



EECH-PIRS 2026



Poster Presentation List and Guidelines

*International Conference on Emerging Environmental Challenges Jeopardizing Public Health:
Policy Interventions for Resilient Societies*

28–30 October 2026



“Healthy environment, healthy people, resilient future”

Department of Environmental Science, Central University of South Bihar (CUSB), Gaya

Guidelines for Poster Presentation:

1) The poster size is **90 cm wide by 120 cm high.**

Feet:

* Width: **2.95 feet** (approx. 2 feet 11.4 inches)

* Height: **3.94 feet** (approx. 3 feet 11.2 inches)

2) Poster must be prepared as per the format attached in the ppt file and the size is already set there.

3) You can make slight changes as per your requirement, but the Font, size, logo, theme, and headings must not be changed.

4) Please carefully mention your **Poster ID and respective theme in your poster (as per the list below)** for evaluation.

4) Text and Figures must be properly visible.

5) **Poster Printing:** The poster must be printed in the **requisite format and specified size on high-quality glossy flex (premium photo-quality/star-flex) sheet** to ensure **clear images, sharp text, and vibrant colour reproduction.** The presenter must bring the printed poster to the event. **Poster stands and pasting materials will be provided at the venue.**

6) Poster session will be for 2 hours and will be evaluated by the expert jury members.

7) All Poster presenters need to be present during the poster session for discussion with fellow participants, experts and jury members.

8) The best poster(s) will be awarded.

Organizing Committee

EECH-PIRS 2026

Department of Environmental Science

Central University of South Bihar (CUSB), Gaya

Registered Participants – Poster Presentations

Track 01. Air Pollution: Public Health Crises and Sustainable Techniques

Total poster presentations in this track: 5

S. No.	Final Abstract ID	Presenter Name(s)	Poster Title	Theme	Affiliation
1	EECH-PIRS-22/P/2026	Akhand Pratap Singh	Monitoring the Air We Breathe: Global Regulatory Frameworks, AQI Systems, and the Role of Low-Cost Sensors in Air Quality Assessment	Air Pollution: Public Health Crises and Sustainable Techniques	IIT (ISM) Dhanbad
2	EECH-PIRS-28/P/2026	PRIYANKA KUMARI	PM2.5 and Women Health: Emerging Health Risks and Policy Challenges- A Critical Narrative Review	Air Pollution: Public Health Crises and Sustainable Techniques	TEZPUR UNIVERSITY
3	EECH-PIRS-79/P/2026	Devendra Meghwal	Carbon Sequestration by Microalgae: A Sustainable Approach to Mitigate Air Pollution and Its Applications	Air Pollution: Public Health Crises and Sustainable Techniques	IIT ISM Dhanbad
4	EECH-PIRS-219/P/2026	Lisette Camen	CHEERS for Citizen Science: Designing an App-Based Intervention Linking Perceived Air Pollution, Health and Chemical Characterization toward Early Public Warning	Air Pollution: Public Health Crises and Sustainable Techniques	Linköping University, Linköping, Sweden
5	EECH-PIRS-22/V-P/2026	Jay Prakash Kumar	Comparative Absorption Angstrom Exponent (AAE) Analysis of Household Cooking Fuels in Eastern India: Spectral Light-Absorption Characteristics of LPG and Biomass based Fuels.	Air Pollution: Public Health Crises and Sustainable Techniques	Central University of South Bihar, Gaya

Registered Participants – Poster Presentations

Track 02. Biodiversity Loss, Ecosystem Degradation and One Health Approaches

Total poster presentations in this track: 16

S. No.	Final Abstract ID	Presenter Name(s)	Poster Title	Theme	Affiliation
1	EECH-PIRS-16/P/2026	Dr. Kumar Amit	Anthropogenic and Climate-Induced Ecosystem Degradation in the Middle Gangetic Floodplain: A Case Study of Bhojpur District, Bihar, India.	Biodiversity Loss, Ecosystem Degradation and One Health Approaches	Patna College, Patna University, Patna,
2	EECH-PIRS-48/P/2026	Satya Sinha	Study of Avian Diversity in Jai Prakash University Campus, Chapra, Bihar	Biodiversity Loss, Ecosystem Degradation and One Health Approaches	Jai Prakash University, Chapra
3	EECH-PIRS-53/P/2026	Tanuj Kumar Upadhyay	Mosquito Diversity in India	Biodiversity Loss, Ecosystem Degradation and One Health Approaches	Jai Prakash University Chapra
4	EECH-PIRS-68/P/2026	Goutam Kumar	Assessment of Physico-chemical parameters of surface water of Mangrove Ecosystem of Gulf of Kachchh, Gujarat, India.	Biodiversity Loss, Ecosystem Degradation and One Health Approaches	Veer Kunwar Singh University, Ara, Bihar, India
5	EECH-PIRS-73/P/2026	Aditya Kumar	Nematode Diversity Associated with Orthopteroid Insects of the Gayaji Region, Bihar	Biodiversity Loss, Ecosystem Degradation and One Health Approaches	Magadh University
6	EECH-PIRS-134/P/2026	Nayan Ranjan	Seasonal Variation in Digestive Helminth Parasites of Freshwater Carnivorous Fishes from Koshi River, Madhepura, Bihar	Biodiversity Loss, Ecosystem Degradation and One Health Approaches	Bhupendra Narayan Mandal University, Madhepura, Bihar
7	EECH-PIRS-181/P/2026	Archana Kumari	Diversity in Species of Migratory Birds and Challenges of their Conservation in Salim Ali Jubba Sahni Bird Sanctuary, Vaishali	Biodiversity Loss, Ecosystem Degradation and One Health Approaches	Jai Prakash University Chapra

S. No.	Final Abstract ID	Presenter Name(s)	Poster Title	Theme	Affiliation
8	EECH-PIRS-186/P/2026	Swati Sangam	Taxonomic Diversity and Habitat Distribution of Dicot Flora Kabartal Wetland, Bihar	Biodiversity Loss, Ecosystem Degradation and One Health Approaches	L N M U DARBHANGA, BIHAR, INDIA
9	EECH-PIRS-203/P/2026	Swikriti vaidh	Bio-activity and health benefits of cathranthus roseus on patients with coronary disease	Biodiversity Loss, Ecosystem Degradation and One Health Approaches	Rmv college
10	EECH-PIRS-204/P/2026	Iqra Naseem Fatiman	Human Impacts on Wetland Biodiversity and Ecosystem Health	Biodiversity Loss, Ecosystem Degradation and One Health Approaches	BRA Bihar University
11	EECH-PIRS-216/P/2026	Preeti	Impact of Pesticides Exposure on Beneficial Insects	Biodiversity Loss, Ecosystem Degradation and One Health Approaches	B.R.A. Bihar University, Muzaffarpur
12	EECH-PIRS-217/P/2026	Kriti kumari	Assessment of Butterfly Diversity and Behavioural Ecology of Danaus chrysippus: Implications for Biodiversity Conservation	Biodiversity Loss, Ecosystem Degradation and One Health Approaches	Jai Prakash University , Chhapra
13	EECH-PIRS-221/P/2026	Rupali Kumari	Moth Diversity under Emerging Environmental Challenges : A Threat to Biodiversity and Ecosystem Stability	Biodiversity Loss, Ecosystem Degradation and One Health Approaches	Jai Prakash University Chapra
14	EECH-PIRS-222/P/2026	Nishu Singh	Spider Diversity and Distribution Patterns as Indicators of Ecosystem Health in Siwan District, Bihar	Biodiversity Loss, Ecosystem Degradation and One Health Approaches	Jai Prakash University Chapra
15	EECH-PIRS-223/P/2026	Sumi kumari	Assessing Beetle Diversity in Saran: Emerging Threats and conservation priorities for Ecosystem Health	Biodiversity Loss, Ecosystem Degradation and One Health Approaches	Jai prakash university chapra, Bihar
16	EECH-PIRS-232/P/2026	Aditi Kashyap	From the Silence of Species to the Cry of Humanity: Biodiversity Loss and One Health	Biodiversity Loss, Ecosystem Degradation and One Health Approaches	Christ deemed to be University

Registered Participants – Poster Presentations

Track 03. Climate Change and Social Behaviour

Total poster presentations in this track: 13

S. No.	Final Abstract ID	Presenter Name(s)	Poster Title	Theme	Affiliation
1	EECH-PIRS-07/P/2026	Rahul Kumar Pandey	Quantifying the Impact of Drainage Density Loss on Flood Susceptibility in the Small Watersheds of Ganga River Basin	Climate Change and Social Behaviour	Dr Shyama Prasad Mukherjee University, Ranchi
2	EECH-PIRS-24/P/2026	Raja babu	Risk Perception and Climate Reality: Cognitive Biases Shaping Human Responses to Environmental Crises	Climate Change and Social Behaviour	RDS COLLEGE MUZAFFARPUR
3	EECH-PIRS-86-89/P/2026	Karan kumar, Tarun Kumar Srivastava	THE STORM WITHIN: THE PSYCHOLOGICAL IMPACT OF CLIMATE DISTRESS AND PATHWAYS TO RESILIENCE	Climate Change and Social Behaviour	Central University of South bihar
4	EECH-PIRS-102/P/2026	Aastha Verma	Assessment of Household Livelihood Vulnerability to Climate Stress in Rural region of three districts of South Bihar	Climate Change and Social Behaviour	Magadh University
5	EECH-PIRS-148/P/2026	Shulbha saurabh	Effects of different temperatures regimes of gaya on the growth performance of indian major carps(labeo rohita,catla catla,& cirrhinus mrigala)	Climate Change and Social Behaviour	Magdh university bodhgaya
6	EECH-PIRS-158/P/2026	Mansi Kumari	Climate Change and Incidence of Leishmaniasis in Bihar and Subsequent Impact on the Consumption of Ethnobotanical Plants (Achyranthes aspera and Boerhavia diffusa)	Climate Change and Social Behaviour	Magadh University, Bodh Gaya
7	EECH-PIRS-165-167/P/2026	Nishant Kumar, Kumari Prerna Raj	Seasonal Variation in Foliar Biochemical Composition of Terminalia arjuna, Terminalia tomentosa and Shorea robusta in Relation to Tasar Culture in Gaya, Bihar, India	Climate Change and Social Behaviour	Magadh University
8	EECH-PIRS-170/P/2026	Deepika Kumari	Climatic Adaptation of Antheraea mylitta D. at Gaya Bihar during Seed Crop and Commercial Crop Season	Climate Change and Social Behaviour	Magadh University bodhgaya bihar

S. No.	Final Abstract ID	Presenter Name(s)	Poster Title	Theme	Affiliation
9	EECH-PIRS-178/P/2026	Prateek Bhardwaj	CLIMATE VARIABILITY AND COMMUNITY ADAPTATION IN BIHAR, INDIA: A SECONDARY DATA-BASED ASSESSMENT OF CLIMATE AND SOCIAL BEHAVIOUR	Climate Change and Social Behaviour	Magadh University Bodh Gaya
10	EECH-PIRS-27/P/2026	Himanshu Kaushik	Long-Term Mass-Balance Variability and Changing Climatic Controls of Chhota Shigri Glacier, Western Himalaya	Climate Change and Social Behaviour	Indian institute of technology Indore
11	EECH-PIRS-147/P/2026	Agrapali Sneha	Impact of Flood on the water ecosystem of river Ganga near Munger	Climate Change and Social Behaviour	Magadh University Bodh Gaya 824234
12	EECH-PIRS-164/P/2026	Pallavi Kumari	IMPACT OF CLIMATE ON THE WATER QUALITY OF DIGGHI POND AT GAYA IN DIFFERENT SEASONS AND SUBSEQUENT GROWTH OF THE ECTOPARASITE Ichthyophthirius multifiliis	Climate Change and Social Behaviour	Magadh University Bodh Gaya
13	EECH-PIRS-29/V-P/2026	Prabhat Kumar	Projected Changes in Temperature Extremes over Patna and Gaya Using MLR-Based Statistical Downscaling of CMIP6 Models	Climate Change and Social Behaviour	Central University of South Bihar, Gaya

Registered Participants – Poster Presentations

Track 04. Ecotourism, Environmental Restoration, and Indian Knowledge System

Total poster presentations in this track: 2

S. No.	Final Abstract ID	Presenter Name(s)	Poster Title	Theme	Affiliation
1	EECH-PIRS-05/P/2026	NISITA RANJAN	Quantitative Assessment of Plant Biomass and Carbon Sequestration in Miyawaki Plantation: A Case Study from Amoda Village, Raisen District, Madhya Pradesh.	Ecotourism, Environmental Restoration, and Indian Knowledge System	IIT ISM DHANBAD
2	EECH-PIRS-41/P/2026	Swadha Pandey	Floristic and Faunal Diversity Evaluation in the Core and Buffer Zones in different areas of BCCL: Implications for Post-Mining Reclamation	Ecotourism, Environmental Restoration, and Indian Knowledge System	IIT (ISM) Dhanbad

Registered Participants – Poster Presentations

Track 05. Food Security, Nutrition and Environmental Health

Total poster presentations in this track: 13

S. No.	Final Abstract ID	Presenter Name(s)	Poster Title	Theme	Affiliation
1	EECH-PIRS-25/P/2026	ADITYA SWARUP	Sustaining Healthy Plates and a Healthy Planet: Advancing Food Quality, Safety, and Disease Prevention Through a One Health Approach	Food Security, Nutrition and Environmental Health	UNIVERSITY DEPARTMENT OF ZOOLOGY, B.R. AMBEDKAR BIHAR UNIVERSITY, MUZAFFARPUR
2	EECH-PIRS-46/P/2026	Mr. Vikash Kumar	Estimation of Microbial Load of Fresh & Dried Cucumber Seeds (<i>Cucumis sativus</i> L.)	Food Security, Nutrition and Environmental Health	Dr. K. N. Modi University, Newai-304021, Rajasthan
3	EECH-PIRS-50/P/2026	Pallavi Kumari	Trace metals contamination in Indian crops	Food Security, Nutrition and Environmental Health	Central University of South Bihar
4	EECH-PIRS-66/P/2026	Riya Kumari	Pathogenic Enterobacteria in Table Eggs: Isolation, Characterization and Antibiotic Resistance Profile	Food Security, Nutrition and Environmental Health	Department of Zoology, Rajendra Mishra College, Saharsa, B.N. Mandal University, Madhepura, Bihar.
5	EECH-PIRS-104/P/2026	Manisha Kumari	Biochemical Effects of Alcoholic Extract of <i>Ficus religiosa</i> in <i>Rattus norvegicus</i> : Potential Therapeutic Effects	Food Security, Nutrition and Environmental Health	Bhupendra Narayan Mandal University, Madhepura, Bihar
6	EECH-PIRS-149/P/2026	Rohit Rajdan	Comparative Study of Cypermethrin and Neem Seed Oil on the Environment of Litchi Orchard's Natural Pollinator	Food Security, Nutrition and Environmental Health	Magadh university bogh gaya Bihar Gaya
7	EECH-PIRS-159/P/2026	Mausam Kumari	Study of Ethnomedicinal properties of aquatic plant Titel- <i>Nelumbo nucifera</i> (Sacred Lotus)	Food Security, Nutrition and Environmental Health	B N M U MADHEPURA
8	EECH-PIRS-189/P/2026	Jyotiranjana Barik	Soil Electrical Conductivity and Nutrient (N, P, K) Status in Major Betel Vine Cultivated Coastal Districts of Odisha	Food Security, Nutrition and Environmental Health	Fakir Mohan University
9	EECH-PIRS-202/P/2026	Radha Rani Kumari	Lepidopteran Insect Pests of Litchi and Their Role in Sustainable Fruit Production.	Food Security, Nutrition and Environmental Health	BRABU Muzaffarpur Bihar

S. No.	Final Abstract ID	Presenter Name(s)	Poster Title	Theme	Affiliation
10	EECH-PIRS-80/P/2026	Rajshree	To assay the efficacy of three Biofungicides in controlling fungal pathogens of Bottle gourd	Food Security, Nutrition and Environmental Health	University Department of Botany
11	EECH-PIRS-100/P/2026	Pooja Kumari	To assess the efficacy of Biorationals fungicide for controlling fungal disease of Cucumber	Food Security, Nutrition and Environmental Health	University department of Botany Bnmu Madhepura
12	EECH-PIRS-213/P/2026	Subhash gupta	EFFECT OF PHYTOHORMONES ON IN-VITRO MICROPROPAGATED PLANTLETS OF BANANA (Musa spp.)	Food Security, Nutrition and Environmental Health	Patliputra university
13	EECH-PIRS-233-234/P/2026	Sankar Saha, Aryadeepa GM	Sustainable Organic Farming and Farm-to-Consumer Models for Food Security and Environmental Health	Food Security, Nutrition and Environmental Health	Central University of South Bihar

Registered Participants – Poster Presentations

Track 06. Mining and Ecosystem Health

Total poster presentations in this track: 9

S. No.	Final Abstract ID	Presenter Name(s)	Poster Title	Theme	Affiliation
1	EECH-PIRS-36-56/P/2026	Aditi, Jaisheela Marandi	Extremophilic Microorganisms in Bauxite Residue: Implications for Soil Rehabilitation	Mining and Ecosystem Health	CSIR-CENTRAL INSTITUTE OF MINING AND FUEL RESEARCH , DHANBAD
2	EECH-PIRS-88/P/2026	Manisha Kumari	“Avian Assemblage Responses to Anthropogenic Disturbance across Residual Hills of Gaya Ji, Bihar: Implications of Mining-Driven Habitat Transformation.”	Mining and Ecosystem Health	Magadh University, Bodh Gaya
3	EECH-PIRS-96/P/2026	Vishal Kumar Gupta	Bio-Beneficiation of Iron Ore: A Critical Review and Quantitative Synthesis of Microbial Approaches	Mining and Ecosystem Health	IIT ISM Dhanbad
4	EECH-PIRS-108/P/2026	SHIVAM SAURABH GOSWAMI	EXPLORATION OF EXTREMOPHILIC METHANOTROPHS FROM COAL MINE FIRE-AFFECTED SOILS: IMPLICATIONS FOR ECOSYSTEM HEALTH.	Mining and Ecosystem Health	CSIR– Central Institute of Mining and Fuel Research
5	EECH-PIRS-110/P/2026	Gitanjalee Kumari	Biochar-Based Hydrogel Composite for Eco-restoration of Mine-Degraded Soils	Mining and Ecosystem Health	Indian Institute of Technology (Indian School of Mines), Dhanbad
6	EECH-PIRS-141/P/2026	SHRISHTI SINGH	Role of Root-Nodulating Bacteria in Managing Soil Salinity for Healthy Ecosystem	Mining and Ecosystem Health	CENTRAL UNIVERSITY OF SOUTH BIHAR
7	EECH-PIRS-174/P/2026	Monalisa Mohapatra	Land Use and Land Cover Dynamics (2005–2025) and Their Cascading Effects on Soil Quality Across Contrasting Land Use Systems in Balasore District of Odisha, India	Mining and Ecosystem Health	Fakir Mohan University, Baleshwar, Odisha
8	EECH-PIRS-212/P/2026	BUDHDEO GAUTAM	Greener Approach to Synthesis of Dihydropyridines	Mining and Ecosystem Health	B .R .A. Bihar University,Muzaffarpur

S. No.	Final Abstract ID	Presenter Name(s)	Poster Title	Theme	Affiliation
9	EECH-PIRS-229/P/2026	PROMOD P. MANI	An Integrated Socio-Technical Framework Translating Beach Sand Mineral (BSM) Processing Mechanics into Quantifiable ESG Performance Metrics	Mining and Ecosystem Health	IREL(INDIA) LIMITED

Registered Participants – Poster Presentations

Track 07. Public Health Systems and Environmental Justice

Total poster presentations in this track: 10

S. No.	Final Abstract ID	Presenter Name(s)	Poster Title	Theme	Affiliation
1	EECH-PIRS-33/P/2026	VANISHA	Bacteriophage Therapy for Multidrug-Resistant Klebsiella pneumoniae: A Review through Case Studies	Public Health Systems and Environmental Justice	Deen Dayal Upadhyaya Gorakhpur University, Gorakhpur
2	EECH-PIRS-45/P/2026	Kumar Rohit	Environmental Health Burden of Cancer and Computational Drug Repurposing: Tafenoquine as a Sustainable Tubulin-Targeting Anticancer Candidate	Public Health Systems and Environmental Justice	Bhupendra Narayan mandal university, Madhepura, Bihar
3	EECH-PIRS-54/P/2026	Anshuman Kumar	Co-occurrence and Distribution of Mosquito Immatures and Their Efficient Predators in Gaya ji city	Public Health Systems and Environmental Justice	Central university of south bihar
4	EECH-PIRS-107/P/2026	Ritu Singh	Climate-Related Flooding and Public Health Resilience: Lessons from the 2026 Nepal Floods	Public Health Systems and Environmental Justice	Mirza Ghalib College
5	EECH-PIRS-119/P/2026	Shipra Nidhi	Camphor-Based Nanoformulations: A Sustainable Approach for Managing Permethrin-Resistant Pediculus humanus capitis	Public Health Systems and Environmental Justice	Bhupendra Narayan Mandal University, Madhepura, Bihar
6	EECH-PIRS-129/P/2026	Nidhi kumari	Allelic Variability and Genetic Health Markers in the Tharu Population of West Champaran, Bihar: Implications for Health Equity	Public Health Systems and Environmental Justice	Bhupendra Narayan Mandal University, Madhepura, Bihar
7	EECH-PIRS-51/P/2026	ANITA KUMARI	Health Equity and Environmental Hygiene: A Study of Household Practices among Socioeconomically Disadvantaged Families.	Public Health Systems and Environmental Justice	Magadh University ,Gaya
8	EECH-PIRS-55/P/2026	Ruhi Ghazala	Protective role of vitamin-C against Propoxur (Carbamates) toxicity in Total Protein level in liver and kidney of fish Channa punctatus (Bl., 1793)	Public Health Systems and Environmental Justice	Binod Bihari Mahto koylanchal University, Dhanbad, Jharkhand
9	EECH-PIRS-175/P/2026	Ayush Priyadarshi	The importance of Corporate Governance for Public Health & Environment.	Public Health Systems and Environmental Justice	Central University of South Bihar

S. No.	Final Abstract ID	Presenter Name(s)	Poster Title	Theme	Affiliation
10	EECH-PIRS-210/P/2026	Gita kumari	Importance of Poaceae (Gramineae) Family in the Treatment of Haemorrhagic Disorder of people of Supaul District"	Public Health Systems and Environmental Justice	BNMU Madhepura

Registered Participants – Poster Presentations

Track 08. Waste Management and Environmental Sustainability

Total poster presentations in this track: 11

S. No.	Final Abstract ID	Presenter Name(s)	Poster Title	Theme	Affiliation
1	EECH-PIRS-19/P/2026	Rajeev Ranjan	The "Plastisphere" in Soil: Microbial Colonization, Biofilm Formation, and Co-Selection of Antibiotic Resistance Genes (ARGs)	Waste Management and Environmental Sustainability	Deen Dayal Upadhyaya Gorakhpur University
2	EECH-PIRS-39/P/2026	Arpita Singh	Assessment of Fish Diversity and Its Potential Role as a Prey Resource for Waterbirds in the Ganga–Ghaghara River Confluence Region, Bihar.	Waste Management and Environmental Sustainability	Jai Prakash university, Saran
3	EECH-PIRS-60/P/2026	Anupriya kumari	Characterization of Rhizosphere Associated Bacterial Communities in Kans Grass (<i>Saccharum spontaneum</i> L.) and for Enhanced Phytoremediation of Heavy Metal–Contaminated Soils	Waste Management and Environmental Sustainability	University department of botany, Bnmu Madhepura Bihar
4	EECH-PIRS-77/P/2026	RUPIN KUMAR	Insect-Mediated Plastic Biodegradation Under Environmentally Relevant Conditions: Mechanistic Insights and Toxicological Assessment	Waste Management and Environmental Sustainability	University of Delhi
5	EECH-PIRS-98/P/2026	Aditi Sharan	Emerging Organic Contaminants in Aquatic Environments: Sources, Classification, Health and Ecological Impacts, and Adsorptive–Catalytic Removal	Waste Management and Environmental Sustainability	Indian Institute of Technology, Patna
6	EECH-PIRS-142/P/2026	CHETNA JHA	Exploring Soy Protein Isolate Films Incorporated with Single-Walled Carbon Nanotubes as Sustainable Packaging Material	Waste Management and Environmental Sustainability	CENTRAL UNIVERSITY OF SOUTH BIHAR
7	EECH-PIRS-145/P/2026	DIBYANKAR BARIK	Structural and Mechanical Properties of Soy Protein Isolate Films Reinforced with Carbon Dots	Waste Management and Environmental Sustainability	Central University of South Bihar
8	EECH-PIRS-17/P/2026	Seema Verma	SUSTAINABLE WASTE MANAGEMENT IN THE CIRCULAR ECONOMY: CHALLENGES AND OPPORTUNITIES.	Waste Management and Environmental Sustainability	Central University of South Bihar

S. No.	Final Abstract ID	Presenter Name(s)	Poster Title	Theme	Affiliation
9	EECH-PIRS-92/P/2026	AVINASH KUMAR JHA	Primary Treatment of Faecal Sludge Using Planted and Unplanted Sludge Dry Beds.	Waste Management and Environmental Sustainability	Central University of South Bihar (Gaya)
10	EECH-PIRS-236/P/2026	UDIT NARAYAN	Household Solid Waste Management Practices and Their Determinants: A Ward-Level Study in Patna, India	Waste Management and Environmental Sustainability	MAGADH UNIVERSITY, BODH GAYA
11	EECH-PIRS-238/P/2026	Anuj Shukla	Investigation of temperature effects on uranium sorption using calcium alginate beads	Waste Management and Environmental Sustainability	Bhabha Atomic Research Centre

Registered Participants – Poster Presentations

Track 09. Water Pollution and Scarcity: Dwindling Freshwater Resources

Total poster presentations in this track: 35

S. No.	Final Abstract ID	Presenter Name(s)	Poster Title	Theme	Affiliation
1	EECH-PIRS-13/P/2026	Dr. Shashi Prabha	Assessment of Textile-Industrial Water Contamination and Its Potential Public Health Implications in Tiruppur, Southern India.	Water Pollution and Scarcity: Dwindling Freshwater Resources	Patna College Patna, Patna University, Patna, Bihar
2	EECH-PIRS-26/P/2026	Abhishek Prakash Dubey	Exploring Indigenous Lead-Resistant Bacteria from Eastern Uttar Pradesh for Sustainable Bioremediation”	Water Pollution and Scarcity: Dwindling Freshwater Resources	Deen Dayal Upadhyaya Gorakhpur University Gorakhpur U.P 273009
3	EECH-PIRS-29/P/2026	Bindu Kumari	Mapping of groundwater potential zones and selection of suitable sites for Artificial Recharge in Hard-rock terrain of a part of Ranchi District, Jharkhand, India: A Remote Sensing and GIS based approach.	Water Pollution and Scarcity: Dwindling Freshwater Resources	B.N Mandal University, Madhepura, Bihar, India-852113
4	EECH-PIRS-30/P/2026	Rahul kumar	Integrated Assessment of sewage treatment Waste water management and Environmental implications in muzaffarpur District in Bihar	Water Pollution and Scarcity: Dwindling Freshwater Resources	University department of Zoology Bihar University muzaffarpur
5	EECH-PIRS-31/P/2026	Rajan Kumar	Reclaim & Replenish: Wastewater and its Treatment Techniques	Water Pollution and Scarcity: Dwindling Freshwater Resources	University Department of Zoology,B.R.A.Bihar University,Muzaffarpur
6	EECH-PIRS-61/P/2026	Saba Siddiqui	Evaluating Sustainable Methods for Wastewater Pollution Control.	Water Pollution and Scarcity: Dwindling Freshwater Resources	Magadh University, Bodhgaya
7	EECH-PIRS-71/P/2026	SABIHA NAAZ	Assessment of Fish Productivity and Environmental Characteristics of Shivaganga Pond, Singheshwar, Madhepura,Bihar.	Water Pollution and Scarcity: Dwindling Freshwater Resources	Rajendra Mishra College, Saharsa, Bihar 852201
8	EECH-PIRS-72/P/2026	Atiya Nesar	A Comprehensive Review on Water Quality Contamination and Potential Human Health Risk in the Falgu River, Gaya	Water Pollution and Scarcity: Dwindling Freshwater Resources	Magadh university, Bodh Gaya
9	EECH-PIRS-81/P/2026	Sourabh Kumar	From Waste to Watts: Scaling Microbial Fuel Cell Biosensors for Rapid BOD Monitoring	Water Pollution and Scarcity: Dwindling Freshwater Resources	IIT (ISM), Dhanbad

S. No.	Final Abstract ID	Presenter Name(s)	Poster Title	Theme	Affiliation
10	EECH-PIRS-87/P/2026	Prachi Singh	Tiny Bubbles,Big Impacts : Nanobubbles Vs Pharmaceutical Wastewater	Water Pollution and Scarcity: Dwindling Freshwater Resources	IIT ISM Dhanbad
11	EECH-PIRS-120/P/2026	Alvia Farheen	Study Of PCDD/F Congeners Contamination In Water, Sediment, And Fish Tissue Of The Gandhak River And Its Implications On Ecosystem And Public Health.	Water Pollution and Scarcity: Dwindling Freshwater Resources	Aligarh Muslim University
12	EECH-PIRS-133/P/2026	Praveen Kumar Maddheshiya	Molecular Mechanisms of Mercury Phytoremediation, Integrating Plant Responses, Bioremediation, and Sustainable Detoxification Strategies	Water Pollution and Scarcity: Dwindling Freshwater Resources	Siddharth University
13	EECH-PIRS-157/P/2026	SUSHMITA SINGH	Tracing Localized Hydrochemical Shifts in the Ganga: From Carbonate-Dominated Waters to Sodium Enrichment near Varanasi	Water Pollution and Scarcity: Dwindling Freshwater Resources	BANARAS HINDU UNIVERSITY
14	EECH-PIRS-190/P/2026	RAVI KANT SINGH	Integrated Study of Heavy Metals And Phycological Diversity of Durgawati Water Reservoir, Rohtas, Bihar, India	Water Pollution and Scarcity: Dwindling Freshwater Resources	SRI SHANKAR COLLEGE, SASARAM, ROHTAS, BIHAR
15	EECH-PIRS-197/P/2026	Mantu Kumar	Aquatic Insects as Bioindicator of Water Quality: A Study of the Baya River, Muzaffarpur, Bihar	Water Pollution and Scarcity: Dwindling Freshwater Resources	B.R.A Bihar University, Muzaffarpur, Bihar
16	EECH-PIRS-201/P/2026	Rozy Kumari	Enumeration of Coliforms in Potable Water Sources of colleges of Patna, Bihar	Water Pollution and Scarcity: Dwindling Freshwater Resources	Patna University
17	EECH-PIRS-215/P/2026	Aakanksha Kumari	Pesticide and Heavy-Metal Pollution in Freshwater: Treatment and Sustainability in Kurhani, Muzaffarpur, Bihar	Water Pollution and Scarcity: Dwindling Freshwater Resources	BRABU Muzaffarpur
18	EECH-PIRS-231/P/2026	Sweta bharti	Microbial Assessment of Municipal Solid Waste Leachate on groundwater near dumping site.	Water Pollution and Scarcity: Dwindling Freshwater Resources	Patliputra university
19	EECH-PIRS-20/V-P/2026	Bhawana Raj	Urban Drain-Driven Microbial Contamination and Antibiotic Resistance in the Ganga River at Patna, India: A Multivariate and Correlation-Based Assessment	Water Pollution and Scarcity: Dwindling Freshwater Resources	Central University of South Bihar, Gaya

S. No.	Final Abstract ID	Presenter Name(s)	Poster Title	Theme	Affiliation
20	EECH-PIRS-27/V-P/2026	Deepak Kumar	Development of a framework for risk assessment of sanitation infrastructure to drought and floods	Water Pollution and Scarcity: Dwindling Freshwater Resources	Central University of South Bihar, Gaya
21	EECH-PIRS-34/P/2026	IRSHAD ALAM	Study of Physico-chemical parameters of the Durgawati river in Rohtas and Bhabhua district of Bihar	Water Pollution and Scarcity: Dwindling Freshwater Resources	Veer kunwar Singh university Ara Bihar
22	EECH-PIRS-40/P/2026	Ravi Kant Kumar Ravi	Critical Dimensions of Freshwater Depletion and Contamination: An Analytical Study on Drinking Water Security	Water Pollution and Scarcity: Dwindling Freshwater Resources	Magadh university
23	EECH-PIRS-52/P/2026	MANISH KUMAR	“Environmental Education in NCERT Textbooks Class VIII Science, and Social Science (Resources & Development): A Comparative Content Analysis”	Water Pollution and Scarcity: Dwindling Freshwater Resources	Maulana Mazharul Haque Arabic & Persian University, Patna, Bihar.
24	EECH-PIRS-63/P/2026	ARUNIMA KRISHNAN	Water Pollution and Scarcity: A Dual Threat to Global Freshwater Security	Water Pollution and Scarcity: Dwindling Freshwater Resources	IIT Patna
25	EECH-PIRS-78/P/2026	Sonu Kumar Singh	Impact of Water Pollution on Freshwater Ecosystems	Water Pollution and Scarcity: Dwindling Freshwater Resources	Magadh University Bodh Gaya
26	EECH-PIRS-122/P/2026	Ramdeo Mahto	Water Pollution And Scarcity : Dwindling Freshwater Resources.	Water Pollution and Scarcity: Dwindling Freshwater Resources	Magadh University, Bodhgaya, Gayaji, Bihar, India.
27	EECH-PIRS-191/P/2026	SAZZAD HOSSAIN	Title: Microplastic-Induced Oxidative Stress and Histopathological Alteration in Freshwater Fish: A Comprehensive Review on Ecotoxicological and Public Health Implications	Water Pollution and Scarcity: Dwindling Freshwater Resources	Deen Dayal Upadhyay Gorakhpur University
28	EECH-PIRS-91/P/2026	PUNAM PRIYA	Water Quality Assessment of Damodar River using Phytoplankton as Indicators during Pre- monsoon and Post-monsoon Of 2025	Water Pollution and Scarcity: Dwindling Freshwater Resources	BBMKU DHANBAD
29	EECH-PIRS-132/P/2026	PRITY KUMARI	BIOACCUMULATION OF PESTICIDE FROM WATER BODIES BY OSCILLATORIA TNUIS	Water Pollution and Scarcity: Dwindling Freshwater Resources	B.N.M.U. Madhepura
30	EECH-PIRS-14/V-P/2026	Gaurav Kumar Ranjan	Nature-Based Treatment Wetlands for Nurturing Nutrient Recovery and Promoting Circularity in Greywater Management	Water Pollution and Scarcity: Dwindling Freshwater Resources	Central University of South Bihar, Gaya

S. No.	Final Abstract ID	Presenter Name(s)	Poster Title	Theme	Affiliation
31	EECH-PIRS-224/P/2026	Aparna anand	Isolation of coliforms from groundwater adjacent to OSS from the village of Nawada, Patna, Bihar.	Water Pollution and Scarcity: Dwindling Freshwater Resources	Patliputra university
32	EECH-PIRS-196/P/2026	SADHANA BHARTI	Water quality Assessment of rainfeed koshi Tributaries of madhepura:physics -chemical characteristics and Heavy - metals perspectives	Water Pollution and Scarcity: Dwindling Freshwater Resources	Bhupendra Narayan mandal university madhepura
33	EECH-PIRS-193/P/2026	Ranjana Singh	Water Quality Index and Hydrochemical Controls of the Bagmati River: Implications for River Health Management in Sheohar, Bihar	Water Pollution and Scarcity: Dwindling Freshwater Resources	Patna University, Patna
34	EECH-PIRS-179/P/2026	Tanya Sinha	Assessment of Physico-Chemical Properties of Water Bodies in District Nalanda, Bihar	Water Pollution and Scarcity: Dwindling Freshwater Resources	Veer Kunwar Singh University
35	EECH-PIRS-218/P/2026	Swarna Ranjan	Investigation of Biomagnification and Bioaccumulation of Xenobiotic Biotic Components of Pond Balia, Muzaffarpur and Its Effects on the Productivity of the Pond.”	Water Pollution and Scarcity: Dwindling Freshwater Resources	Brabu

Theme-wise Poster Presenters

Final theme-wise distribution of registered presentations and presenters

S. No.	Conference theme / track	Posters	Presenters
1	Air Pollution: Public Health Crises and Sustainable Techniques	5	5
2	Biodiversity Loss, Ecosystem Degradation and One Health Approaches	16	16
3	Climate Change and Social Behaviour	13	15
4	Ecotourism, Environmental Restoration, and Indian Knowledge System	2	2
5	Food Security, Nutrition and Environmental Health	13	14
6	Mining and Ecosystem Health	9	10
7	Public Health Systems and Environmental Justice	10	10
8	Waste Management and Environmental Sustainability	11	11
9	Water Pollution and Scarcity: Dwindling Freshwater Resources	35	35
GRAND TOTAL		114	118

Note: Four poster entries are joint presentations (two presenters each): Climate Change (2), Food Security (1), and Mining (1). Hence 114 poster presentations represent 118 presenters.