



EECH-PIRS 2026



Oral Presentation Schedule 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 Professionals (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.
- **Please ensure that your presentation is fully prepared and ready on the scheduled day and time. Kindly adhere to your allotted time slot and be prepared to present accordingly.**

Organizing Committee

EECH-PIRS 2026

Department of Environmental Science

Central University of South Bihar (CUSB), Gaya

28-10-2026 (8:30 AM – 10: 00 AM)	Registration
29-10-2026 (8:00 AM – 9: 00 AM)	Registration

Oral Presentations (Day 1, 28/10/2026) Time: 10:00 AM-11:40 AM

Track 04. Ecotourism, Environmental Restoration, and Indian Knowledge System | Technical Parallel Session -1

Venue: 2nd Floor, Main Auditorium Hall, Vivekananda Complex, CUSB, Gaya

Total oral presentations in this track: 5 | Category 1: 04 | Category 2: 01

S. No	Time	Type of Presentation	Presenter Name(s)	Talk title/ Oral Title	Affiliation
	10:00 AM – 10:30 AM	Keynote	Prof. Wasantha K.D.D. Liyanage	Responsible Tourism and Green Hospitality for Environmental Conservation in the Sri Lankan Context	Department of Forest Conservation Sri Lanka
	10:30 AM – 10:50 AM	Invited Speaker	Prof. Virendra Kumar Mishra	CONSTRUCTED WETLANDS: NATURE-BASED SOLUTIONS FOR SUSTAINABLE WASTEWATER MANAGEMENT	Institute of Environment & Sustainable Development, BHU, Varanasi
1.	10:50 AM - 10:59 AM	EECH-PIRS-239/O/2026	Dr. Deepak Kumar Choudhary	Role of Traditional Ecological Knowledge in Sustaining Transhumant Pastoralism: A Case Study of Kinnaura Community in Western Himalaya, India	Swami Shraddhanand College, University of Delhi
2.	10: 59 AM - 11:06 AM	EECH-PIRS-126/O/2026	Dr. Nalinaksh Pankaj	From Traditional Wisdom to Ecological Restoration: Rethinking Ecotourism through Indian Knowledge Systems	Magadh University Bodhgaya
3.	11:06 AM - 11:13 AM	EECH-PIRS-103/O/2026	Banaja Prakashini Samantaray	Integrating Traditional Indian Knowledge For Aquatic Biodiversity Conservation	Central University of South Bihar, Gaya
4.	11:13 AM – 11:20 AM	EECH-PIRS-03/O/2026	Shubham Shukla	Mountain Communities, Traditional Knowledge Systems and Climate Change Adaptation: Insights from Uttarakhand Himalaya	Central University of Rajasthan, Ajmer
5.	11:20 AM: -11:27 AM	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	Jai Prakash University, Chapra, Bihar

Oral Presentations (Day 1, 28/10/2026) Time: 10:00 AM-11:40 PM

Track 03. Climate Change and Social Behaviour | Technical Parallel Session -2

Venue: 2nd Floor, Auditorium Hall - II, Vivekananda Complex, CUSB, Gaya

Total oral presentations in this track: 6 | Category 1: 05 | Category 2: 01

S. No	Time	Type of Presentation	Presenter Name(s)	Talk title/ Oral Title	Affiliation
	10:00 AM – 10:30 AM	Keynote	Prof. Atul Aditya Pandey	Changing Rivers, changing lives- Climate change, Fluvial dynamics and livelihood vulnerability in Bihar.	Department of Geology, Patna University, Patna
	10:30 AM – 10:50 AM	Invited Speaker	Dr. Amit Kr. Mishra	Climate Change and Monsoonal Clouds over India: Role of Regional Forcing and Feedback	School of Environmental Sciences, JNU
1	10:50 AM - 10:59 AM	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	Science College (Patna University, Patna)
2	10: 59 AM - 11:06 AM	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	India Meteorological Department
3	11:06 AM - 11:13 AM	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	Bhupendra Narayan University, Madhepura (Bihar))
4	11:13 AM – 11:20 AM	EECH-PIRS-176/O/2026	Nikki Kumari	Rearing Environment and Its Influence On The Biology Of Antheraea Mylitta- A Comparative Study.	Binod Bihari Mahto Koylanchal University, Dhanbad, Jharkhand
5	11:20 AM: -11:27 AM	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	B.N.M.U. MADHEPURA BIHAR
6	11:27 AM – 11:34 AM	EECH-PIRS-27/O/2026	Himanshu Kaushik	Long-Term Mass-Balance Variability and Changing Climatic Controls of Chhota Shigri Glacier, Western Himalaya	Indian Institute of Technology Indore

12:30 PM – 2:00 PM

Inauguration

Oral Presentations (Day 1, 28/10/2026) Time: 03:00 PM-5:15 PM

Track 08. Waste Management and Environmental Sustainability | Technical Parallel Session -3

Venue: 2nd Floor, Main Auditorium Hall, Vivekananda Complex, CUSB, Gaya

Total oral presentations in this track: 10 | Category 1: 08 | Category 2: 02

S. No	Time	Type of Presentation	Presenter Name(s)	Talk title/ Oral Title	Affiliation
	03:00 PM - 03:30PM	Keynote	Dr. Uttam Kr. Sarkar	Climate change, ecosystem vulnerability and climate adaptive conservation of aquatic genetic resources.	Ex Director, ICAR- NBFGR, Lucknow
	03: 30 PM - 03:50PM	Invited Speaker	Dr. Subrata Hait	E-waste as an Emerging Environmental and Public Health Challenge: Green and Circular Approaches for Critical Metal Recovery for Sustainability	Indian Institute of Technology (IIT) Patna, Bihar, India
1	03: 50 PM - 03:59PM	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	Department of Environment, Forest & Climate Change, Govt. of Bihar
2	03: 59 PM - 04:08PM	EECH-PIRS-18/O/2026	P V Narayan	Environmental antimicrobial resistance in India unsafe pharmaceutical disposal, wastewater pathways, and the one health imperative	Bytech India Private Limited
3	04: 08 PM - 04:15PM	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)	IIT ISM Dhanbad
4	04: 15 PM - 04:22PM	EECH-PIRS-82/O/2026	Gaurishanakar Jaiswal	Valorization of Fruit and Vegetable Waste for the Development of Sustainable Bioplastics for Food Packaging	Guru Ghasidas Vishwavidyalaya, Bilaspur
5	04: 22 PM - 04:29PM	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	Sidho-Kanho-Birsha University Purulia West Bengal, India
6	04: 29 PM - 04:36PM	EECH-PIRS-138/O/2026	Renu Kumari Gupta	Eco-Friendly Dual Crosslinked Biopolymer Networks for Sustainable Pesticide Delivery	CSIR-Indian Institute of Toxicology Research, (CSIR-IITR), Lucknow, UP
7	04: 36 PM - 04:43PM	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.	Binod Bihari Mahato Koyalanchal University Dhanbad
8	04:43PM - 04:50PM	EECH-PIRS-109/O/2026	Manisha Rani Singh	Performance Evaluation of Planted and Unplanted Sludge Drying Beds for Faecal Sludge Treatment	Central University of South Bihar, Gaya
9	04:50PM - 04:57PM	EECH-PIRS-37/O/2026	Rohit	Sustainable Biochar Derived from Ipomoea carnea for Efficient Removal of Polystyrene Microplastics from Aqueous Systems	Guru Ghasidas Vishwavidyalaya Bilaspur Chhattisgarh
10	04:57PM - 05:04PM	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	Central University of South Bihar, Gaya

Oral Presentations (Day 1, 28/10/2026) Time 03:00 PM-5:30 PM

Track 10+03. Radiation and Environment + Water Pollution and Scarcity: Dwindling Freshwater Resources | Technical Parallel Session -4

Venue: 2nd Floor, Auditorium Hall - II, Vivekananda Complex, CUSB, Gaya

Total oral presentations in this track: 10 | Category 1: 08 | Category 2: 02

S. No	Time	Type of Presentation	Presenter Name(s)	Talk title/ Oral Title	Affiliation
	03:00 PM - 03:30 PM	Keynote	Dr. V.N. Jha	Attributes of the Natural Radiation Environment	BARC Mumbai
	03:30 PM - 03:50 PM	Invited Speaker	Dr. Satya Panigrahi	Radionuclide Transfer in the Environment: Importance of Site-Specific Transfer Factors for Radiation Protection and Food Safety	IGCAR, Kalpakkam (TN)
	03: 50 PM - 04:10 PM	Invited Speaker	Dr. Kothai Parthasarathy	Natural and Artificial Radionuclides in the Environment: Monitoring, Assessment and Implications	IGCAR, Kalpakkam (TN)
1	04: 10 PM - 04:19 PM	EECH-PIRS-08/O/2026	Dr. Kalpana Singh	Adsorption of fluoride from aqueous solution by using low-cost Pongamia Pinnata Stem Bark	Women's college Samastipur, Bihar
2	04: 19 PM - 04:28 PM	EECH-PIRS-35/O/2026	Dr. Abhishek Sharma	Acoustic Cavitation-Assisted Ag/Fe Heterocatalysis Synergistically Enhances Rapid Degradation of Polybrominated Diphenyl Ethers	RCS College, Manjhaul LNM, Darbhanga
3	04: 28 PM - 04:35 PM	EECH-PIRS-21/O/2026	Dr. Nighat Parveen	Probabilistic Assessment of Human Health Risks from Metal Contamination in Groundwater of Naini Industrial Area, Uttar Pradesh, India	Jawaharlal Nehru University, New Delhi
4	04: 35 PM - 04:42 PM	EECH-PIRS-11/O/2026	Rohit Bhardwaj	Groundwater arsenic contamination and associated Health Risks in the Middle Gangetic Plains, India	TERI SAS, New Delhi
5	04: 42 PM - 04:49 PM	EECH-PIRS-74/O/2026	Shubham Kumar	Deciphering Treatment Efficacy of a Hybrid Subsurface Flow Constructed Wetland: Kinetic and Metagenomic Insights	Central University of South Bihar, Gaya
6	04: 49 PM - 04:56 PM	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	Sambalpur University, Sambalpur (Odisha)
7	04: 56 PM - 05:03 PM	EECH-PIRS-113/O/2026	Shruti Tiwari	Pollution Index-Based Water Quality Assessment of the Ken River System, Bundelkhand, India	University of Allahabad, Prayagraj (UP)
8	05:03 PM - 05:10 PM	EECH-PIRS-114/O/2026	Ashish Kumar Sahu	Seasonal Variation of Microcystin-LR and Associated Health Risks in and around Hirakud Reservoir, India	Sambalpur University, Sambalpur (Odisha)
9	05:10 PM - 05:17 PM	EECH-PIRS-218/O/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	Brabu, Muzaffarpur
10	05:17 PM - 05:24 PM	EECH-PIRS-177/O/2026	Barkha kumari	Seasonal Dynamics of Agricultural Runoff & Insecticide Bioaccumulation in Aquatic Ecosystems	University Department of Zoology BRABU, Bihar

Oral Presentations (Day 2, 29/10/2026) Time 9:00 AM to 11:20 AM

Track 05. Food Security, Nutrition and Environmental Health | Technical Parallel Session -5

Venue: 2nd Floor, Auditorium Hall - II, Vivekananda Complex, CUSB, Gaya

Total oral presentations in this track: 9 | Category 1: 07 | Category 2: 02

S. No	Time	Type of Presentation	Presenter Name(s)	Talk title/ Oral Title	Affiliation
	09:00 AM – 09:30 AM	Keynote	Dr. Antaryami Dash	Assessing the Impact of Climate Change on Food and Nutrition Security in India	Nutrition Specialist, UNICEF, India
	09:30 AM – 09:50 AM	Invited Speaker	Dr. Amit Singh	Food Security and Environmental Health: Resilient Systems, Innovation and Adaptation in Changing Climate	TERI University, New Delhi
	09:50 AM - 10:10 AM	Invited Speaker	Prof. Rajesh Kumar		CURAJ, Ajmer
1	10:10AM – 10:19AM	EECH-PIRS-207/O/2026	Dr. Priyanka Chatterjee	"Estimation of Sugar content in infected leaf tissue extract of Rice cultivars by the bacterium <i>Xanthomonas campestris</i> pv. <i>oryzae</i> for finding of indigenous Rice (<i>Oryza sativa</i> L) germplasm"	R.N. College, Hajipur, Vaishali
2	10:19AM – 10:28AM	EECH-PIRS-214/O/2026	Dr. Nivedita Chaudhary	Ozone-induced oxidative stress and yield losses in wheat and chickpea cultivars: An exposure-response assessment	Central University of Rajasthan, Ajmer
3	10:28AM – 10:35AM	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	Central University of South Bihar, Gaya
4	10:35AM- 10:42AM	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	BIT Mesra Ranchi
5	10:42AM - 10:49AM	EECH-PIRS-47/O/2026	Aparajita	Effects of Aqueous Extract of <i>Allium sativum</i> on Selected Biochemical Parameters in <i>Mus musculus</i>	Bhupendra Narayan Mandal University, Madhepura, Bihar
6	10:49AM - 10:56AM	EECH-PIRS-117/O/2026	Manisha Raj	Comparative biocontrol efficiency of <i>Bacillus amyloliquefaciens</i> and <i>Bacillus subtilis</i> against root-knot nematodes <i>Meloidogyne incognita</i> in rice (<i>Oryza sativa</i>)	Bhupendra Narayan Mandal University, Madhepura, Bihar
7	10:56AM – 11:03AM	EECH-PIRS-199/O/2026	Divyani Kumari	Sustainable Management of Guava Root Nematode Using Biopesticides	BRABU Muzaffarpur, Bihar
8	11:03AM – 11:10AM	EECH-PIRS-226/O/2026	Anamika Kumari	Modified CTAB DNA extraction protocol from Milky Mushroom fruiting body without liquid N2 and 2BME	Patliputra University Patna
9	11:10AM – 11:17AM	EECH-PIRS-230/O/2026	Yamini Ujjwal	Effects of Agricultural Pesticide Runoff on Freshwater Fish Health and Aquatic Ecosystem Sustainability	Bhupendra Narayan Mandal University, Madhepura, Bihar

Oral Presentations (Day 2, 29/10/2026) Time 09:00 AM to 11:10 AM

Track 01. Air Pollution: Public Health Crises and Sustainable Techniques | Technical Parallel Session -6

Venue: 2nd Floor, Main Auditorium Hall, Vivekananda Complex, CUSB, Gaya

Total oral presentations in this track: 8 | Category 1: 06 | Category 2: 02

S. No	Time	Type of Presentation	Presenter Name(s)	Talk title/ Oral Title	Affiliation
	09:00 AM – 09:30 AM	Keynote	Prof. Sagnik Dey	Climate Services for Strengthening Health Security in India: Challenges and Opportunity	IIT-Delhi
	09:30 AM – 09:50 AM	Invited Speaker	Dr. Sayantan Sarkar	The dual role of atmospheric HULIS in driving aerosol climate forcing and oxidative stress in the Himalayas	IIT Mandi
	09:50 AM - 10:10 AM	Invited Speaker	Dr. Sudhir Kr. Pandey	From Foliar Uptake to Green Remediation: Unravelling the Potential of Plant Leaves for Particulate Matter Capture	G.G.V., Bilaspur (C.G)
1	10:10 AM - 10:19 AM	EECH-PIRS-14/O/2026	Dr. Papu Kumar Naik	Carbon Dioxide Capture using Amine-Based Aqueous Solvents: Both Experimental and Simulation Approaches	Mahanth Madhusudan College Bikram, Patliputra University Patna
2	10:19 AM – 10:28 AM	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)	Jamia Millia Islamia, New Delhi, India
3	10: 28 AM - 10:35 AM	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	Research Scholar
4	10:35 AM - 10:42 AM	EECH-PIRS-67/O/2026	Nisha Verma	Atmospheric Uranium Associated with Particulate Matter: Global Occurrence, Sources, Analytical Approaches, Health Risks, and Evidence from India	Central University of South Bihar
5	10:42 AM - 10:49 AM	EECH-PIRS-140/O/2026	Amrendra Kumar Kushwaha	Household Air Pollution and Its Health Consequences: Bridging the Awareness-Exposure Gap in Rural Eastern India	Indian Institute of Technology Mandi
6	10:49 AM – 10:56 AM	EECH-PIRS-146/O/2026	Kumar Gaurav Mishra	Sodium-Rich PM2.5 in a Coal-Industrial Airshed: Influence of Non-Volatile Cations on Inorganic Hygroscopicity	IIT ISM Dhanbad
7	10:56 AM – 11:03 AM	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.	Central University of South Bihar, Gaya
8	11:03 AM – 11:10 AM	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	Jawaharlal Nehru University, New Delhi

Oral Presentations (Day 2, 29/10/2026) Time- 11:30 AM to 1:35 PM

Track 02. Biodiversity Loss, Ecosystem Degradation and One Health Approaches | Technical Parallel Session -7

Venue: 2nd Floor, Auditorium Hall - II, Vivekananda Complex, CUSB, Gaya

Total oral presentations in this track: 7 | Category 1: 05 | Category 2: 02

S. No	Time	Type of Presentation	Presenter Name(s)	Talk title/ Oral Title	Affiliation
	11:30 AM- 12:00 PM	Keynote	Prof. S. Raisuddin	Ecotoxicological consequences of forever chemicals	Jamia Hamdard, New Delhi
	12:00 PM: 12:20 PM	Invited Speaker	Dr. Tanushree Bhattacharya	Integrated Assessment of Microplastics, Toxic Metals, in Informal E-Waste Recycling Environments and its health implication	BIT Mesra, Ranchi (Jharkhand)
	12:20 PM: 12:40 PM	Invited Speaker	Dr. Rupesh Kumar Bhomia	Wetland Ecosystems, Climate Change and Water Security: Implications for Public Health	MSSRF, Chennai (India)
1	12:40 PM -12:49 PM	EECH-PIRS-70/O/2026	Dr. Gini Rani	Phytosociological Analysis and Carrying Capacity Implications for Indigenous Vegetation of Dhanghi Hill, Dhanbad, Jharkhand	Binod Bihari Mahto Koyalanchal University
2	12:49 PM-12:58 PM	EECH-PIRS-131/O/2026	Dr. Archana kumari	Sustainable Water Management and Hatchery-Based Breeding of Kohaku Koi (Cyprinus rubrofasciatus) for Responsible Ornamental Aquaculture	Gaya College, Gaya Ji, Magadh University
3	12:58 PM: 01:05 PM	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	IIT ISM DHANBAD
4	01:05 PM: 01:12 PM	EECH-PIRS-90/O/2026	Sunil Kumar	Freshwater Fish Diversity, Seasonal Occurrence and Conservation Concerns in Purnea District, Bihar	B.N.M.U MADHEPURA
5	01:12 PM-01:19 PM	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	BRABU Muzaffarpur
6	01:19 PM-01:26 PM	EECH-PIRS-121/O/2026	Anuradha Kumari	Influence of Pesticides use in Agriculture on Earthworm population and Soil Health	B.R.A Bihar University Muzaffarpur
7	01:26 PM-01:33 PM	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	Central University of South Bihar, Gaya

Oral Presentations (Day 2, 29/10/2026) Time- 11:30 AM to 1:35 PM

Track 06. Mining and Ecosystem Health | Technical Parallel Session -8

Venue: 2nd Floor, Main Auditorium Hall, Vivekananda Complex, CUSB, Gaya

Total oral presentations in this track: 7 | Category 1: 05 | Category 2: 02

S. No	Time	Type of Presentation	Presenter Name(s)	Talk title/ Oral Title	Affiliation
	11:30 AM- 12:00 PM	Keynote	Dr. Abhay Kumar Singh	Assessment of Factors Controlling Mine Water Geochemistry of Indian Coalfields and its Suitability for Societal Uses	CSIR-CIMFR, Dhanbad (Jharkhand)
	12:00 PM- 12:20 PM	Invited Speaker	Dr. Ashwani Kumar Tiwari	Groundwater Geochemistry and Quality Assessment: A Case Study of the Umaria Coalfield, Madhya Pradesh, India	School of Environmental Sciences, JNU, New Delhi
	12:20 PM- 12:40 PM	Invited Speaker	Dr. Mukesh Kumar Mahato	Sustainable Environmental Management Practices in Coal Mining Regions of Jharkhand, India	Lakshmibai College, University of Delhi, Delhi
1	12:40 PM- 12:49 PM	EECH-PIRS-128/O/2026	Dr. Bhanu Pandey	Ecological Restoration of Mining Industry Waste Dumps Using Native Plant-Microbe Associations and Organic Amendments	CSIR-CIMFR, Dhanbad (Jharkhand)
2	12:49 PM-12:58 PM	EECH-PIRS-182/O/2026	Dr. Abhishek Pandey Bharat	Hydro-geochemical evaluation of mining environment emphasizing contaminants sources and health risks	Gautam Buddha University, Greater Noida
3	12:58 PM- 01:05 PM	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	CSIR-CIMFR, Dhanbad (Jharkhand)
4	01:05 PM- 01:12 PM	EECH-PIRS-127/O/2026	Riha Kumari	Rhizobacteria from Naturally Colonized Coal fly Ash Improve Lemongrass Growth and Root Metal Retention	CSIR-CIMFR, Dhanbad (Jharkhand)
5	01:12 PM-01:19 PM	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	CSIR-CIMFR, Dhanbad (Jharkhand)
6	01:19 PM-01:26 PM	EECH-PIRS-228/O/2026	Aditya Kumar Verma	Evaluation of Physio-chemical Properties of soil Through Depth-Wise Sampling”	CSIR-CIMFR, Dhanbad (Jharkhand)
7	01:26 PM-01:33PM	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	Sambalpur University Sambalpur (Odisha)

Oral Presentations (Day 2, 29/10/2026) Time 2:30 PM to 5:00 PM

Track 07. Public Health Systems and Environmental Justice | Technical Parallel Session -9

Venue: 2nd Floor, Main Auditorium Hall, Vivekananda Complex, CUSB, Gaya

Total oral presentations in this track: 10 | Category 1: 07 | Category 2: 03

S. No	Time	Type of Presentation	Presenter Name(s)	Talk title/ Oral Title	Affiliation
	2:30 PM- 03:00 PM	Keynote	Prof. Chander Kumar Singh	Reducing the arsenic poisoning in India	Gautam Buddha University, Greater Noida (UP)
	3:00 PM- 03:20 PM	Invited Speaker	Ms. Surabhi Sanchita	Environmental Justice in Contemporary Society	AOR, Supreme Court of India
	03:20 PM- 03:40 PM	Invited Speaker	Dr. Arun Kumar	Heavy Metal Contamination in the Gangetic Plains of Bihar: Public Health Impacts, Emerging Risks: Present Perspectives and Future Directions	Mahavir Cancer Institute and Research Centre, Patna
1	3:40 PM- 03:49 PM	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	Jamia Hamdard, New Delhi
2	3:49 PM- 03:58 PM	EECH-PIRS-187/O/2026	Dr. Shagufta Ansari	Women, Environmental Justice, and Community Resilience in India: Gendered Responses to Emerging Environmental Challenges	Gautam Buddha Mahila College, Gaya Ji
3	03:58 PM- 04:08 PM	EECH-PIRS-220/O/2026	Ontari Sudhakar Reddy	Kayakalp as a Preventive Public Health Intervention: Strengthening Environmental Health in Public Health Facilities	UNICEF, Bihar
4	04:08 PM- 04:15 PM	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	ICMR-RMNIHR, Patna
5	04:15 PM- 04:22 PM	EECH-PIRS-01/O/2026	Sagar Pandey	Environmental Health Inequities and Public Health Systems in India: Towards an Environmental Justice Framework	Maulana Azad National Institute of Technology
6	04:22 PM- 04:29 PM	EECH-PIRS-09/O/2026	Priyal Patidar	FLUE-B3: Federated Learning-Based Lung Nodule Segmentation Using U-Net++ and EfficientNet-B3	National Institute of Technology Patna
7	04:29 PM- 04:36 PM	EECH-PIRS-20/O/2026	Manish Kumar Singh	Reviving precision bacteriophage therapy to counter multidrug-resistant Klebsiella pneumoniae	Deen Dayal Upadhyaya Gorakhpur University Gorakhpur
8	4:36 PM- 04:43 PM	EECH-PIRS-32/O/2026	Ayushee Agarwal	Therapeutic effect of Cascabela theventia latex extract against DMBA induced breast cancer in rats	Patna University, Patna, Bihar
9	4:43 PM- 04:50 PM	EECH-PIRS-69/O/2026	Ayush Mukati	Explainable Artificial Intelligence for Chronic Kidney Disease Prediction: A comparative analysis across patient subgroups	National Institute of Technology, Patna
10	4:50 PM- 04:57 PM	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	Bnm Madhepura

Oral Presentations (Day 2, 29/10/2026) Time 2:30 PM to 5:00

Track 09. Water Pollution and Scarcity: Dwindling Freshwater Resources | Technical Parallel Session -10

Venue: 2nd Floor, Auditorium Hall - II, Vivekananda Complex, CUSB, Gaya

Total oral presentations in this track: 10 | Category 1: 10 | Category 2: 00

S. No	Time	Type of Presentation	Presenter Name(s)	Talk title/ Oral Title	Affiliation
	2:30 PM- 03:00 PM	Keynote	Prof. Anshumali	Microscale Assessment of Watersheds: An Implication in Restoration, Protection, and Conservation of Indian River Basins	IIT-ISM, Dhanbad
	03:00 PM - 03:20PM	Invited Speaker	Dr. Manish Kumar	Decentralised Waste Management Model for Sustainable Rural Agriculture: “Addressing Environmental Issues Through Waste Management and Biochar Application”	IMMT, Bhubaneswar
	03:20 PM- 03:40 PM	Invited Speaker	Dr. Anurag Linda	Rethinking Water Sustainability: Natural Springs as Critical Resources for Resilient Water Management	Central University of Jharkhand, Ranchi
1.	3:40 PM- 03:47 PM	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	Central University of South Bihar, Gaya
2.	3:47 PM- 03:54 PM	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	Patna University Patna
3.	03:54 PM- 04:01 PM	EECH-PIRS-194/O/2026	Annu kumari	Heavy Metal Contamination and Ecological Risk Assessment in Sediments of Gangetic Plain at Mokama Region	Patna University, Patna
4.	04: 01PM- 04:08 PM	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.	Central University of South Bihar, Gaya
5.	04: 08PM- 04:15 PM	EECH-PIRS-205/O/2026	Anshu Kumari	Per- and Polyfluoroalkyl Substances in Wastewater: Occurrence, Environmental Concerns and Treatment Challenges	Birla Institute of Technology, Mesra
6.	04: 15 PM- 04:22 PM	EECH-PIRS-208/O/2026	Gopalkumar	The Journey from Curse to Boon: Water Hyacinth in Bihar	BNMU, Madhepura Bihar
7.	04: 22PM- 04:29PM	EECH-PIRS-225/O/2026	Subhosree Goswami	Remote Sensing and Machine Learning based Assessment of Groundwater Scarcity and Depletion in Jharkhand, India	Birla Institute of Technology, Mesra
8.	04: 29PM- 04:36 PM	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	Central University of South Bihar, Gaya
9.	04: 36PM- 04:43 PM	EECH-PIRS-200/O/2026	Ashish Ranjan	Ecotoxicological Evaluation of Cadmium Toxicity and Behavioural Responses in the Asian Wetland Bioindicator Channa gachua (Hamilton, 1822)	Patna University, Patna
10.	04: 43 PM- 04:50 PM	EECH-PIRS-139/O/2026	Aneet Kumar Yadav	Heavy Metal Accumulation in Naturally Occurring Aquatic Macrophytes of the Basuhi River, Jaunpur, Uttar Pradesh, India	BBAU Lucknow and Uttar Pradesh Pollution control board muzaffarnagar