in some species of Indian Rattans (Arecaceae)	Keya Modak* and M. Chowdhury	Botany
53	99960789	CTC tea processing practices in Terai & Dooars region of West Bengal, India	Satyajit Sarkar* and Monoranjan Chowdhury	Botany
54	10467478	Analysis Of Phytoconstituents Of <i>Chara Zeylanica</i> L.	Sankar Narayan Sinha ,Astom Mondal and Karabi Biswas	Botany
55	89859312	Exploration and application of potential phosphate solubilizing bacteria for high productivity of Tomato(<i>Solanum lycopersicum</i>)	Balam Sarkar* and Jatindra Nath Bhakta	Botany
56	63682579	Investigation of transposable elements in a tea pathogen, <i>Colletotrichum</i> spp.	1Barsha Dey* and 2Subarna Thakur	Botany
57	98409177	Medicinal Orchids of Eastern Himalayan Foothills and an Innovative Measure for their Conservation	Ashis Kumar Roy*and Mainak Mukherjee	Botany
58	24075349	Induction of Defence Enzymes in Niger Plant with Synthetic and Botanical Elicitors against Leaf Blight Disease caused by <i>Alternaria alternata</i>	Chandrani Choudhuri ¹ * and Aniruddha Saha ²	Botany
59	51483265	Two potential biocontrol and growth promoter bacterial strains isolated from municipal solid waste, West Bengal, India	MaMamun Mandal ¹ *, Tina Roy, Shohini Chakraborty and Sukanta Majumdar	Botany

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60	41997166	Evaluation of the potentiality of trehalose coated carbon nanodots (CNTs) in alleviation of NaCl stress in Vigna seedlings	Rewaj Subba*, Swarnendu Roy	Botany
61	89321903	A study on diversity of wild macro-fungi in Tufanganj, Coochbehar, West Bengal	Madhuri Goswami*, Mallika Barman, Bipasha Pal, Sudipta Saha, Jhilik Barman, Sunanda Biswas, Jewel Hossain, Suvankar Basak, Agradin Pal	Botany
62	55519324	A Preliminary Field Survey On Tea Gardens Of Kalchini Block Of Alipurduar District, West Bengal	¹ Ajoy Das, ² Sabuj Saikat Das*, ³ Ayantik Pal, ⁴ Biswarup Bhattacharjee, ⁵ Gourab Kumar Barman	Botany
63	60511724	Antibiofilm, antiadhesive and synergistic activity of di-rhamno-C10-C12 biosurfactant from endophytic bacterium Bacillus sp. LLB-04 against topical pathogens	RajsekharAdhikary ^{1,*} , Sukhendu Mandal ² and Vivekananda Mandal ¹	Botany
64	10091757	Characterization of two novel strains of Aspergillus fumigatus nHF-01 and A. fumigatus PPR-01 producing antimicrobial compounds.	Vivekananda Mandal ^{1,*} , Rajsekhar Adhikary ² , Pulak Kumar Maity ³ , Sukhendu Mandal ⁴ and Vivekananda	Botany
65	30346264	Ex-situ conservation of a threatened medicinal plant Clerodendrum indicum (L.) Kuntze. (Verbenaceae) through rapid micropropagation	1Prithwish Mandal* and 2Vivekananda Mandal	Botany
66	39456103	Antibiofilm and antiadhesive potentiality of glycolipid biosurfactant produced from Pediococcus acidilactici LAB-05 against topical pathogens	1Shrabasti Guha*, 2RajsekharAdhikary and 3Vivekananda Mandal	Botany
67	48748137	Antibiofilm potential of partially purified compounds from Cucumis melo L. var. agrestis Naudin	Md. Shaid Biswas ^{1,*} , Vivekananda Mandal ² , RajsekharAdhikary ³ and Vivekananda Mandal ⁴	Botany
68	87078437	Study of stomata of few plants of monocot and dicot families of Alipurduar district of West Bengal with foldscope and Light microscope	Pratap Das* and Biplab Talukdar*	Botany
69	65166249	Palynological study of few monocot and dicot families of Alipurduar College Campus through foldscope	Poulami Dutta* and Mou Saha	Botany
70	32336516	Intra-specific Cross (Oryza sativa L. x Oryza sativa L.) between Swarna Sub-1 and Badshahbhog for Yield and Quality Improvement.	Pankaj Shil and Subhas Chandra Roy*	Botany
1	41114024	Choice Based Cardiocare Sauteing oils.	Nabanita Paul	Chemistry
2	51956497	Bimetallic nanocluster on mesoporous silica and their catalytic activity	Ankana Karmakar, Joyanta Sarkar, Swarnab Dutta, AmitavaMandal*	Chemistry
3	76164206	Celebration Of International Year Of Periodic Table-2019: A Perceptual Analysis	Srijit Das	Chemistry
4	24842239	Synthesis Of Library Of Novel Vortioxetine Derivatives As The Potential Non-Steroidal Anti-Inflammatory Drugs	Dr. Goutam Biswas ^{1,*} , Hemant Suryavanshi ² , and Dr. Luigia Grazia Fresu ³	Chemistry
5	48887024	Assessment of Groundwater Quality Using Water Quality Indices	Arun Kumar Pramanik ¹ and Abhik Chatterjee ²	Chemistry
6	59147659	Synthesis and structural characterization of a linkage isomer to a mononuclear Nickel(II)complex: Experimental and computational depiction of phosphoesterase efficiency	Prafulla Kumar Mudri ^m , RajaniKantaMahato ^a , Mayank Joshi ^b , Suvendu Paul ^c , Angshuman Roy Choudhury ^b , Bhaskar Biswas ^a	Chemistry
7	73044933	Bioactive Peptides: Isolation, Synthesis, Characterisation and Potential Applications	Sudip Sarkar ^a , Suman Natta ^a , Nandita Sahana ² , Goutam Kumar Pandit ² , SomnathMandal ² & Gobinda Chandra De ¹	Chemistry
8	30766701	A catalyst free A ³ coupling strategy towards the synthesis of propargylamines utilizing the ortho hydroxy group of salicylaldehyde system	¹ Sujit Ghosh, ² Kinkar Biswas, ³ Suchandra Bhattacharya*, ⁴ Pranab Ghosh and ⁵ Basudeb Basu	Chemistry
9	75849903	estimation of glucose content and glucose release rate of indigenous varieties of rice of north bengal	¹ Dilip Debnath and ² Susmita Biswas*	Chemistry
10	71917142	Substituted 3E-styryl-1, 2-dihydronaphthalene: Synthesis and further tailored to tricyclic skeleton	Amit Pramanik ^{a*} and Sanjay Bhar ^b	Chemistry

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11	11886990	Calculation of electronic properties of PRION Protein conformations using semiempirical methods.	Abhik Chatterjee	Chemistry
12	26243601	Synthesis and Biological Activity of Aspirin Derivatives: Its Comparative Study with Encapsulated -Cyclodextrin	¹ Susama Chakraborty*, ¹ Amitava Mandal	Chemistry
13	60912726	Polyoxometalates: synthesis and their versatility	Indrajit barman ¹ , Vikas Kumar Daku ² Biswajit Sinha ³ .	Chemistry
1	68584367	Spatial gully erosion susceptibility mapping using machine learning algorithms in Hinglo River Basin, India	JAGABANDHU ROY & Dr. SUNIL SAHA	Earth Science
2	59806026	Eco-Geomorphological Approach for the Identification of Hydraulic Biotopes in the Ungauged Streams: A Case Study on Darjeeling Himalayan Foothills	Subhadip Gupta	Earth Science
3	13652678	Livelihood Vulnerability Index (LVI) of Snake Charmers: A Cross-State Comparative Study of Bihar and Odisha	Somenath Halder	Earth Science
4	26390896	Land Capability Classification Using Multi-Criteria GIS Based Drought PRONE Gandheswari Watershed, West Bengal	Ujjal Senapati & Tapan Kumar Das	Earth Science
5	23161993	Delineation of Flood Susceptible Zones using Analytical Hierarchy Process (AHP): A case study of Dinhata-I block, Cooch Behar District, India.	Koyel Roy & Dr. Shasanka Kumar Gayen	Earth Science
6	80599311	Determining process of occasional flooding from channel hydrological characteristics of Chel Basin, North Bengal (India)	Debarshi Ghosh & Dr. Snehasish Saha	Earth Science
7	54851757	Topographical Characteristics Of The Raidak-I And Turturi Interfluves	Rajib Mitra, Golap Hossain & D. K. Mandal	Earth Science
8	78695989	Explaining spatial variation of rural development with respect to accessibility parameters in West Bengal: A study in Beldanga-I Block of Murshidabad district, West Bengal	Syfujjaman Tarafder & N. C. Jana	Earth Science
9	42388228	Assessment of bank erosion of River Ganga and its influences on the land use and land cover (LULC) in Diara region of West Bengal using geospatial technology	Kunal Chakraborty & Dr. Snehasish Saha	Earth Science
10	57187521	Effect Of Querying Activities On River Channel Morphology along the Neora River : Using Remote Sensing & GIS	Ajit Kumar Sing & Amit Sarkar	Earth Science
11	73020578	An Unfortunate Natural Disaster in Nepal	Aasis Bhutia	Earth Science
12	88185505	A Study of Agro-biodiversity in Sikkim	Adarsh Kumal	Earth Science
13	13220769	Landslides in Darjeeling Himalaya	Gayatri Rai	Earth Science
14	83341922	Water Problems in Darjeeling Municipal Town	Anjana Limbu	Earth Science
15	23896712	Water crisis: A present scenario of India	Kamal Sarkar	Earth Science
16	24133330	Urban Flood Hazards and its Management in Foot-Hill Region of North Bengal: A Case Study of Jalpaiguri and Alipurduar	Samrat Podder & Dr. Shasanka Kumar Gayen	Earth Science
17	10490159	Identification of Water Potential Zones Using Remote Sensing and GIS Technique, Case Study-Koch Bihar District	Dr. Bappa Sarkar & Dr. Nazrul Islam	Earth Science
18	23744072	Traffic Congestion in Darjeeling Town: Issues & Concerns	Dr Sherap Bhutia	Earth Science
19	73771036	An Arsenic Contamination in West Bengal	Sahil Rai	Earth Science
20	21742259	Development & Environment: A Case Studies	Anosh Rai	Earth Science
21	90977862	Floods in North Bengal	Puja Roy & Nandita Roy	Earth Science
22	53177377	Surface soil characteristics and variability in the growth of paddy crops using geospatial technique	Tapash Mandal & Dr. Snehasish Saha	Earth Science

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23	49951361	Spatiotemporal variability of annual and seasonal rainfall by Innovative Trend Analysis over West Bengal, India	Dr. Jayanta Das , Debapriya Mandal & Tapash Mandal	Earth Science
24	47181110	Distribution of Soil Organic Matter over the climatic dry soil: A case of Jabalpur in Madhya Pradesh	Dr. Snehasish Saha	Earth Science
25	78477268	Multi-model Ensemble-Based Machine Learning Models for Identifying Potential Surface Temperature Susceptible Areas of Chandrabhaga river basin of Eastern India	Susanta Mahato & Swades Pal	Earth Science
26	68365206	Hazard assessment for rainfall induced shallow debris slide along NH 10 in Darjeeling Himalayas	Prodip Mandal & Shraban Sarkar	Earth Science
27	35880161	Significance of Magnitude of R2 to Explain the Shape of Long-Profile Along Channel: A Case Study	Gargi Sarkar & Subhadip Gupta	Earth Science
1	97046291	characterization of biopreservation properties of lactic acid bacteria	PallabiLaskar* and Jatindra Nath Bhakta	Environmental Science
2	69822006	A Zero Waste Strategic Framework for Domestic Solid Waste Management based on Simple Principles of 3R (Reduce, Reuse and Recycle)	¹ Anushree Baul Das , ² Cyaria Gurung* and ¹ Jnan Bikash Bhandari	Environmental Science
3	59300309	A Comparative Study of English Bazar and Puruliya Municipality with special reference to their Socio-Economic Condition	Arindam Basak	Environmental Science
4	96237091	Nanotechnology: A Future Era of Wastewater Treatment	Sayan Das*	Environmental Science
5	41716678	Endosulfan: Threats of pesticides residues	Debojyoti Biswas	Environmental Science
6	23599929	Impacts of Climate Change on Marine Aquaculture	Akash Das	Environmental Science
7	93103711	A Statistical Prediction Analysis for Eartquake in North-East India.	¹ Nilotpal Ghosh*, ¹ Jayjit Majumdar, ¹ Susmita Lahiri.	Environmental Science
8	25262355	Enumeration of Air pollution tolerance index (APTI) in naturally growing plants under higher vehicular pollution	Sujit Das* and Abhijit Sarkar ¹	Environmental Science
9	94749920	A present and future scenario of impact of particulate matter pollution on agriculture	¹ Debanjana Pal* and ¹ Abhijit Sarkar	Environmental Science
10	73828226	Determination of Pesticide Tolerance Ability in Phosphate Solubilising Microorganisms Isolated from Tea Plantation Soil of Darjeeling Hills	Sumedha Saha*, SukanyaAcharyya, Sahadeb Sarkar and Malay Bhattacharya	Environmental Science
11	23997367	Isolation of Mercury Tolerant Microorganisms from Polluted Soil Samples Collected from Darjeeling Hills	Sukanya Acharyya*, Sumedha Saha and Malay Bhattacharya	Environmental Science
12	34938008	Rural Drinking Water supply and Sanitation Facilities – A Case Study of Budhkaran Mouza, Naxalbari Block, Darjeeling District	Mousumi Ghosh* and . Ranjan Roy	Environmental Science
13	18301538	Delineation of Flood Prone Area Using Geospatial Techniques: A Case Study of Alipurduar District, West Bengal, India	¹ Mijanur Rahaman* and ¹ Indrajit Roy Chowdhury	Environmental Science
14	34973174	Tindharia landslide: case study of a devastating landslide and its stabilization using proper management practices.	Arkadip Bhowmik	Environmental Science
15	54360300	Prospect & Sustainability Of Eco-Tourism In India: A Step Towards Favourable Carbon Credit	Ambar Mazumder* and Tuhin Mukherjee, Department of Business Administration,University of Kalyani	Environmental Science
16	27280474	Human Animal Conflict In North Bengal: A Spatio Tempo Analysis	Anirban Das ^{1*} and Arindam Basak ²	Environmental Science
17	13365925	Geospatial analysis of Forest Fragmentation with relation to Human Intervention: A Case Study of Alipurduar District	¹ Tuhin Dey Roy* , ¹ Arindam Basak	Environmental Science
18	54477360	Towards Sustainability- A Case Study on Bungkulung Village	Sushmita Singh ¹ and Arindam Basak	Environmental Science
1	90027552	On (ψ, \cdot) -type Wardowski contractions with an application to operator equations	Ankush Chanda, Bosko Damjanovic, Lakshmi Kanta Dey, Hiranmoy Garai, Tanusri senapati	Mathematics

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2	49001210	On I and I* -Cauchy conditions in C* -algebra valued metric spaces	Amar Kumar Banerjee and Anirban Paul	Mathematics
3	38900317	Dispersion of pollutants in oscillatory flow through a channel with multisource: An application to Sewage Dispersion.	Subham Dhar	Mathematics
4	24368999	On solute transport from multiple sources in a pulsatile flow through an annulus with boundary reaction: An application to a catheterized artery	Nanda Poddar	Mathematics
5	97828718	Environmental Dispersion of Settling Particles in a Wetland Flow	Nanda Poddar and Susmita Das	Mathematics
6	85754491	Exponential Uniform Distribution and its Application	Sukanta Pramanik	Mathematics
7	98374239	Numerical study on environmental dispersion of fine settling particles in wetland flows: An application to wastewater treatment	Nanda Poddar and Subham Dhar	Mathematics
8	44322493	The Q ₀ -matrix completion problem	Kalyan Sinha	Mathematics
9	79938628	On a decomposition of as a sum of Cantor like sets	Debdut Sengupta	Mathematics
10	92745115	Three shared set problems - a different perspective	Dr. Sanjay Mallick and Md Tarique Anwar	Mathematics
11	89269602	On multi-metric spaces	Debjyoti Chatterjee	Mathematics
12	64907320	Rayleigh wave dispersion: A mathematical study	Soumendu Golui and Ajit De	Mathematics
13	80185459	On Soft Sets and Soft Automata	Pinaki Majumdar	Mathematics
14	47241549	Fuzzy Goal Programming Approach for Nutrient Management in Rice: A Case Study	Mousumi Kumar and Sankhajit Roy	Mathematics
15	20395201	Effect of nonlinear PREDATOR-PREY harvesting model on an ecological system with QIWU growth rate of the prey population	Md. Reduanur Mandal	Mathematics
16	19267652	Analytical Study of Blood Flow through a Catheterized Artery	Nanda Poddar ¹	Mathematics
1	89409036	Impact of Copyrights and its related rights on the education system of India	Anoop Kumar	Social Science
2	18155272	Effect of feed supplementation on mulberry silk worm with biosynthesized silver nanoparticles using leaf extract of Morus indica L. V1	Sudip Some, Anupam Roy, Kinkar Biswas, Amitava Mandal, Anoop Kumar, Kartik Neog, Debjoy Bhattacharya & Amit Kumar Mandal	Social Science
3	62488404	Analysing Geotourism potential of Alipurduar District, West Bengal, India : A Quantitative Study	Indrayudh Paul	Social Science
4	79527680	Poverty Eradication through Pro-Poor Tourism Development in Purulia District of West Bengal	Mahadeb Das	Social Science
5	50700567	Impact of Technology on Quality of Life of Older People : A Case Study on Tufanganj Municipal town, West Bengal	Angana Debnath	Social Science
6	73416287	Rural male-out-migration and its dynamic links with native villages: a study of selected villages of Rarh Region of West Bengal, India	Manoj Debnath & Devendra Kumar Nayak	Social Science
7	16780196	Assessing Economic Well Being: A Rural Urban Dichotomy of Left Behind Women in Cooch Behar - I Block, West Bengal	Sonel Som	Social Science
8	88905361	Focussing the folk- technological tools of the Totoes of North Bengal	Saheli Mitra	Social Science
9	78128818	Impact of Reckless Dumping of Solid Wastes in Kalimpong Township Area: An Assessment of the Urban Environmental Degradation	Parvati Rai	Social Science
10	80553724	Analyzing the Experience of the Patients about Healthcare: A Comparative Study of Public Healthcare System in Alipurduar District, West Bengal	Barnali Biswas	Social Science
11	35824478	Post GI measures to protect the wealth of West Bengal - Issues & Challenges	Riya Dey & Dr. Mahuya Hom Choudhury	Social Science

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12	46022333	Artificial Intelligence in the Agricultural Industry: An Analytical Report	Agnijita Dey & Dr. Mahuya Hom Choudhury	Social Science
13	77576095	Selection of Solid waste Landfill Suitability site Using Geographic Information system and Remote sensing- A Case study of Cooch Behar Municipality.	Debanjan Basak & Dr. Indrajit Roy Chowdhury	Social Science
14	27377742	Dynamic Simulation of Urban Expansion through Markov chain Modelling and Machine Learning: A case study of Siliguri and Adjacent Buffering Domain	Arghadeep Bose & Dr. Indrajit Roy Chowdhury	Social Science
15	32097313	Impact of River Course Shifting on Agriculture Based Livelihood: A Study on the Most Vulnerable Areas of Tufanganj- II Block, Cooch Behar, West Bengal	Rupan Dutta & Dr. Shasanka Kumar Gayen	Social Science
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21	41066153	An Evaluation of Accessibility, Availability and Association with Health Outcome of Reproductive Health Care Services at PHC level in Aspirational District of India	Tapan Debnath, Dr. Archana K.Roy & Dr.Ranjan Roy	Social Science
22	91973505	The analysis of meander cut-off mechanism for the formation of abandoned channels of Sankosh River in India	Darshan Chandra Barman & Sudip Kumar Bhattacharya	Social Science
23	72991918	The anthropogenic influence on river bed morphology: a case study in the lower basin of River Teesta, West Bengal, India	Dipankar Das & Prof. Ranjan Roy	Social Science
24	86596854	Behavioural perspectives of the Dwellers after Enclave Exchange: A Psycho- geographical Study of Dasiyarchara Territory of Bangladesh	Anup Sen	Social Science
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26	80635712	Changing Demographic characteristics of Class I Statutory towns in North Bengal	Purbasha Paul & Dr. Arindam Basak	Social Science
27	66638243	Impact of Male Labour Circulation on Child Education: A Case Study of Cooch Behar District in West Bengal	Ashok Sarkar	Social Science
28	96511826	Road Traffic Congestion and its Detrimental Impact on Environment of Siliguri City: A Geo-Environmental Perspective	Dr. Indrajit Roy Chowdhury	Social Science
1	16755642	A Study Of SU(3) Flavour Symmetry Constraints For Vacuum And In-Medium Baryon-Baryon Interactions	¹ Madhumita Dhar * and ² Horst Lenske,	Physics
2	24861427	Dynamic modeling for Mountain Weather Forecasting in the Himalaya	Tanmay Dhar	Physics
3	94814178	Crystal structure of novel mesogen	Tanmay choudhury ^a , Sakuntala gupta ^b	Physics
4	99932708	Thermotropic Liquid crystal-An overview	Purna Chandra Barman	Physics

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6	39670670	Science and Technology in Women Empowerment	Suchismita Maiti	Physics
7	18440507	Analytical model of an anisotropic compact object of embedding class one type satisfying Karmakar condition	Shyam Das*	Physics
8	62848726	Superconductivity And Its Applicability: Past, Present And Tomorrow	Sayani Ghosh ^{1,2} , Keshav Aggarwal ^{1,2} , Soumya Majumder ^{1,2} , Naushad Alam ^{1,2} , Shreya ^{1,2} , Deepshikha Roy ^{1,2} and Sanjib Bhattacharya ^{2,*}	Physics
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10	27444302	Green Luminescence Properties of Cadmium Sulphide (CdS) Quantum dots encased by PVP matrix	¹ Nikita Ghosh*, ² Dipankar Chakdar, ¹ Prabir Kumar Haldar	Physics
11	28883067	Multilevel programming in a flexible and transparent Cu/ZnO/NiO/ITO bipolar resistive switching memory device	Prabir Kumar Haldar ¹ , Pranab Kumar Sarkar ² , Abubakkar Siddik ^{2@}	Physics
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14	47102590	Cosmic Ray Anisotropy for Few Gamma-Ray Flaring Blazars	¹ Prabir Banik*, ² Arunava Bhadra	Physics
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6	26855527	Sensory Motor Habit Loops in the Basal Ganglia	1 Angik Mukherjee* and 2 Souhardya Panda	Medical Science
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3	16664700	Antiproliferative and apoptotic cell death inducing effects of polar and highly nonpolar leaf extract fractions of Clerodendrum viscosum Vent.	Gobinda C. Roy, L. M. Kundu, R. Prasad, B. Koch, v	Zoology
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5	56783240	"Association of HLA-G 14-bp insertion/deletion and +3142G>C Genetic Polymorphisms in patients with Rheumatoid Arthritis".	Rajat Sarkar, Manoj Lama	Zoology
6	31375507	Study of Immunostimulatory properties of Drymeria diandra in murine model	Tamali Roy, Torisa Roy, Hadida Yasmin	Zoology
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15	20872527	Bird community structure in different forest habitats of Buxa Tiger Reserve, West Bengal, India.	Debashish Talukder	Zoology
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21	82391790	Ichthyofauna diversity Study of river Jaldhaka and Dudua	Aimun Basra, Jatindra Nath Bhakta	Zoology
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23	37670165	Restriction Profile and Genome Size of Nucleopolyhedrovirus Infecting Hyposidra talaca in Terai Region of Darjeeling Foothills	Ananya Das, Bappaditya Ghosh, Min Bahadur	Zoology
24	97357605	Codon & amino acid usage analysis among selected strains of Propionibacteria	Supriyo Ghosh, Bhargabi Sarkar, Hadida Yasmin, Arnab Sen	Zoology
25	19540047	ACCRETION PROFILE OF Chanda nama (Hamilton, 1822) AND Parambasis ranga (Hamilton, 1822) FROM THE BARPETA DISTRICT, ASSAM	Manoj Kumar Rajbongshi, Dr. Debashri Mondal	Zoology
26	76417883	A field survey on the gastrointestinal parasitic infections of domestic fowls of Cooch Behar	Rachita Saha, Manjil Gupta, Pradip Kumar Kar	Zoology

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27	88059792	Diversity and distribution of Spider fauna in and around Alipurduar College Campus, Alipurduar, West Bengal, India	Mrinal Ray, Reshmi Roy, Manjuri Aich	Zoology
28	69520047	Studies on the diversity and abundance of butterflies (Lepidoptera: Rhopalocera) fauna in and around Alipurduar college campus, Alipurduar, West Bengal, India.	Mrinal Ray, Sanjukta Paul, Moumita Ray, Rumali Barman, Partha Das, Alo Das, Subinoy Sarkar,	Zoology
29	19465190	Host Plant based variation in Fitness Traits, Insecticide Susceptibility and Major Detoxifying Enzymes' Activity in <i>Empoasca flavescens</i> Fabricius (Cicadellidae: Hemiptera), a sucking pest of tea from sub-Himalayan West Bengal, India	Dhiraj Saha	Zoology
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2	61973953	Carbon Accumulation And Partitioning In Foothill Forest Stands Of Eastern Himalaya	Subrata Das and Gopal Shukla Details	Agriculture-Fisheries
3	74743658	Documentation and Quantification of Phytodiversity and Carbon stock of Public Park and Institutional Land Vegetation of Cooch Behar Town, West Bengal	Vineeta, Ricky Pradhan, Gopal Shukla, Soumen Mitra, Biplov Ch. Sarkar, Abha Manohar, Mendup Tamang, Roman Chettri, Sumit Chakravarty	Agriculture-Fisheries
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6	42686308	Plant diversity and Ecosystem services in Homegarden of the Cooch Behar district, West Bengal, India	Biplov Chandra Sarkar, AbhaManohar K., Gopal Shukla and Nazir A. Pala	Agriculture-Fisheries
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15	55661386	Effect Of Weather Parameters On Egg Parasitization Of Yellow Stem Borer And Leaf Folder Of Rice	Shriti Moses, A.K. Misra, Deepak Ranjan Kishor and Pankaj Kumar	Agriculture-Fisheries

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17	50481494	Studies on different arthropod pests of honeybee (<i>Apis mellifera</i> Linn.) at sub-Himalayan foot hills of West Bengal	Sibananda Singha, Suraj Sarkar, Riju Nath and Nripendra Laskar	Agriculture-Fisheries
18	50749206	Evaluation of turmeric germplasms for yield and resistance to foliar diseases in Terai Region of West Bengal, India	A. Debnath, S. Datta and S. Chakroborty	Agriculture-Fisheries
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22	82021271	<i>Podontia quatuordecimpunctata</i> (Chrysomlidae, Coleoptera): A severe pest of in Hog plum (<i>Spondias</i> sp) under Terai region of West Bengal	Moulita Chatterjee, Debanjan Chakraborty* and Amarendra Nath Dey Details	Agriculture-Fisheries
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26	44914814	Population Dynamics and Economic Threshold for <i>Spilosoma obliqua</i> Walker on Sesame Cultivars	Nayan Roy	Agriculture-Fisheries
27	68079514	Host Mediated Differential Quorum Sensing for Enhanced Clonal Propagation of Aphid in Myzus-Arabidopsis Plant Interaction	Kumaresh Dasgupta, Siddhartha Shankar Sharma, Bablu Paul, Moumita Mallick, and Hossain Ali Mondal	Agriculture-Fisheries
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29	19661003	LEDs on Food Quality, Nutrition and Safety	i Jinnamu Aresh ,Prodyut Kr. Paul and M.P.Devi	Agriculture-Fisheries
30	86555197	Soil Arthropod Fauna: Composition, Ecology and Role in Soil Fertility	Bhaskar Paul and Dhiraj Saha Details	Agriculture-Fisheries
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34	66965555	Bio-efficacy and phytotoxicity analysis of Myclobutanil 10% WP against Die back and Leaf spot disease of Chilli	Yeluru Mohan Babu, SusmitaJha and Sekhar Bandyopadhyay	Agriculture-Fisheries
35	27602267	Above Ground Node- A promising alternative for mass clonal propagation of an endangered medicinal plant, <i>Valeriana jatamansi</i>	Siddhartha Shankar Sharma, Pratik Saha, Bablu Paul and Hossain Ali Monda Details	Agriculture-Fisheries
36	86145722	Rapid clonal propagation in non-tissue cultural approach- a cheaper alternative for mass multiplication in <i>Stevia rebaudiana</i> (Bert.)	Kasireddy Sivasankarreddy, Bablu Paul, Siddhartha Shankar Sharma, and Hossain Ali Mondal	Agriculture-Fisheries

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38	92666151	Field efficacy of some different Plant Products against Gundhi bug in local Rice cultivar (Tulaipanji)	Tapas Kumar Hembram, Md. Ali Azgar and Tapamay Dhar Details	Agriculture-Fisheries
39	50829502	Standardization of Effective Doses of Gamma Irradiation for Mutagenesis in Red Gram (<i>Cajanus cajan</i> L.) Seeds.	Debajyoti Basak , Sahanob Nath and Utpal Roy	Agriculture-Fisheries
40	93417072	Population dynamics of aphid (<i>Lipaphis erysimi</i> Kalt.) and their natural enemies in mustard under Terai region of West Bengal	Atanu Maji , Suprakash Pal , Shyamal Kumar Sahoo and Moulita Chatterjee Details	Agriculture-Fisheries
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42	63314914	Estimation of genetic diversity for yield and quality traits of brinjal land races in Terai zone of West Bengal	Aparajita Das and Arup Sarkar	Agriculture-Fisheries
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44	53871377	Role of Microbial Holobiont in Host mediated Aphid Clonal Propagation	Moumita Mallick, Siddhartha Shankar Sharma, Bablu Paul and Hossain Ali Mondal	Agriculture-Fisheries
45	51884770	Morphological And Physiological Characterization Of Chilli Anthracnose Pathogen	Dharmendra Reang, S. Khalko, Raina Saha, A. Debnath	Agriculture-Fisheries
46	79689903	Opportunity of processed product development from the underutilized tuber crops of North Bengal	Ankita Debnath and Ranjit Chatterjee	Agriculture-Fisheries
47	32073709	An ecofriendly method of insect pest management	Nilu Limboo and Dhiraj Saha	Agriculture-Fisheries
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54	17044388	Stability analysis of some mustard genotypes for yield and disease incidence under Terai Agro-climatic zone	Supratim Sadhu, Moumita Chakraborty, Suwendu Kumar Roy, Sanghamitra Rout, and Bijaya Sur	Agriculture-Fisheries
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57	33098820	Field efficacy study of Abamectin 1.9% EC against red spider mites of tomato in comparison to standard check	Nripendra Laskar, Sibananda Singha, Suraj Sarkar and Riju Nath	Agriculture-Fisheries
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65	50904299	Conservation of Endangered Citrus Species- Citrus jambhiri Lush and Citrus aurantifolia (Lime) using Biotechnological Tools	Priyanka Sharma, Bidhan Roy	Agriculture-Fisheries
66	27264252	Analysis of rhizome color content, phytochemical profiling, ex-situ conservation and distribution of turmeric genotypes (<i>Curcuma longa</i> L.) from Sub-Himalayan terai region of India	Sayan Chowdhury, Kumaresn Pal, Nandita Sahana, Sudip Kumar Dutta, Soumendra Chakraborty, Moumita Chakraborty, Goutam Kr. Pandit, Prithusayak Mondal, Prodyut Kumar Paul, Biswajit Moimundar and Somnath	Agriculture-Fisheries
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69	24020317	Effect of Photoperiodism on Seed Setting of Indigenous Cultivars of Rice (<i>Oryza sativa</i> L.)	Monish Roy, Bidhan Roy	Agriculture-Fisheries
70	78376144	Role of Self Help Groups in Small Tea Growing Enterprise	Litan Das, Avrajyoti Ghosh, Subhrajyoti Panda and P.K. Pal	Agriculture-Fisheries
71	30904091	Ethno Medicinal Use Of Plant Resources- A Review	Safal Rai and Sangay Golay	Agriculture-Fisheries
72	65270806	Resilience of wheat genotype UBW-9 to spot blotch disease	Nivedita Chattopadhyay, Ayon Roy, P. M. Bhattacharya and ApurbaChowdhury	Agriculture-Fisheries
1	90488426	Assessment of Potential Environmental Impact (PEI) of Municipal Solid Waste (MSW) Management System using Life Cycle Assessment (LCA) Methodology	¹ Samir Das*, ² Dr. Amit Dutta, ³ Prof. Shibnath Chakraborty	Engineering
2	89862920	Harnessing fungal enzymes from discarded leather: a novel strategy for sustainable waste management	DebosmitaSikdar, Monim Ul Islam, Ivy Kanungo and Puja Ghosh	Engineering
3	32077929	Bifurcation phenomena for incompressible laminar flow in contraction channel to study coanda effect	¹ Sandip Saha*, ² Pankaj Biswas and ³ Sujit Nath	Engineering
4	64660468	Multi-Layered Geocell: The Future Of Soil Reinforcement	¹ Haradhan Sarkar*, ² Arghadeep Biswas	Engineering
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6	46267597	Electrical Conductivity Spectra And Current-Voltage Characteristics Of Some Of Chalcogenide Glassy Alloys	Anil Chamuah ^{1*} , Koyel Bhattacharya ² and Sanjib Bhattacharya ¹	Engineering
7	33742982	Differentiating Ragas Based on Their Melodic Movement Using Fractals	¹ Moujhuri Patra*, ² Sirshendu Sekhar Ghosh	Engineering
8	75615581	An Experimental Study on Electrical Discharge Machining process parameters optimization based on RSM method	¹ Dipanjn Dey*, ² Nripen Mondaland ³ Madhab Chandra Mandal	Engineering
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