



# 7<sup>th</sup> Regional Science & Technology Congress 2024-25

**Region-3**

**Jointly Organized By**

**Rampurhat College  
&**

**Department of Science &  
Technology and  
Biotechnology**

**Government of West Bengal**

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Sl. No.	Theme	Day wise distribution of paper presentation	No. of abstracts selected
1	Physical Sciences	10/01/2024 (All)	19
2	Chemical Sciences	11/01/2024 (All)	12
3	Statistics, Mathematical Sciences, IT and its Applications	11/01/2024 (All)	15
4	Engineering Science and Technology	10/01/2024 (Sl. No. 1-12)	24
		11/01/2024 (Sl. No. 13-24)	
5	Earth Sciences including Geoinformatics and Hydrogeology	10/01/2024 (All)	15
6	Botany	10/01/2024 (Sl. No. 1-14)	28
		11/01/2024 (Sl. No. 15-28)	
7	Zoology	10/01/2024 (Sl. No. 1-12)	25
		11/01/2024 (Sl. No. 13-25)	
8	Biotechnology	11/01/2024 (All)	17
9	Physiology and Medical Sciences including Forensic Sciences	10/01/2024 (Sl. No. 1-13)	26
		11/01/2024 (Sl. No. 14-26)	
10	Environmental Sciences including Climate Change	10/01/2024 (Sl. No. 1-12)	24
		11/01/2024 (Sl. No. 13-24)	
11	Agriculture, Horticulture, Fisheries and Veterinary Sciences	10/01/2024 (Sl. No. 1-13)	26
		11/01/2024 (Sl. No. 14-26)	
12	Focal Theme: Applications of Emerging Technologies including AI/ML in Sustainable Development	10/01/2024 (All)	14



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### Discipline 1: Physical Science

Sl No	ID	Principal Author	Designation	Affiliation	Title of Paper
1	030947	Dr Monoj Das	Assistant Professor	Gushkara Mahavidyalaya	Structural and Electronic Characteristics of Zig-Zag Cdse Nanotubes: A Density Functional Study
2	021512	Ayan Dey	Research Scholar	The University of Burdwan	Frequency Encoded Manchester Data Using Photonic Band Gap (Pbg) Crystal
3	050704	Chandra Narayan Bairagya	Owner	Chandra Scientific Research Centre	Multistep Magnifier Based Mini Microscope Monocular Vision Transferred on The LCD Monitor of Camera
4	015231	Dr Tamal Sarkar	Assistant Professor	Rampurhat College	Enhanced Adsorption of Methylene Blue And Heavy Metal Ion Using New Chitosan-Silica-Tio <sub>2</sub> Nanocomposite Gel
5	092727	Tuya Dey	Research Scholar	Visva-Bharati	Two Dimensional Scte2 Nanosheet As Efficient Electrode Material For Sodium-Ion Batteries Using Density Functional Theory
6	122842	Mir Nadim Sarfaraj	Research Scholar	The University of Burdwan	All-Optical QFSK Demodulator Using Photonic Crystal
7	021942	Chitrak Sarkar	Research Scholar	The University of Burdwan	Dynamical Analysis: A Comprehensive Method of Visualization of Early Cosmological Inflation in Phase Space
8	085021	Debtanu Ghosh	State Aided College Teacher	Vivekananda Mahavidyalaya	Correlation of Dislocation Substructure in Cold-Rolled Aluminium Determined Using X-Ray Diffraction Peak Profile Analysis With Numerical Dislocation Density Calculation
9	013323	Agniswar Mukherjee	Student	The University of Burdwan	Superfast Optical Switching Elements
10	041227	Amit Kumar Das	Research Scholar	Bankura University	Burst Modulation By Transcriptional Reinitiation in Stochastic Gene Expression
11	113552	Swarup Kumar Neogi	Assistant Professor	Sambhu Nath College Labpur Birbhum	Effect of Annealing Temperature Treatment and MG Substitution on Structure, Optical and Magnetic Property Study of Co <sub>1</sub> -Xmgxfe <sub>2</sub> o <sub>4</sub> Nanoparticles
12	113724	Malayendu Saha	Assistant Professor	Rampurhat College	Analysis of Quantum Computing and Its Sustainable Developments
13	011444	Prajna Mukherjee	Assistant Professor	Bolpur College	Density Functional Theory Study of Gas Molecules Inactivation Pathway on Pristine Germanene Nanosheet

14	<b>080314</b>	Sudin Singh	Assistant Professor	Bolpur College	on The Rényi And Tsallis Entropies of 2p Orbital Helium Atom
15	<b>112700</b>	Wasim Raja	Research Scholar	Seacom Skills University	Light Nuclei Production Mechanisms in Relativistic Heavy Ion Collisions
16	<b>064058</b>	Subhadip Paul	Research Scholar	Kazi Nazrul University	Exotic Magnetoresistance And Photogeneration in Hybrid Inorganic-Organic-Based Ito/Co/C60/V(Tcne) <sub>2</sub> /C60/Co/Au Dual Spin Valve
17	<b>091559</b>	Rupam Ray	Student	Seacom Skills University	Effects of External Magnetic Field on Evolution of Hadrons And Nuclei
18	<b>110819</b>	Amit Chandra Das	Assistant Professor	Turku Hansda Lapsa Hemram Mahavidyalay	Electromagnetic Energy Harvesting: Metamaterial Design And Analysis
19	<b>112902</b>	Dr Kalan Mal	Associate Professor	Suri Vidyasagar College	Microwave Assisted Optical Switching in Inverted-Y Type Atomic System



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## Discipline 2: Chemical Science

Sl No	ID	Principal Author	Affiliation	Title of paper
1	024747	Dr. Debasish Kundu	Government General Degree College, Mangalkote, Purba Bardhaman	Nickel-Copper Dual Catalysed C-N Cross-Coupling of Sulfoximines: Access to Bio-active Natural Products
2	122815	Sanjib Kumar Bhar	Khalisani Mahavidyalaya, Chandannagar, Hooghly	Photocatalytic activity of Anatase- Titanium dioxide (TiO <sub>2</sub> ) Thin Film on TCO Glass Substrate and COD measurement of Natural Water Bodies
3	025244	Md Nure Sarif	Rampurhat College, Rampurhat, Birbhum	Source of Water by New Method
4	044518	Sahidul Islam	Krishnath College, Berhampore	Interactions of Triethylamine with 4-Fluorophenylacetylene in Solutions and Study of Exciplex Formation
5	114654	Wasefa Begum	The University of Burdwan	Vitamin-E Oil-in-Water Emulsion Stabilized with Acacia Concinna-Derived Saponin: Formulation, Characterization, and Antimicrobial Efficacy
6	031639	Chinmoy Mahapatra	Kazi Nazrul University, Asansol	A newly developed molecule for selective detection of explosive compound and formation of multifunctional logic Circuits
7	061000	Anita Das	Rampurhat College, Birbhum	The Radical and Polyradical Characters of Polycyclic Aromatic Hydrocarbons: a Theoretical Study
8	043442	Shrodha Mondal	Visva-Bharati University	CO-detecting torch using carbon nanodots
9	021902	Priya Karmakar	The University of Burdwan	The Catalytic Role of Anionic Micelles in Ce(IV)-Driven Phenylalanine Oxidation: Insights into Asymmetric Hydrophobic Effects
10	092441	Surya Sarkar	CSIR-Central Mechanical Engineering Research Institute	Corrosion mitigation with green inhibitors and prediction of inhibition efficiency using SVR machine learning: a comprehensive study
11	031005	Dr. Ujjwal Mandal	The University of Burdwan	Carbon Quantum Dots with Nitrogen Doping: A Versatile Tool for Mercury Detection and Antimicrobial Applications
12	062917	Arindam Ray	Visva-Bharati University	D-penicillamine-controlled aggregation-induced emissive Cu nanoparticles for the study of their antibiotic-sensing ability and bioactivity



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### Discipline 3: Statistics, Mathematical Sciences, IT and its Applications

SI No.	ID	Principal Author	Designation	Affiliation	Title of paper
1.	110215	Ritabrata Biswas	Assistant Professor,	The University of Burdwan	Spectroscopic Analysis of Several Galaxies at a Redshift where Matter Constituents of our Universe Remained no more Dominant
2.	083543	Subhajit Pal	Student,	The University of Burdwan	Constraining $f(Q)$ Gravity Free Parameters Using Monte Carlo Simulations: Reportraying the Late Time Cosmic Acceleration Properties
3.	085130	Dr. Soumita Kundu	Assistant Professor	Sister Nibedita Government General Degree College for Girls	Dual-channel supply chain in presence of a secondary market place
4.	082303	Soumitra Sarkar	Assistant Professor	Triveni Devi Bhalotia College	Sensitivity analysis in hybridized Casson nanofluid near a perforated Riga plate
5.	025128	Rudranil Sahu	Student	The University of Burdwan	Establishing Goldbach's Conjecture: A Hypothesis-Driven Approach to Utilize Isolated Primes into Even Sums
6.	111530	Chandan Senapati	Research Scholar	Visva Bharati	Phoneme Based ASR for Kudmali Language with Phonetic Mapping to Bengali Script
7.	113006	Shounak Roy	Student	The University of Burdwan	Cassava leaf disease
8.	064011	Joyeta Chandra	Research Scholar	The University of Burdwan	Studies of models are used in Stock market using Sentiment Analysis
9.	111433	Dalbinder Kour	Assistant Professor	Banwarilal Bhalotia College	Goal Programming Approach to Sustainable Development Model
10.	052404	Supriya Maity	State Aided College Teacher	Lalbaba College	A Study of Covering Properties via $m_5$ -open Sets
11.	060258	Arpan Bhattacharya	Research Scholar	The University of Burdwan	Extremity in Neutron Star Mass Limit: A Gravitational Wave Perspective
12.	091057	Haradhan Mardi	Assistant Professor	Suri Vidyasagar College	Dimensionality Reduction for Single-Cell RNA-seq: A Method Comparison

13.	<b>023946</b>	Shreyashi Roy	Student	The University of Burdwan	Phase Portrait Analysis for Interacting Dark energy and Dark Matter Model: Evolving Universe
14.	<b>024031</b>	Subrata Paul	Lecturer	Arambagh Govt. Polytechnic	Study of Fractional Order Calculus and its Application to Epidemic Models
15.	<b>043209</b>	Sudipta Sinha	Associate Professor	Burdwan Raj College	Statistical Patterns in Finance: Analyzing Nifty 50 Stocks in Relation to Benford's Law



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### Discipline 4: Engineering Science and Technology

Sl No.	ID	Principal Author	Designation	Affiliation	Title of paper
1	010902	Ayan Dey	Research Scholar	The University of Burdwan	Implementation of Polarization Encoded Quantum Optical Latch Using SOA
2	111019	Abhinaba Jash	Student	University Institute of Technology	I-SoLace: Bridging Communication Gaps Through Real-Time Translation of Spoken Language into Indian Sign Language
3	112230	Abhiroop Chatterjee	PhD Scholar	Jadavpur University	PerspexNet: A Multi-View Neural Architecture with Pixel Rolling and Joint Feature Learning
4	114248	Aishik Ghorai	Student	University Institute of Technology	Savitr-AI: A Novel Dynamic AI-Driven Postal Delivery System
5	101005	Anurag Majumdar	Student	Paschim Kadipur Jr High School	Human Security Alert and Rescue Management System [Rudralabhyam (RL) System]
6	125011	Ashika Jaiswal	Student	Durgapur Institute of Advanced Technology and Management	Development & Optimization of a Responsive MERN App
7	044309	Avishek Chakraborty	Assistant Professor	Academy of Technology	An Innovative MCGDM Model to Detect the Best Online Travel-Management Provider under Spherical Linguistic Arena
8	033512	Ayush Kushwaha	Student	Bengal College of Engineering and Technology	Student Attainment Management System
9	043511	Purba Banerjee	Research Scholar	Visva Bharati	Optimized Parkinson's Disease Identification Through Gait Patterns and Keystroke Dynamics Using Imbalanced Ensemble Learning Techniques
10	011216	Bikash Dutta	Student	University Institute of Technology	A Decentralized Voting System with Iris-Based Authentication
11	043158	Debjyoti Ghosh	Research Scholar	Visva Bharati	Human Gait Identification from Smart Device Data



12	115526	Dr Tanmoy Singha	DEAN Academic	Asansol Institute of Engineering And Management Polytechnic	An Approach to Fitness Based Adaptation Differential Evolution Optimization Technique for data clustering based on fitness function
13	103115	Guru Prasad Ray	Student	Jalpaiguri Government Engineering College	Ion Thrusters: The Future of Next Generation Spacecrafts
14	034809	Kazi Afif Anan	Student	University Institute of Technology	RAILSENSE: Real-time Acoustic Intelligent Locomotive Safety & Enhanced Network System Environment
15	104014	Mintu Ghosh	Assistant Professor	Bengal College of Engineering and Technology	Angular Motion Tracking of Solar Panel by Low Cost Electric Actuator with PID Controller
16	044711	Paromita De	Research Scholar	National Institute of Technology Durgapur	Design of all optical synaptic neuron using photonic band gap crystal
17	114427	Prince Banerjee	Student	University Institute of Technology	AttendEase: Enhancing Classroom Management with Location-Based Attendance and Automation
18	042659	Rounak Biswas	Research Scholar	Visva Bharati	Quantum-Powered Passwords: Bridging Inherent Randomness and Password Generation for Enhanced Online Security
19	075902	Shreya Rani	Student	Bengal College of Engineering and Technology, Durgapur	Development of a Task Management Tool for Optimized Meal Planning and Nutritional Tracking
20	112444	Subhasis Datta	Assistant Professor	Dr. B. C. Roy Engineering College	Blockchain-Enabled Internet of Things for Efficient Construction and Demolition Waste Management: A Framework for Industry 5.0
21	112725	Subhendu Singh	Student	Bengal College of Engineering and Technology	Decentralized Migrant Laborers Management System (DMLMS)
22	033423	Sumanta Karmakar	Assistant Professor	Asansol Engineering College	Enhancing Retinal Image Quality through Advanced Filtering Techniques
23	114613	Tathagata Banerjee	Student	University Institute of Technology	GuardX: Extreme Driver Safety and Parking Guard
24	020644	Yunus Parvez Khan	Undergraduate Scholar	Southern New Hampshire University	Future of Quantum Communications: An Engineering Perspective of Building Robust Quantum Key Distribution Protocols



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### Discipline 5: Earth Sciences Including Geoinformatics and Hydrogeology

Sl. No.	ID	Principal Author	Designation	Affiliation	Title of Paper
1	085928	Piu Saha	Research Scholar	University of North Bengal	Integrated Drought Vulnerability Assessment Using GIS Based ANP in Rarh Region of West Bengal
2	100210	Asraful Alam	Assistant Professor	Rampurhat College	River Channel Migration And Bank Erosion of The Tista River and Its Impact on Riparian Dwellers in Sub-Himalayan West Bengal, India
3	042533	Ratan Pal	Research Scholar	The University of Burdwan	Deteriorating Soil Health: Erosion And Its Impact on Degrading Soil Fertility in The Silabati Basin, West Bengal
4	092702	Biplab Biswas	Professor of Geography	The University of Burdwan	Human Induced Rainfall-Runoff Modelling in Kolkata And Surrounding Region
5	072006	Barun Ghosh	Student	University of Gour Banga	Importance-Performance Analysis Framework For The Sustainable Management of Pondsapes: Integrating Ecosystem Services And Basic Needs
6	115925	Dr. Bhaswati Mondal	Assistant Professor	Rampurhat College	Assessment of Land Degradation Due To Stone Quarrying Using Rs And Gis: A Study Along The West Bengal – Jharkhand Border
7	044032	Shilpita Nandi	Student	Visva-Bharati	Geospatial Analysis of Land Surface Temperature Variations in Bolpur And Rampurhat
8	100955	Dr. Niladri Das	Assistant Professor	Hiralal Bhakat College	Beneath The Surface: Safeguarding Groundwater For Our Future of Birbhum District, West Bengal
9	104951	Kuntala Kundu	Student	Geoinformatics, Department of Remote Sensing	Earth Observation Data As Used For Crop Insurance
10	044308	Basudev Roy	Research Scholar	The University of Burdwan	Hydrogeomorphic Nature of Active Tidal Channels in The Active Delta of Indian Sundarbans
11	102427	Payel Mandal	Student	Durgapur Government College	Studies on Plant-Animal Interactions Present Within Glossopteris Leaf Fossils From The Barakar Formation, Damodar Basin, West Bengal
12	094155	Tanmoy Basu	State Aided College Teacher	Katwa College	Geospatial Analysis of Groundwater Potentiality And Utilization Pattern of Irrigation For The Agriculture Development in Puruliya District, West Bengal in India

13	<b>012155</b>	Shoubhanik Mitra	Junior Research Fellow	Indian Institute of Technology	Investigation of Balianala Landslide Using SAR Interferometry
14	<b>041832</b>	Sonu Hansda	Assistant Professor	University of Calcutta	Morphotectonic Characterization of The Karakoram Fault System: Integrated Remote Sensing And Dem Approach
15	<b>111730</b>	Susmita Monda	Independent Researcher	--	A Granulometric Study of Pebble Size Analysis in Selected Sample Sites Along The Upper Course of Kasai River, Purulia, West Bengal



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### Discipline 6: Botany

Sl No.	ID	Principal Author	Affiliation	Designation	Title of paper
1	120255	Ujjwal Layek	Rampurhat College	Assistant Professor	Wrong-Target Visits of Pollinators: A Newly Recognized Phenomenon on Bitter Gourd ( <i>Momordica Charantia</i> L.) And Assessing Its Impacts on Plant Reproduction
2	105414	Uday Das	Rampurhat College	Assistant Professor	Anato-Pharmacognostic And Preliminary Phytochemical Investigations of <i>Oxalis Corniculata</i> L. ( <i>Oxalidaceae</i> ): A Potent Medicinal Plant Used in Traditional Medicine
3	100045	Nasrin Parvin	The University of Burdwan	Research Scholar	Harnessing Rhizobacterial Exopolysaccharides To Mitigate Salinity Stress in Aromatic Rice Cultivars Gobinda Bhog And Badshah Bhog
4	021418	Santanu Gupta	Malda College	Assistant Professor	Artificial Neural Network: An Effective Tool To Harness The Growth Promotive Potency of Different Formulations From Biomass of Lesser Duckweeds ( <i>Lemna Minor</i> L.)
5	081029	Supriti Ghosh	Murshidabad University	Student	A Competitive Study on Phytochemicals & Antioxidant Profile in Different Solvent Extracts Between The Dual Rhizomes: <i>Zingiber Officinale</i> Roscoe And <i>Curcuma Longa</i> L.
6	101038	Subrata Mondal	The University of Burdwan	Research Student	Secrets Behind The Success of <i>Avicennia</i> in The Indian Sundarbans: Exploring Wood Anatomical Adaptations
7	120903	Abdul Aziz	Hooghly Mohsin College	Student	Study of The Potential Threat of Heavy Metal (Mercury, Hg) on Early Seedling Biology of Maize [ <i>Zea Mays</i> L. Var. 4226 (Hybrid Corn)] With An Effect of Chemo-Remediation
8	121850	Somenath Das	Burdwan Raj College	Assistant Professor	Entrapment of <i>Cymbopogon Citratus</i> (Dc.) Stapf. Essential Oil in Chitosan Nano-Matrix For Mitigation of Aflatoxins Induced Nutritional And Quality Deterioration of Post-Harvest Wheat Grains
9	104059	Rajendra Kr Roy	The University of Burdwan	UGC Senior Research Fellow	Ku04amp01 Eliminates Gram Negative Pathogens By Damaging Cellular Barrier And Genomic DNA

10	031312	Morali Biswas	Durgapur Government College	Research Scholar	Macrophytes Diversity And Ecological Health in Bakreswar Wetland Ecosystem
11	033834	Baishakhi Ghosh	University of North Bengal	Research Scholar	Mango ( <i>Mangifera Indica</i> L.) Leaf- A Potential Pool of Antioxidants: in Vitro Antioxidant Assay, Gc-Ms Analysis And Molecular Docking
12	051717	Smriti Pramanik	Visva Bharati	Assistant Teacher	Characterization of Rice Phyllosphere-Associated Bacteria With Biocontrolling And Plant-Growth Promoting Activities
13	050455	Arijit Kundu	Vidyasagar University	Research Scholar	Floral Biology And Pollination Ecology of <i>Justicia Gendarussa</i> Burm. F. (Acanthaceae): An Assessment of Pollination Deficit
14	074326	Sandipa Saha	Kazi Nazrul University	Research Scholar	Medicinal Use of Local Vegetation of Three Blocks of Bankura District
15	112127	Bijoy Konai	The University of Burdwan	Student	Study of General Response of Plants To Salinity Stress Using <i>Trigonella Foenum-Graecum</i> L.: A Morphological, Biochemical And Cytological Investigation
16	091118	Nisha Das	Rampurhat College	Student	Impact of Stomatal Density, Index, And Morphology on Ecological Grouping of Few Plants in Lateritic Belt
17	025149	Dr Nisith Ranjan Sarkar	Burdwan Raj College	Assistant Professor	Indigenous Ethno-Botanical Knowledge of Tribal People Around Ganpur Forest, Birbhum, West Bengal, India: An Overview And Conservation Strategies
18	051519	Syed Rumman Alam	Aliah University	Newtown Kolkata	Node Date Estimation of Diversified Species From Cryptogams To Phanerogams Based on Molecular Markers (Matk And Rbcl) Using Bayesian Analysis
19	082555	Ashutosh Kabiraj	The University of Burdwan	Research Scholar	Impacts of Two Bacterial Strains in Rice Seedlings' Growth Enhancement Under Arsenic Stress
20	084340	Debajyoti Saha	Visva Bharati	Post Graduate	Diversity Meets Remediation: Microalgae And Physicochemical Synergies in The Ponds of Santiniketan
21	091950	Dr Moumita Basu	Kalna College	State Aided College Teacher Sact I	"Rasayana Drugs From The Flora of West Bengal: A Scientific Exploration of Their Medicinal Values"
22	094453	Anirbandeep Das	The University of Burdwan	Student	An Observation of The Medicinal Plants Used By The Local People of Rampurhat Subdivision, Birbhum District, West Bengal, India
23	103045	Subarna Mandal	Visva-Bharati	Student	Study Pharmaceutical Attributes of Herbal Tea: Treating Diseases And Pains Without Medicine – An Overview

24	103521	Arnab Goswami	The University of Burdwan	State Fund Junior Research Fellow	Insight Into the Bryoflora of Three Districts of South Bengal
25	105750	Lakshmi Mudi	The University of Burdwan	Student	Typification: A Way of New Species Discovery
26	105519	Nurtaj Khatun	Rampurhat College	Student	A Review of An Invasive Weed Parthenium Hysterophorus L. (Asteraceae) And Its Impact on The Environment
27	125507	Dr Priyanka Chakraborty	Asansol Girls College	Assistant Professor	Enumeration of the Beneficial Effects of Ga <sub>3</sub> on Modulation of Seed Hardening Procedure
28	042228	Saikat Mandal	Visva Bharati	Research Scholar	Effect of PGRS on Aseptic Growth Potential of A Perennial Herb: Drimiopsis Kirkii Baker



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### Discipline 7: Zoology

Sl No	ID	Principal Author	Designation	Affiliation	Title of paper
1	043906	Koushik Kumar Dey	Research Scholar	Visva-Bharati	Chronic exposure to lead causes neurotoxicity by generating oxidative stress and inducing DNA damages in zebrafish brain: involvement of Nrf2-Keap1 regulation and DNA repair pathways
2	062850	Sreejata Kamila	Research Scholar	Visva-Bharati	Mixture of arsenic and chromium induces erythrocytic nuclear abnormalities and alters the expression of DNA repair, tumor suppressor and apoptotic genes in liver of zebrafish
3	082035	Nasima Sultana	Research Scholar	The University of Burdwan	Association of ADRB2 Gene Polymorphic Variant G46A (rs1042713) With Chronic Obstructive Pulmonary Disease Between Smoker And Non-Smoker Patients From West Bengal
4	123310	Neha Chowdhury	Research Scholar	M. U. C. Women's College	Angoumois grain moth, <i>Sitotroga cerealella</i> (Olivier): Bioecology and Management
5	044217	Dr. Anindita Goswami	Assistant Professor	Adamas University	Exploring Genetic Heritage and Microbial Diversity in Tribal Societies: Lifestyles and Health
6	050217	Jit Marick	Research Scholar	The University of Burdwan	Past, Present and Future: Fish parasitology, Evolution and a Unique Tapeworm
7	055400	Bratatee Sardar	Research Scholar	M. U. C. Women's College	Influence of host diversity on the ecology and control of the Oriental fruit fly <i>Bactrocera dorsalis</i> (Hendel) (Diptera: Tephritidae)
8	120241	Koushik Jana	Student	Kazi Nazrul University	Larvicidal Effect of Crude Extract and Silver Nanoparticles Derived from <i>Ficus virens</i> against <i>Aedes albopictus</i>
9	010451	Rohini Nandi	Research Scholar	Central Drug Research Institute	Plasmodium sporozoite invasion protein (SIP) plays a critical role during sporozoite infection of the mammalian liver
10	013528	Ankita Chakraborty	Research Scholar	Kazi Nazrul University	Luteolin re-defined as a potent phyto-molecule against Metastatic Colon Carcinoma

11	<b>013900</b>	Suman Dasmodak	Research Scholar	Kazi Nazrul University	Assessment of the larvicidal effectiveness of silver nanoparticles synthesized from <i>Protium serratum</i> against the dengue vector - <i>Aedes albopictus</i>
12	<b>015350</b>	Subhranka Paramanik	Project JRF	Kazi Nazrul University	Critical circulating miRNAs related to pathogenesis and immunity in human filariasis: profiling and analysis of structure
13	<b>044857</b>	Nabanita Banerjee	Research Scholar	The University of Burdwan	Discrimination of two <i>Culicoides</i> spp. (Diptera: Ceratopogonidae), potent and possible BTB vectors within subgenus <i>Hoffmania</i> and assessment of sexual dimorphism using geometric morphometrics
14	<b>055654</b>	Upasana Sarkar	Research Scholar	The University of Burdwan	Beneath the Scales: Unveiling the Acanthocephalan <i>Pallisentis ophiocephali</i> (Thapar, 1930) Baylis, 1933 in Snakehead Hosts
15	<b>074003</b>	Medha Banerjee	Project Technical staff	Raja Peary Mohan College	Cell-Free DNA in Cardiac Hypertrophy: Mechanisms of Action and Implications for Heart Remodeling
16	<b>081038</b>	Ranjit Kapuri	Research Scholar	Rampurhat College	The larvivorous potentiality of <i>Mystus vittatus</i> against <i>Aedes aegypti</i> larvae
17	<b>084129</b>	Artha Mondal	Research Scholar	Raja Peary Mohan College	Circulating Cell-Free DNA (cfDNA) exaggerates mitochondrial damage to impair cardiomyocyte function during heart failure
18	<b>110846</b>	Dr. Sayantan Banerjee	Assistant Professor	Chandidas Mahavidyalaya	Revealing the Silent Genome: The Pivotal Function of lncRNAs in Cancer Treatment and Diagnosis
19	<b>022616</b>	Soumendu Bag	Project JRF	Visva-Bharati	Erlotinib Downregulates Lipid Accumulation, Inflammation in Pancreatic Islets and Improves Insulin Secretion in High Fat Induced Obese Mice
20	<b>121904</b>	Siddharta Das	Student	Rampurhat College	Assessment of Ichthyofaunal diversity and Seasonal abundance in Brahmani River, Birbhum, West Bengal, India
21	<b>103930</b>	Ria Das	Guest Lecturer	The University of Burdwan	Assessment of antibacterial activity of leaf extracts of <i>Crinum asiaticum</i> L. and against five gram negative fish pathogenic bacterial strains
22	<b>114803</b>	Sunanda Mukherjee	Research Scholar	Visva-Bharati	Gut microbiota disruption and subsequent oxidative stress in intestinal tissue of zebrafish after individual and simultaneous exposure to inorganic arsenic and fluoride



23	<a href="#">114839</a>	Olivia Sarkar	Research Scholar	Visva-Bharati	Individual and combined effects of lead and chromium in zebrafish organs at environmentally relevant concentrations
24	<a href="#">033622</a>	Shehnaz Islam	Research Scholar	Visva-Bharati	Prolonged low dose chromium (VI) exposure induces oxidative stress, apoptotic genes and epigenetic modification of DNA repair genes in liver of Swiss albino mice
25	<a href="#">032218</a>	Nandita Das	Research Scholar	Visva-Bharati	Understanding the Regulatory Mechanisms of FFA-Fetuin-A Mediated Inflammation and Intracellular Lipid Accumulation in Pancreatic Beta Cells



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### Discipline 8: Biotechnology

Sl No	ID	Principal Author	Designation	Affiliation	Title of Paper
1.	120539	Dr Sk Aftabul Alam	Assistant Professor	Netaji Mahavidyalaya	Oleanolic Acid: A Potent Phytochemical Targeting Ergosterol Biosynthesis Enzymes Erg4/Erg24 And Serine Protease in Phytophthora Infestans For Late Blight Management
2.	090711	Animesh Mondal	Assistant Professor	Government General Degree College Mangalkote	Structural Modification of Disorder Protein Alpha-Synuclein in Presence of Membrane Imitative Environment
3.	092648	Dr Alpana Mukhuty	Assistant Professor	Rampurhat College	Targeting High-Fat Diet Mediated Lipotoxicity With The Natural Flavonoid Kaempferol, To Promote Function And Survival in Pancreatic B-Cells
4.	082411	Sucheta Mandal	Assistant Professor	Banwarilal Bhalotia College	Potential Role of Lactic Acid Bacteria For Controlling Mould Growth And Mycotoxin Production
5.	084432	Subhranil Bhattacharjee	Student	Dr Bc Roy Academy of Professional Courses	Revolutionizing Medicine : The Power of Nano Biotechnology in Precision Drug Delivery
6.	101036	Sashikanta De	Student	Dr B C Roy Academy of Professional Courses	Beet Breaks The Hills
7.	112138	Sayantika Halder	Student	The University of Burdwan	Genomic Analysis of Staphylococcus Hominis Across Multiple Isolation Sources
8.	012700	Shrabani Mondal	Scholar	The University of Burdwan	Callus Induction of Trigonella Foenum-Graecum And Elicitation of Trigonelline By Using Methyl Jasmonate
9.	041018	Niladyuti Ghosh	Phd Scholar	Maulana Abul Kalam Azad University of Technology West Bengal	Bio-Conversion of Fruit Pomace Into Butyrate As Component of Circular Bio-Economy
10.	073746	Alokesh Das	Assistant Professor	Rampurhat College	Microbial Community Analysis of Sundarbans Mangrove Marine Water Samples Through Metagenomic Approach
11.	092044	Rahul Naga	Senior Research Scholar	National Institute of Technology Durgapur	Targeting Mmp12: A Ml Based Multilayered Screening And

					Molecular Dynamics Approach To Discover Potential Inhibitors With Therapeutic Promise
12.	<b>103607</b>	Shruti Gupta	Student	National Institute of Technology Durgapur	Cardiovascular Diseases: Drug Prioritisation For Causative Gene Target Landscape
13.	<b>120456</b>	Swati Maiti	Assistant Professor	Haldia Institute of Technology And Kabi Nazrul College	Detoxification And Generation of Bio-Electricity From Wastewater Using Microbial Fuel Cell (Mfc)
14.	<b>110236</b>	Manasi Mondal	Phd Student of Biotechnology Department	Visva Bharati	Physiological, Biochemical And Ssr-Based Genetic Profiling of Selected Rice Lines Under Varied Combinations of Salt And Submergence
15.	<b>120830</b>	Dip Pal	Junior Research Fellow	Visva Bharati University	Salt Tolerance in Rice: Physio-Biochemical And Molecular Approach
16.	<b>060228</b>	Chitra Chatterjee	Research Scholar	Visva Bharati	Differential Expression of Long Non-Coding Rnas in Phaseolus Vulgaris Post-Mungbean Yellow Mosaic India Virus (Mymiv)
17.	<b>065817</b>	Pinkan Sadhukhan	Research Scholar	National Institute of Technology Durgapur	Comparative Analysis of Two Noble Winning Protein Structure Prediction Methods To Design Major Shigella Invasins As Protective Immunogens Against Bacillary Dysentery



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### Discipline 9: Physiology and Medical Sciences including Forensic Sciences

Sl No	ID	Principal Author	Designation	Affiliation	Title of paper
1	104146	Amarnath Prasad	Clinical Tutor Prosthetics and Orthotics	National Institute for Locomotor Disabilities (Divyangjan)	Comparative Study Between Foot Abduction Splint (Boot and Bar Type) and Dynamic Torsion KAFO in Subjects with Idiopathic CTEV
2	084254	Aniket Singh	Assistant Professor	Syamsundar College,	Larvicidal, pupicidal and repellence efficacies of <i>Barleria lupulina</i> (Acanthaceae) against vector of dengue <i>Aedes aegypti</i> L.
3	122544	Atanu Saha	Assistant Professor	Sister Nibedita Government General Degree College for Girl	Enhancing Occupational Health and Well-Being of Traffic Police Officers: Addressing Environmental, Psychosocial and Physiological Risks
4	093103	Bani Bala	Student	Hooghly Mohsin College	Rhodium as an Anticancer as well as Carcinogenic - A Controversial Truth
5	124126	Jaydeep Dey	State Aided College Teacher	M.U.C. Women's College	Episode of Homeopathic Medicine Treatments' Edge: A Recent Study done with the Internet Application
6	090022	Kanchan Mukherjee	Research Scholar	University of Calcutta	Can Music subdue Pain?
7	094527	Mamani Karjee	Student	Hooghly Mohsin College	Role of paneth cell in antimicrobial activity through secretion of antimicrobial peptide
8	052215	Ankita Gon	Assistant Professor	Adamas University	Exploring the Antibiotic Susceptibility Patterns of Microorganisms Isolated from Human Stool Samples
9	023024	Najmin Parbin	Student	M.U.C. Women's College	Online Telepsychiatric Healthcare Systems' Security Reinforcement: Neural Session Key Generation through Soft Computing
10	084102	Priyanka Ghosh	Research Scholar	Serampore College,	Gonadotropin ratios and its implications in gallstone susceptibility: a cross sectional study
11	044749	Pronisha Biswas	Student	Serampore College, 9 William Carey Road, Serampore, Hooghly- 712201, West Bengal, India	The Gut-Ovary Connection: Exploring the Role of Gut Microbiota in Polycystic Ovarian Syndrome (PCOS)

12	<a href="#">092347</a>	Rajarshi Paul	Research Scholar	Serampore College	Investigation on the occupational health hazards through Biomechanical Study on the Working Upper Limbs of Manual Handloom weavers in Hooghly District
13	<a href="#">111813</a>	Rajen Dey	Assistant Professor	Swami Vivekananda University,	Adjunctive Dexamethasone Treatment Heals Bacterial Brain Abscess via Potential Cross-Talking between TLR2 and Glucocorticoid Receptor
14	<a href="#">010645</a>	Sanchita Rakshit	Research Scholar	Hooghly Mohsin College	Impact of socioeconomic status and parental education on the incidence of hypertension among adolescent boys of West Bengal, India
15	<a href="#">061238</a>	Sangeeta Das	Research Scholar	Serampore College	Reversal of letrozole induced sex hormone imbalance and impaired follicle development upon treatment with ethanol extract of Alocasia indica tuber ethanolic extract in female Wistar rat
16	<a href="#">104620</a>	Shrestha Mohanta	Student	Serampore College	Harnessing CRISPR-Cas9: A New Frontier in the Treatment of Diabetes Mellitus
17	<a href="#">113740</a>	Sudip Dutta	Student	Hooghly Mohsin college	Choice the better, colour the food – a comparative study among three food colourants on isolated Intestinal motility of rat
18	<a href="#">120204</a>	Surya Mondal	Student	Dr B C Roy College of Pharmacy and Allied Health Sciences	Network Pharmacology Based Anti-hemorrhoidal Attributes of Bioactive Compounds from Holarrhena pubescens Stem Bark through Computational Approach
19	<a href="#">113158</a>	Taniya Mondal	Student	M.U.C. Women's College	Fortifying Secure Telemedicine System Guided by a Novel Soft Computing DNA Mechanism
20	<a href="#">081345</a>	Tiyesh Paul	Research Scholar	Serampore College	Unlocking the potential of MOTS-c in the insulin resistance during onset and progression of type 2 diabetes mellitus in the HFD/STZ mouse model
21	<a href="#">053355</a>	Torsha Ghosh	Student	Serampore College	Navigating the Interplay of Immunology and Metabolism: Fatty Liver Pathophysiology and Therapeutic Innovations
22	<a href="#">062229</a>	Urmimekhala Das	Research Scholar	Serampore College	Epidemiological and clinical investigation on lean type 2 diabetes mellitus in West Bengal: A cross-sectional study considering onset of diabetes duration
23	<a href="#">012023</a>	Utsav Dey	Student	Hooghly Mohsin College	Computational Analyses for identification of Candidate Genes Associated with UV induced Lymphocytes Cell damage

24	<b>060851</b>	Prithviraj Karak	Assistant Professor	Bankura Christian College,	Assessment of hematological alterations in burn patients: implications for clinical outcome
25	<b>090045</b>	Afsona Parveen	Assistant Professor	Durgapur Institute of Paramedical Science	Evaluation of staphylococcal infection in expectant mothers
26	<b>035704</b>	Priyanka Chakroborty	Assistant Professor	Rampurhat College	Neural Mechanisms of Impaired Attention in ADHD: Insights from EEG Band Alterations



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### Discipline 10: Environmental Sciences including Climate Change

Sl No	ID	Principal Author	Designation	Affiliation	Title of Paper
1.	065529	Sk Mohibul	Research Scholar	Jamia Millia Islamia	Assessing The Role of Wetlands in Ecosystem Services: A Valuation And Importance-Performance Analysis in Kolkata Metropolitan Area
2.	034700	Abhishikta Ghosh	Student	Visva Bharati	Impact of Idol Immersion
3	085649	Debojyoti Mishra	Research Scholar	The University of Burdwan	Application of Green Synthesized Seps From Croton Bonplandianus Towards Amelioration of Arsenic Toxicity in Oreochromis Mossambicus Through Dietary Exposure
4.	105855	Kamalesh Sen	State Aided College Teacher	Syamsundar College	Magnetic Functionalized Chitin Derived From Prawn Shells For Uranium (VI) And Arsenic (V) Adsorption: An Experimental And Modeling Study
5.	015122	Rajesh Koley	Research Scholar	The University of Burdwan	Management of Solid Waste Through Intervention of Calcium Oxide Nanoparticles Towards Safe Cultivation of Rice in Fluoride Contaminated Soil
6.	070251	Rajdeep Singha Roy	Student	University of Kalyani	Microplastics in Fish From The East Kolkata Wetlands And Adjacent Districts
7.	100333	Dr Basudeb Sarkar	Assistant Professor	Rampurhat College	Dichotomy Between Literature And Science: Contextualising The Rivers of Bengal
8.	121723	Moitri Let	Research Scholar	Burdwan University	Application of Urease-Mediated Biosynthetic Crystals For Defluoridation of Contaminated Groundwater
9.	011451	Susmita Roy	PG Student	The University of Burdwan	Assessment of Urban Heat Stress And Environmental Transformation: A Comprehensive Study Over Three Decades on Rampurhat I CD Block, Birbhum District, West Bengal
10.	025541	Prativa Joydhar	Research Scholar	The University of Burdwan	Screening of Multi-Metal Tolerating Ureolytic Bacteria For Biomineralization of Heavy Metals Using Microbially Induced Calcite Precipitation (MICP) Technique

11.	<b>030004</b>	Karuna Soren	Research Scholar	The University of Burdwan	Comparative Study of Bacterial Diversity of Mud Volcanoes Between Two Different Climates
12.	<b>045856</b>	Ayan Saha	Research Scholar	The University of Burdwan	Exploring Soil Quality in Agricultural Fields Affected By Coal Mining: A Case Study of Raniganj Block, West Bengal, India
13.	<b>060031</b>	Md Ekram Hossain	Pass Out Student	Aliah University	Plant Growth Responses of <i>Pistia Stratiotes L.</i> Under Lead-Contaminated Aquatic Environment
14.	<b>062400</b>	Raima Datta	Scholar	The University of Burdwan	Radioactive Element in Undergroundwater And It's Mitigation By Eco-Friendly Process
15.	<b>063857</b>	Sagarika Mukherjee	Research Scholar	Kazi Nazrul University	Early Removal of Immersed Idols As A Potential Sustainable Solution For Waterbody Pollution: A Case Study From Asansol
16.	<b>083926</b>	Sanchari Sarkar	Research Scholar	Durgapur Government College	Comprehensive Analysis of Pollution Levels in Durgapur: Focus on Air, Water, And Soil Quality
17.	<b>084920</b>	Sukhen Das	Research Scholar	National Institute of Technology	Design of A Novel Environment-Friendly Bioreactor For Carbon Capture & Utilization By Algal Cells
18.	<b>091756</b>	Ria Bhaumik Das	Research Scholar	The University of Burdwan	Searching of Potential Bio-Waste Towards Purification of Groundwater
19.	<b>102927</b>	Anuska Chakraborty	Post Graduate Student	The University of Burdwan	Bioremediation: Application in Various Fields And Study of Its Utilization in India
20.	<b>103627</b>	Saudarya Pramanik	Student	Bengal College of Engineering And Technology	AI-Powered Meteorology: Advancing Cloudburst Prediction To Mitigate Disasters
21.	<b>113207</b>	Arijit Rout	Research Scholar	Visva Bharati	Health Challenges in Changing Urban Environment
22.	<b>122058</b>	Debayan Gayen	Phd Research Scholar	Durgapur Government College	Future Habitat Projections Under Changing Climate For Indian Pangolins in West Bengal
23.	<b>063131</b>	Chandrani Fouzder	Research Scholar	Visva Bharati	Environmental And Economic Benefit of Sustainable Rice Straw Management For The Manufacture of Paper in Katna Village of West Bengal
24.	<b>102800</b>	Urmi Mondal	Pass Out Student	The University of Burdwan	Challenges And Solutions For Urban Solid Waste Management in Goda Ward, Burdwan Municipality Area





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### Discipline 11: Agriculture, Horticulture, Fisheries and Veterinary Science

Sl No	ID	Principal Author	Designation	Affiliation	Title of paper
1	010409	Dibyendu Acharya	Assistant professor	Burdwan university	Supplementation of Tamarindus indica Leaf Powder in a Bio-processed Plant Leaf Incorporated Diet Improved Growth, Antioxidant Status and Immunity in Rohu, Labeo rohita (Hamilton)
2	122214	Priyanka Chowdhury	Faculty of Fishery Sciences	West Bengal University of Animal and Fishery Sciences	Influence of Socio-economic and Psychological Characteristics of SHG Members on Empowerment of Tribal Women through Fisheries
3	105253	Dr. Koyel Mukherjee	SACT 1	Rampurhat college	An Assessment of Crop Suitability for Sustainable Agriculture and Economic Development in South Western part of Birbhum District Using Analytical Hierarchy Process (AHP)
4	072706	Debasish Banerjee	SACT 1	Rampurhat college	Agriculture and Spirituality in Vedic and Puranic Periods
5	103220	Dr.Surajit Let	Assistant professor	Krishna Chandra College	The Impact of Climate Change on Agriculture: A Global Perspective
6	115247	Sumit Sow	Ph.D scholar	<sup>1</sup> Department of Agronomy, Dr. Rajendra Prasad Central Agricultural University, Pusa, Bihar	Impact of Different Planting Materials and Integrated Nutrient Management on Performance, Fertilizer Use Efficiency and Profitability of Sugarcane
7	115204	Shouvik Gorai	Research scholar	Bidhan Chandra Krishi Viswavidyalaya	Exploring Genetic Resistance to Spot Blotch in Wheat: Phenotypic Evaluation and Marker-Trait Association
8	100823	Riya Pal	Assistant teacher	Burdwan University	Impact of Various Treatments on F <sub>1</sub> Hybrid Rice Seed Production Incorporating Heavy Metal Estimation and SEM Analysis
9	092252	HemantaSaha	Assistant professor	Suri vidyasagar college	Pollinators as Key Players in Modern Agriculture: A Path to Global Food Security
10	084317	Angana Das	Research scholar	Burdwan University	Sole and/or combined application of Onion bulb and Moringa leaves as prebiotics improved growth, metabolic function, gut microbiome and pathogen

					resistance in Rohu, Labeorohita(Hamilton)
11	<b>080944</b>	Sandipan Chatterjee	Assistant professor	Suri Vidyasagar College	Plant-based Strategies for Controlling Antibiotic-resistant Bacteria in Agriculture
12	<b>070841</b>	<sup>1</sup> Soumitra Halder	Research scholar	Visva-Bharati	A Novel Improved Artificial Hand Pollination Technique for Enhanced Yield in Pointed Gourd (Trichosanthes dioica Roxb.): A Collaborative Field Trial Approach
13	<b>045340</b>	Rakhi Mondal	Research scholar	Burdwan University	Industrial Pollution and Agricultural Soil Degradation: A Study from Paschim Bardhaman District of West Bengal, India
14	<b>042355</b>	Soma Biswas	Research Scholar	Burdwan University	Role of Farmers' Decision-making Behaviour in Agrarian Crisis: A Case Study in Labpur C.D. Block, Birbhum, West Bengal
15	<b>040715</b>	Sandip Kumar De	Facilitator Daesi	Rathindra Krishi Vigyan Kendra, Palli Siksha Bhavana (Institute of Agriculture)	Performance of Improved Varieties of Summer Pulses under FLD Programme in Lateritic belt of West Bengal
16	<b>031016</b>	Shouvik Pramanik	Research Scholar	Visva Bharati	Unlocking the nutraceutical and industrial value of microalgae from wetlands of West Bengal
17	<b>014646</b>	Dibyendu Khan	Research Scholar	Burdwan University	Harnessing seed endophytes for enhanced plant resilience and growth under environmental stress
18	<b>010721</b>	Moumita Roy	PhD Scholar	Visva Bharati University	Current trends and future prospects of AI and IoT-Based technologies for Sustainable Agricultural Production
19	<b>090808</b>	Dr. Rajyosree Roy	Assistant Professor	Rampurhat College	Studies on Micro-Mineral Status of Feeds and Fodder and Its Influence on Plasma Level of Cattle in Red Lateritic Zone of West Bengal, India
20	<b>032336</b>	Tapati Rudrapal	PhD Scholar	Visva Bharati University	Labour Division and Gender Roles in Rice Farming Systems: An Analytical Study
21	<b>122639</b>	Rahul Deb Mukherjee	Subject Matter Specialist	Cooch Behar Krishi Vigyan Kendra Uttar Banga Krishi Viswavidyalaya	Low cost hydroponic fodder production with non seed maize grains
22	<b>120909</b>	Basabadatta Sahu	PhD Scholar	Visva Bharati	Nutrient Density and Growth Dynamics: A Comparative Analysis of Microgreens species under Soilless media and Artificial light

23	<b>082136</b>	Rajdeep Shaw	Research Scholar	The University of Burdwan	Antarctic bacterial biopolymeric coating to extend the self-life of tomatofruit on post harvesting
24	<b>075254</b>	Sitesh Chatterjee	Entomologist	Rice Research Station Government of West Bengal Chinsurah	Harnessing Artificial Intelligence (AI): Pioneering a New Era of Sustainable Agriculture
25	<b>122423</b>	Madhumita Chowdhury	PhD Scholar	School of Planning and Architecture Bhopal	AquaCrop Modeling for Sustainable Crop Production in Alirajpur District: Strategies for Water Efficiency
26	<b>055648</b>	Brataatae Mondal	Student	Siksha O Anusandhan Deemed to be University	Anthracoze of Perennial Chilli in Kitchen Garden and its management



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## Discipline 12: Focal Theme: Applications of Emerging Technologies including AI/ML in Sustainable Development

Sl No	ID	Principal Author	Designation	Affiliation	Title of paper
1	054307	Dipanwita Saha	Assistant Professor	Hooghly Engineering and Technology College	Ecological Conservation and Biodiversity Assessment through Satellite Image Analysis
2	120113	Afia Karim	Student	University Institute of Technology	Skin-AI-Rise: AI-Driven Skin Solutions for Environmental Wellness
3	073853	Prity Kumari	Student	Asansol Engineering College	AI-Powered Computer Vision for Healthcare Diagnostics: Enhancing Early Detection and Treatment Accuracy
4	103358	Rishigopal Mondal	State Aided College Teacher	Burdwan MUC Womens College	The Convergence of AI and Mass Media in Promoting Sustainable Development: Opportunities, Challenges and Future Directions
5	074717	Soumitra Das	Student	The University of Burdwan	Endangered Species Monitoring Through Deep Learning Technique
6	095819	Dipanwita Mandal	Librarian	Suri Vidyasagar College	Revolutionizing Libraries: How AI and ML Tools Are Transforming Information Access
7	105757	Riya Dey	Student	Netaji Subhas Open University	Artificial Intelligence and Machine Learning for Achieving Sustainable Development Goals (SDG-4) for Transforming Inclusivity and Equity of Education
8	113054	Dhrubasish Sarkar	Professor and Principal	Supreme Institute of Management and Technology	Forecasting Renewable Energy Production in India: Integrating Stock Market Data with Time-Series Models for Sustainable Energy Transition
9	114906	Sumit Gupta	Assistant Professor	University Institute of Technology The University of Burdwan	ADVANTAGE: Accident Detection, Verification, Alertness Notification, Tracking & Authentication Guardian Entity

10	<b>115815</b>	Annesha Dubey	Student	Asansol Engineering College	Enhancing Transparency and Efficiency in Rice Supply Chains Through Blockchain Solutions
11	<b>043316</b>	Sandip Dutta	Research scholar	Visva Bharati	Integrating Gait and Keystroke Dynamics for Non-Invasive Parkinson's Disease Detection
12	<b>065521</b>	Suman Karmakar	Student	Dr B C Roy Engineering College Durgapur	AI-Enabled NPK Sensor System for Precision Floriculture
13	<b>110519</b>	Sayani Bosu	State Aided College Teacher	Burdwan Raj College	A Comparative Study of Multi-Criteria Decision-Making Model and Bivariate for Landslide Susceptibility Zonation of Khawzawl District of Mizoram, Northeast India
14	<b>113504</b>	Arpan Dawn	Junior Research Fellow	National Institute of Technology Durgapur	Reconstruction of Optical Imagery from Microwave Data: A Linear Regression-Based Framework