



EECH-PIRS 2026



Oral 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 Oral Presentation:

All participants selected for oral presentations are requested to prepare **10–12 PowerPoint slides** and follow the presentation format and instructions below.

1. Presentation time limits

Presenter category	Presentation	Q&A	Total
Students (UG/PG); Research Scholars/ PhD Scholars; Postdoctoral Fellows / Post-Ph.D. / Research Associates (Category 1)	5 minutes	2 minutes	7 minutes
Industry Personnel; Academicians / Govt Officials (Category 2)	7 minutes	2 minutes	9 minutes

2. Oral Presentation Slide Guidelines

The presentation should consist of a **maximum of 10 slides for Category 1** (Students, Research Scholars/Ph.D. Scholars, Postdoctoral Fellows/Post-Ph.D. and Research Associates) and **12 slides for Category 2** (Industry Personnel, Academicians and Government Officials). **The first slide must contain** the title of the study, **all authors’ names (with the presenting participant’s name underlined)**, affiliations, presenter’s email ID, Final Abstract ID, conference theme, and conference/institutional logo(s), if available. The remaining slides may be arranged according to the presenter’s convenience; however, they must cover the **introduction/background, research hypothesis or gaps, objectives/innovation, methodology, results and discussion, relevance of the study/societal impact, conclusions, and selected references**, wherever applicable, within the prescribed slide limit and mentioned time duration.

3. Formatting and general instructions

- **Fonts and visibility:** Use Arial/Times New Roman. Suggested slide heading size: 28–36 pt; main body: about 24 pt; references: at least 20 pt. Ensure figures, graphs and tables remain readable.
- **Content and visuals:** Use concise text and appropriate pictorial representations. Emphasize methods, significant results, interpretation and real-world relevance; avoid overcrowded slides.
- **Jury evaluation:** Presentations will be evaluated for **Category 1 presenters** only by the jury. Best oral presentation(s) will be recognized/awarded for the above-said category by the Organizing Committee.
- **Schedule:** The assigned date, time and session details will be communicated separately by the Organizing Committee.

Organizing Committee

EECH-PIRS 2026

Department of Environmental Science

Central University of South Bihar (CUSB), Gaya

Registered Participants – Oral Presentations

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

Total oral presentations in this track: 8

S. No.	Final Abstract ID	Presenter Name(s)	Oral Title	Theme	Affiliation
1	EECH-PIRS-14/O/2026	Dr. Papu Kumar Naik	Carbon Dioxide Capture using Amine-Based Aqueous Solvents: Both Experimental and Simulation Approaches	Air Pollution: Public Health Crises and Sustainable Techniques	Mahant Madhusudan College Bikram, Patliputra University Patna
2	EECH-PIRS-65/O/2026	PRIYA PRIYADARSHNI	Integrating Google Earth Engine and Aggregated Air Quality Index for Monitoring Spatio-Temporal Air Quality Patterns in Gaya, Bihar	Air Pollution: Public Health Crises and Sustainable Techniques	Research Scholar
3	EECH-PIRS-67/O/2026	Nisha Verma	Atmospheric Uranium Associated with Particulate Matter: Global Occurrence, Sources, Analytical Approaches, Health Risks, and Evidence from India	Air Pollution: Public Health Crises and Sustainable Techniques	Central University of South Bihar
4	EECH-PIRS-118/O/2026	SOUMYA RANJAN NATH	Integrated Assessment of Heavy Metal Contamination in Road dust Using Pollution Indices and Ecological Risk index in the Coal Mining Belt of Jharsuguda, Odisha, India	Air Pollution: Public Health Crises and Sustainable Techniques	Sambalpur University
5	EECH-PIRS-146/O/2026	Kumar Gaurav Mishra	Sodium-Rich PM _{2.5} in a Coal-Industrial Airshed: Influence of Non-Volatile Cations on Inorganic Hygroscopicity	Air Pollution: Public Health Crises and Sustainable Techniques	IIT ISM Dhanbad
6	EECH-PIRS-155/O/2026	Dr Mani Singh	Tracking the Flames: A 9-year Spatial-Temporal Analysis of Stubble Burning in Punjab and Haryana (2016-2024)	Air Pollution: Public Health Crises and Sustainable Techniques	Jamia Millia Islamia, New Delhi, India
7	EECH-PIRS-169/O/2026	Dr. Sunny Kumar	Ambient Air Pollutants Level Variation and Its Potential Human Health Risk in Urban Areas in Bihar, India.	Air Pollution: Public Health Crises and Sustainable Techniques	Central University of South Bihar

S. No.	Final Abstract ID	Presenter Name(s)	Oral Title	Theme	Affiliation
8	EECH-PIRS-10/O/2026	MUKESH KUMAR	CARCINOGENIC AND NON-CARCINOGENIC HEALTH RISK ASSESSMENT OF ELEMENTS ASSOCIATED WITH SIZE SEGREGATED PARTICULATE MATTER IN AMBIENT AIR OF DELHI NCR	Air Pollution: Public Health Crises and Sustainable Techniques	JAWAHARLAL NEHRU UNIVERSITY, NEW DELHI

Registered Participants – Oral Presentations

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

Total oral presentations in this track: 8

S. No.	Final Abstract ID	Presenter Name(s)	Oral Title	Theme	Affiliation
1	EECH-PIRS-06/O/2026	Roja Eliza	Application of PLUS-InVEST-SHAP Modeling in Watershed Health Assessment: Multi- Scenario Projection of LULC Change, Carbon Storage Dynamics, and Ecosystem Services	Biodiversity Loss, Ecosystem Degradation and One Health Approaches	IIT ISM DHANBAD
2	EECH-PIRS-38/O/2026	Tanu Singh	The Potential for a New Dolphin Sanctuary in Western Bihar: Ecological Dynamics of the Ghaghara–Ganga–Son River Corridor	Biodiversity Loss, Ecosystem Degradation and One Health Approaches	Jai Prakash University
3	EECH-PIRS-70/O/2026	Dr. Gini Rani	Phytosociological Analysis and Carrying Capacity Implications for Indigenous Vegetation of Dhanghi Hill, Dhanbad, Jharkhand	Biodiversity Loss, Ecosystem Degradation and One Health Approaches	Binod Bihari Mahto Koyalanchal University
4	EECH-PIRS-90/O/2026	SUNIL KUMAR	Freshwater Fish Diversity, Seasonal Occurrence and Conservation Concerns in Purnea District, Bihar	Biodiversity Loss, Ecosystem Degradation and One Health Approaches	B.N.M.U MADHEPURA
5	EECH-PIRS-95/O/2026	Archana kumari	Insecticide Use in Brown Planthopper Management: Implications for Biodiversity and Ecosystem Health in Rice Fields of Muzaffarpur, Bihar	Biodiversity Loss, Ecosystem Degradation and One Health Approaches	BRABU Muzaffarpur
6	EECH-PIRS-121/O/2026	Anuradha Kumari	Influence of Pesticides use in Agriculture on Earthworm population and Soil Health	Biodiversity Loss, Ecosystem Degradation and One Health Approaches	B.R.A Bihar University Muzaffarpur
7	EECH-PIRS-131/O/2026	Dr. Archana kumari	Sustainable Water Management and Hatchery-Based Breeding of Kohaku Koi (Cyprinus rubrofasciatus) for Responsible Ornamental Aquaculture	Biodiversity Loss, Ecosystem Degradation and One Health Approaches	Gaya College , Gaya Ji ,Magadh University

S. No.	Final Abstract ID	Presenter Name(s)	Oral Title	Theme	Affiliation
8	EECH-PIRS-30/V-O/2026	Nutan Nandan Patel	Sources of Sediment Organic Matter in an Eco-Sensitive Lake (Ghora Katora, Bihar, India): Linking Nutrient Dynamics, Ecosystem conversation	Biodiversity Loss, Ecosystem Degradation and One Health Approaches	Central University of South Bihar, Gaya

Registered Participants – Oral Presentations

Track 03. Climate Change and Social Behaviour

Total oral presentations in this track: 6

S. No.	Final Abstract ID	Presenter Name(s)	Oral Title	Theme	Affiliation
1	EECH-PIRS-03/O/2026	Shubham Shukla	Mountain Communities, Traditional Knowledge Systems and Climate Change Adaptation: Insights from Uttarakhand Himalaya	Climate Change and Social Behaviour	Central University of Rajasthan
2	EECH-PIRS-101/O/2026	Guriya Rani	Seasonal Heat Stress Effects on Physiological and Haematological Parameters in Native and Crossbred Cattle of Kosi Region, Bihar	Climate Change and Social Behaviour	Bhupendra Narayan University, Madhepura (Bihar))
3	EECH-PIRS-176/O/2026	NIKKI KUMARI	REARING ENVIRONMENT AND ITS INFLUENCE ON THE BIOLOGY OF ANTHERAEA MYLITTA- A COMPARATIVE STUDY.	Climate Change and Social Behaviour	BINOD BIHARI MAHTO KOYLANCHAL UNIVERSITY, DHANBAD,JHARKHAND
4	EECH-PIRS-209/O/2026	Shubham	Effect of Climate Change Factors on the Phytochemical Characteristics and Antioxidant Potential of Selected Medicinal Plants of Khagaria District, Bihar, India	Climate Change and Social Behaviour	B.N.M.U. MADHEPURA BIHAR
5	EECH-PIRS-237/O/2026	Dr. Shruti Dutta	Mapping Surface Heat Patterns and Vegetation–Built-up Associations in Gaya District, Bihar(2016–2026): A Geospatial Assessment for Climate-Resilient Planning	Climate Change and Social Behaviour	Patna University, Patna
6	EECH-PIRS-235/O/2026	Dr. Abhishek Anand	Changing Characteristics of Weather-Related Environmental Hazards at Gaya Airport: An Integrated Assessment of Fog, Heat waves and Thunderstorm Variability	Climate Change and Social Behaviour	India Meteorological Department

Registered Participants – Oral Presentations

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

Total oral presentations in this track: 3

S. No.	Final Abstract ID	Presenter Name(s)	Oral Title	Theme	Affiliation
1	EECH-PIRS-103/O/2026	Banaja Prakashini Samantaray	Integrating Traditional Indian Knowledge For Aquatic Biodiversity Conservation	Ecotourism, Environmental Restoration, and Indian Knowledge System	Central University of South Bihar
2	EECH-PIRS-126/O/2026	Dr. Nalinaksh Pankaj	From Traditional Wisdom to Ecological Restoration: Rethinking Ecotourism through Indian Knowledge Systems	Ecotourism, Environmental Restoration, and Indian Knowledge System	Magadh University BodhGaya
3.	EECH-PIRS-239/O/2026	Deepak Kumar Choudhary	Role of Traditional Ecological Knowledge in Sustaining Transhumant Pastoralism: A Case Study of Kinnaura Community in Western Himalaya, India	Ecotourism, Environmental Restoration, and Indian Knowledge System	Swami Shraddhanand College, University of Delhi

Registered Participants – Oral Presentations

Track 05. Food Security, Nutrition and Environmental Health

Total oral presentations in this track: 9

S. No.	Final Abstract ID	Presenter Name(s)	Oral Title	Theme	Affiliation
1	EECH-PIRS-43/O/2026	BINOD KUMAR VIMAL	Exploring Congenial Environment for Pests and Diseases and their Integrated Management: A Case Study of Naugachiya Subdivision of Bhagalpur District, Bihar	Food Security, Nutrition and Environmental Health	BIT Mesra Ranchi
2	EECH-PIRS-47/O/2026	Aparajita	Effects of Aqueous Extract of Allium sativum on Selected Biochemical Parameters in Mus musculus	Food Security, Nutrition and Environmental Health	Bhupendra Narayan Mandal University, Madhepura, Bihar
3	EECH-PIRS-117/O/2026	Manisha raj	COMPARATIVE BIOCONTROL EFFICIENCY OF BACILLUS AMYLOLIQUEFACIENS AND BACILLUS SUBTILIS AGAINST ROOT-KNOT NEMATODES MELOIDOGYNE INCOGNITA IN RICE (ORYZA SATIVA)	Food Security, Nutrition and Environmental Health	BNMU, MADHEPURA, BIHAR
4	EECH-PIRS-156/O/2026	Dr. Akriti Ashesh	From ratification to pollution pathways: India's growth in Persistent Organic Pollutants (POPs) control from 2006-2026	Food Security, Nutrition and Environmental Health	Central University of South Bihar
5	EECH-PIRS-199/O/2026	Divyani Kumari	Sustainable Management of Guava Root Nematode Using Biopesticides	Food Security, Nutrition and Environmental Health	BRABU Muzaffarpur, Bihar
6	EECH-PIRS-207/O/2026	DR. PRIYANKA CHATTERJEE	"Estimation of Sugar content in infected leaf tissue extract of Rice cultivars by the bacterium Xanthomonas campestris pv. oryzae for finding of indigenous Rice (Oryza sativa L) germplasm"	Food Security, Nutrition and Environmental Health	R.N.COLLEGE, HAJIPUR, VAISHALI
7	EECH-PIRS-214/O/2026	NIVEDITA CHAUDHARY	Ozone-induced oxidative stress and yield losses in wheat and chickpea cultivars: An exposure-response assessment	Food Security, Nutrition and Environmental Health	Central University of Rajasthan
8	EECH-PIRS-226/O/2026	Anamika Kumari	Modified CTAB DNA extraction protocol from Milky Mushroom fruiting body without liquid N2 and 2BME	Food Security, Nutrition and Environmental Health	Patliputra University Patna

S. No.	Final Abstract ID	Presenter Name(s)	Oral Title	Theme	Affiliation
9	EECH-PIRS-230/O/2026	Yamini Ujjwal	Effects of Agricultural Pesticide Runoff on Freshwater Fish Health and Aquatic Ecosystem Sustainability	Food Security, Nutrition and Environmental Health	BNMU

Registered Participants – Oral Presentations

Track 06. Mining and Ecosystem Health

Total oral presentations in this track: 7

S. No.	Final Abstract ID	Presenter Name(s)	Oral Title	Theme	Affiliation
1	EECH-PIRS-59/O/2026	Lipika Mete	Voltage-Activated NiCo ₂ O ₄ for Phenolic Contaminant Removal: An Integrated Adsorption–Electrooxidation Approach for possible Mine-Water Treatment	Mining and Ecosystem Health	CSIR- Central Institue of Minning and Fuel Reserch
2	EECH-PIRS-127/O/2026	RIHA KUMARI	Rhizobacteria from Naturally Colonized Coal fly Ash Improve Lemongrass Growth and Root Metal Retention	Mining and Ecosystem Health	CSIR-Central Institute of Mining and Fuel research
3	EECH-PIRS-128/O/2026	Bhanu Pandey	Ecological Restoration of Mining Industry Waste Dumps Using Native Plant-Microbe Associations and Organic Amendments	Mining and Ecosystem Health	CSIR-Central Institute of Mining and Fuel Research
4	EECH-PIRS-182/O/2026	Abhishek Pandey Bharat	Hydro-geochemical evaluation of mining environment emphasizing contaminants sources and health risks	Mining and Ecosystem Health	Gautam Buddha University, Greater Noida
5	EECH-PIRS-227/O/2026	Tanu Priya	Isolation and Screening of Native Nitrite- and Ammonia-Producing Microbes to improve the soil quality and fertility of Coal Mining Overburden Dumps	Mining and Ecosystem Health	CSIR-CIMFR
6	EECH-PIRS-228/O/2026	ADITYA KUMAR VERMA	“Evaluation of Physio-chemical Properties of soil Through Depth-Wise Sampling”	Mining and Ecosystem Health	CSIR CIMFR DHANBAD

Registered Participants – Oral Presentations

Track 07. Public Health Systems and Environmental Justice

Total oral presentations in this track: 10

S. No.	Final Abstract ID	Presenter Name(s)	Oral Title	Theme	Affiliation
1	EECH-PIRS-01/O/2026	Sagar Pandey	Environmental Health Inequities and Public Health Systems in India: Towards an Environmental Justice Framework	Public Health Systems and Environmental Justice	Maulana Azad National Institute of Technology
2	EECH-PIRS-09/O/2026	Priyal Patidar	FLUE-B3: Federated Learning-Based Lung Nodule Segmentation Using U-Net++ and EfficientNet-B3	Public Health Systems and Environmental Justice	National Institute of Technology Patna
3	EECH-PIRS-20/O/2026	Manish Kumar Singh	Reviving precision bacteriophage therapy to counter multidrug-resistant <i>Klebsiella pneumoniae</i>	Public Health Systems and Environmental Justice	Deen Dayal Upadhyaya Gorakhpur University Gorakhpur
4	EECH-PIRS-32/O/2026	Ayushee Agarwal	Therapeutic effect of <i>Cascabela theventia</i> latex extract against DMBA induced breast cancer in rats	Public Health Systems and Environmental Justice	Patna University, Patna, Bihar
5	EECH-PIRS-69/O/2026	Ayush Mukati	Explainable Artificial Intelligence for Chronic Kidney Disease Prediction: A comparative analysis across patient subgroups	Public Health Systems and Environmental Justice	National Institute of Technology, Patna
6	EECH-PIRS-172/O/2026	Dr. Sadaf Fatima	Green Hospital Designs and Public Health Systems in India: Sustainable Strategies for Environmental Justice and Support for Marginalised Sections	Public Health Systems and Environmental Justice	Jamia Hamdard, New Delhi
7	EECH-PIRS-187/O/2026	Dr.Shagufta Ansari	Women, Environmental Justice, and Community Resilience in India: Gendered Responses to Emerging Environmental Challenges	Public Health Systems and Environmental Justice	Gautam Buddha Mahila College, Gaya Ji
8	EECH-PIRS-198/O/2026	GUDDI KUMARI	Development and Evaluation of Low-Cost Attraction-Based Sticky Trap for Phlebotomine Sand Fly Surveillance in Endemic Areas in Sonbarsa Block of Saharsa District, Bihar, India	Public Health Systems and Environmental Justice	BNMU MADHEPURA
9	EECH-PIRS-220/O/2026	Ontari Sudhakar Reddy	Kayakalp as a Preventive Public Health Intervention: Strengthening Environmental Health in Public Health Facilities	Public Health Systems and Environmental Justice	UNICEF

S. No.	Final Abstract ID	Presenter Name(s)	Oral Title	Theme	Affiliation
10	EECH-PIRS-140/O/2026	Amrendra Kumar Kushwaha	Household Air Pollution and Its Health Consequences: Bridging the Awareness-Exposure Gap in Rural Eastern India	Public Health Systems and Environmental Justice	Indian Institute of Technology Mandi

Registered Participants – Oral Presentations

Track 08. Waste Management and Environmental Sustainability

Total oral presentations in this track: 10

S. No.	Final Abstract ID	Presenter Name(s)	Oral Title	Theme	Affiliation
1	EECH-PIRS-02/O/2026	Kumar Abhishek	Biochar-Based Valorization of Agricultural Waste: A Sustainable Solution to Carbon Sequestration, Contaminant Immobilization, and Soil Health Improvement	Waste Management and Environmental Sustainability	Department of Environment, Forest & Climate Change, Govt. of Bihar
2	EECH-PIRS-18/O/2026	P V Narayan	ENVIRONMENTAL ANTIMICROBIAL RESISTANCE IN INDIA UNSAFE PHARMACEUTICAL DISPOSAL, WASTEWATER PATHWAYS, AND THE ONE HEALTH IMPERATIVE	Waste Management and Environmental Sustainability	Bytech India Private Limited
3	EECH-PIRS-49/O/2026	Digvijay kumar	Recovery Techno-economic evaluation and process enhancement for the recovery of Rare Earth Elements from Hard disk Drive (HDD)	Waste Management and Environmental Sustainability	IIT ISM Dhanbad
4	EECH-PIRS-82/O/2026	Gaurishanakar Jaiswal	Valorization of Fruit and Vegetable Waste for the Development of Sustainable Bioplastics for Food Packaging	Waste Management and Environmental Sustainability	Guru Ghasidas Vishwavidyalaya, Bilaspur
5	EECH-PIRS-123/O/2026	Mahmuda Parveen	From Aquatic Weed to Agricultural Resource: RSM-Based Co-Optimization of Water Hyacinth Compost and Chicken Manure for Sustainable Spinach Cultivation	Waste Management and Environmental Sustainability	Sidho-Kanho-Birsha University Purulia West Bengal India
6	EECH-PIRS-138/O/2026	RENU KUMARI GUPTA	Eco-Friendly Dual Crosslinked Biopolymer Networks for Sustainable Pesticide Delivery	Waste Management and Environmental Sustainability	Analytical Chemistry Laboratory, Analytical Sciences & Accredited Testing Services Group, ASSIST Division, CSIR-Indian Institute of Toxicology Research, (CSIR-IITR), Vishvigyan Bhawan, 31, Mahatma Gandhi Marg, Lucknow, Uttar Pradesh 226001, India
7	EECH-PIRS-206/O/2026	Shama Arshi	Comparative Study of Temperature Gradient Sericin Extraction, Molecular Characterisation, and Antimicrobial Activity from Cocoons of Domestic and Wild Silkworm Species.	Waste Management and Environmental Sustainability	Binod Bihari Mahato Koyalanchal University Dhanbad

S. No.	Final Abstract ID	Presenter Name(s)	Oral Title	Theme	Affiliation
8	EECH-PIRS-109/O/2026	Manisha Rani Singh	Performance Evaluation of Planted and Unplanted Sludge Drying Beds for Faecal Sludge Treatment	Waste Management and Environmental Sustainability	Central University of South Bihar
9	EECH-PIRS-37/O/2026	ROHIT	Sustainable Biochar Derived from Ipomoea carnea for Efficient Removal of Polystyrene Microplastics from Aqueous Systems	Waste Management and Environmental Sustainability	Guru Ghasidas Vishwavidyalaya Bilaspur Chhattisgarh (495009)
10	EECH-PIRS-62/O/2026	Ashish Yadav	Assessment of Constructed Wetland–Microbial Fuel Cell Systems Combined with Various Macrophytes for Treating Wastewater and Producing Electricity	Waste Management and Environmental Sustainability	Central University of South Bihar

Registered Participants – Oral Presentations

Track 09. Water Pollution and Scarcity: Dwindling Freshwater Resources

Total oral presentations in this track: 19

S. No.	Final Abstract ID	Presenter Name(s)	Oral Title	Theme	Affiliation
1	EECH-PIRS-08/O/2026	Dr. Kalpana Singh	Adsorption of fluoride from aqueous solution by using low cost Pongamia Pinnata Stem Bark	Water Pollution and Scarcity: Dwindling Freshwater Resources	Women's college Samastipur, Bihar
2	EECH-PIRS-11/O/2026	Rohit Bhardwaj	Groundwater arsenic contamination and associated Health Risks in the Middle Gangetic Plains, India	Water Pollution and Scarcity: Dwindling Freshwater Resources	TERI SAS
3	EECH-PIRS-21/O/2026	Nighat Parveen	Probabilistic Assessment of Human Health Risks from Metal Contamination in Groundwater of Naini Industrial Area, Uttar Pradesh, India	Water Pollution and Scarcity: Dwindling Freshwater Resources	Jawaharlal Nehru University
4	EECH-PIRS-35/O/2026	Dr. ABHISHEK SHARMA	Acoustic Cavitation-Assisted Ag/Fe Heterocatalysis Synergistically Enhances Rapid Degradation of Polybrominated Diphenyl Ethers	Water Pollution and Scarcity: Dwindling Freshwater Resources	RCS COLLEGE, MANJHAUL (A CONSTITUENT UNIT OF LALIT NARYAN MITHILA UNIVERSITY)
5	EECH-PIRS-74/O/2026	Shubham Kumar	Deciphering Treatment Efficacy of a Hybrid Subsurface Flow Constructed Wetland: Kinetic and Metagenomic Insights	Water Pollution and Scarcity: Dwindling Freshwater Resources	Central University of South Bihar
6	EECH-PIRS-76/O/2026	Pralaya Biswas	Prevalence of Chronic Kidney Disease and Anemia in Hirakud Command Area, Odisha, India: Unveiling the Role of Environmental Toxins	Water Pollution and Scarcity: Dwindling Freshwater Resources	Sambalpur University
7	EECH-PIRS-113/O/2026	Shruti Tiwari	Pollution Index-Based Water Quality Assessment of the Ken River System, Bundelkhand, India	Water Pollution and Scarcity: Dwindling Freshwater Resources	University of Allahabad
8	EECH-PIRS-114/O/2026	Ashish kumar Sahu	Seasonal Variation of Microcystin-LR and Associated Health Risks in and around Hirakud Reservoir, India	Water Pollution and Scarcity: Dwindling Freshwater Resources	Sambalpur University

S. No.	Final Abstract ID	Presenter Name(s)	Oral Title	Theme	Affiliation
9	EECH-PIRS-125/O/2026	Dr. Bipin Bihari Mishra	Acid-Tolerant Environmental Persistence of Enterovirus RNA in Hospital-Associated Wastewater: Implications for Environmental Surveillance and Public Health	Water Pollution and Scarcity: Dwindling Freshwater Resources	ICMR-RMNIHR
10	EECH-PIRS-160/O/2026	Anjana K S	Social and Psychological Aspects of Diseases Linked to Arsenic: A Qualitative Inquiry from the Gangetic Plain of Bihar	Water Pollution and Scarcity: Dwindling Freshwater Resources	Central University of South Bihar
11	EECH-PIRS-177/O/2026	Barkha kumari	Seasonal Dynamics of Agricultural Runoff & Insecticide Bioaccumulation in Aquatic Ecosystems	Water Pollution and Scarcity: Dwindling Freshwater Resources	University department of zoology Brabu ,bihar
12	EECH-PIRS-192/O/2026	ADITIYA KUMAR SAH	Aquatic Insect Bioindicators and Limnological Health of Pisciculture Ponds Along an Urbanization Gradient in Patna District, Bihar	Water Pollution and Scarcity: Dwindling Freshwater Resources	Patna Science College, Patna University Patna
13	EECH-PIRS-194/O/2026	Annu kumari	Heavy Metal Contamination and Ecological Risk Assessment in Sediments of Gangetic Plain at Mokama Region	Water Pollution and Scarcity: Dwindling Freshwater Resources	Patna University
14	EECH-PIRS-28/V-O/2026	Jay Prabha Singh	Nitrate pollution in groundwater and its associated non- carcinogenic health risk assessment in urban, peri-urban and rural areas of Varanasi district, Uttar Pradesh, India.	Water Pollution and Scarcity: Dwindling Freshwater Resources	Central University of South Bihar, Gaya
15	EECH-PIRS-205/O/2026	ANSHU KUMARI	Per- and Polyfluoroalkyl Substances in Wastewater: Occurrence, Environmental Concerns and Treatment Challenges	Water Pollution and Scarcity: Dwindling Freshwater Resources	BIRLA INSTITUTE OF TECHNOLOGY , MESRA
16	EECH-PIRS-208/O/2026	Gopalkumar	The Journey from Curse to Boon: Water Hyacinth in Bihar	Water Pollution and Scarcity: Dwindling Freshwater Resources	Bnmu madhepura
17	EECH-PIRS-225/O/2026	Subhosree Goswami	Remote Sensing and Machine Learning based Assessment of Groundwater Scarcity and Depletion in Jharkhand, India	Water Pollution and Scarcity: Dwindling Freshwater Resources	Birla Institute of Technology, Mesra
18	EECH-PIRS-31/V-O/2026	Abhishek Patel	Recalcitrant hazardous compounds in textile effluent from developing nations: their remediation using an integrated native macrophyte-microalgae approach	Water Pollution and Scarcity: Dwindling Freshwater Resources	Central University of South Bihar, Gaya

S. No.	Final Abstract ID	Presenter Name(s)	Oral Title	Theme	Affiliation
19	EECH-PIRS-200/O/2026	Ashish Ranjan	Ecotoxicological Evaluation of Cadmium Toxicity and Behavioural Responses in the Asian Wetland Bioindicator Channa gachua (Hamilton, 1822)	Water Pollution and Scarcity: Dwindling Freshwater Resources	Patna University
20	EECH-PIRS-139/O/2026	Aneet Kumar Yadav	Heavy Metal Accumulation in Naturally Occurring Aquatic Macrophytes of the Basuhi River, Jaunpur, Uttar Pradesh, India	Water Pollution and Scarcity: Dwindling Freshwater Resources	BBAU Lucknow and Uttar Pradesh Pollution control board muzaffarnagar

Theme-wise Oral Presenters

Final theme-wise distribution of registered presentations and presenters

S. No.	Conference theme / track	Oral talks	Presenters
1	Air Pollution: Public Health Crises and Sustainable Techniques	8	8
2	Biodiversity Loss, Ecosystem Degradation and One Health Approaches	8	8
3	Climate Change and Social Behaviour	6	6
4	Ecotourism, Environmental Restoration, and Indian Knowledge System	3	3
5	Food Security, Nutrition and Environmental Health	9	9
6	Mining and Ecosystem Health	6	6
7	Public Health Systems and Environmental Justice	10	10
8	Waste Management and Environmental Sustainability	10	10
9	Water Pollution and Scarcity: Dwindling Freshwater Resources	20	20
GRAND TOTAL		80	80