



Program Details
AHEAD2025 International Conference
December 15-17, 2025
IIT Roorkee

Timings	15th December 2025 15th Dec Pre-Conference Workshop [10 am – 1.00 pm]
9:00 – 10:00 AM	Arrivals, Registrations (1st Floor, Dept. of HSS)
10:00 – 11:30 AM	Prof. Suman Seth (University of Leeds, UK) Title: Issues with Inequality Measurement with Health-related Variables (Venue: 205, Committee Room, Dept. of HSS)
11:30 – 12:00 PM	Tea Break
12:00 – 01:00 PM	Prof. Prateeksha Maurya (Scientific Editor Elsevier) Title: How to Publish in High Impact Factor Journals: Insights from a Scientific Editor at Elsevier (Venue: 205, Committee Room, Dept. of HSS)
01.00 - 2.30PM	Lunch Break
03:00 – 4:00 PM	Inaugural Session (Venue: MAC Auditorium) Guest of Honor: Prof. (Dr.) Bhanu Duggal, Professor & Head, Cardiology, AIIMS Rishikesh; & Head, HTA, ICMR Chief Guest: Prof. V. C. Srivastava, Dean International Relations, IIT Roorkee Keynote Speaker: Prof. Sabu Padmadas, University of Southampton, UK
4:00 – 4:30 PM	Group Photo and High Tea/Coffee
4:30 – 6:30 PM	Keynote Technical Session (Venue: MAC Auditorium) Chair: Prof. Prakash Chand Kandpal, ICCR Chair of India Studies, University of Southampton, UK 1. Prof. Dibyendu Maiti, Delhi School of Economics 2. Prof. Suman Seth, University of Leeds, UK 3. Prof. Margaret Triyana, Senior Economist, World Bank
6.45 – 8.30 PM	Cultural Event (Venue: MAC Auditorium)
8.30 – 10.30 PM	Gala Dinner (Venue: MAC Auditorium)



Tuesday 16 December 2025: 09:15 AM – 10:45 AM IST		
Paper ID	Title	Authors
Technical Session 1A (Health Risk and Financing) Chair: Prof. Narayan Sethi; Rapporteur & Coordinator: Fahimuddin Ahmad (Venue: H406)		
AHEAD2025-01	Coping with Health Shocks: Consequences for Multidimensional Poverty in India	Dinesh Ahirwal*; Prof. Anjali Dhengle
AHEAD2025-02	Investigating the Impact of Digital Financial Inclusion on Improving Health and Well-Being for Sustainable Development in Asian Economies	Diksha Kumari*; Prof. Arun Kumar Giri (Online)
AHEAD2025-03	Fault Lines of Protection: A Composite Index Approach to Health Insurance Vulnerability-Induced Poverty in India	Karthika V. Menon*
Technical Session 1B (Health Risk and Financing) Chair: Prof. Pinki Chahal; Rapporteur & Coordinator: Kripa Nandan (Venue: H411)		
AHEAD2025-04	Implementation Effectiveness and Sustainability of PM-JAY: A Multi-dimensional Analysis of India's Universal Health Coverage Journey	Naboshree Bhattacharya*; Prof. Sweta Sharan; Prof. Divya Bansal (Online)
AHEAD2025-05	What Drives Doctors to Prescribe Generic Medicines? Insights from an SEM-Based Study in India	Prof. Apurvaa Trivedi*; Som Aditya Juyal(Online)
AHEAD2025-06	Public Financing of Health in India: Is there a transition?	Smita Choudhury*; Prof. Rajshree Bedamatta (Online)
Technical Session 1C (Health Risk and Financing) Chair: Prof. Dibyendu Maiti; Rapporteur & Coordinator: Jatinder Singh (Venue: H205, Committee Room)		
AHEAD2025-07	Health Shocks from NCDs and the Rise of Poverty: A State-wise Assessment in India	Mukul Das*; Prof. Manish Kumar
AHEAD2025-08	Towards Universal Health Coverage in India: A Case for Nationalising Private Insurance and Integrating Medical Savings Accounts	Nikita Dhawan*; Prof. Subhash Patil
AHEAD2025-09	The Illusion of Choice: Decoding India's Health Insurance Paradox through the Lens of Behavioural Economics and Market Complexity	Vedant SV. Yete*
AHEAD2025-10	Political Economy of Health Expenditure and Health Insurance in India: Cooperation and Contestation	Prof. Balakrushna Padhi; Prof. Mohammad Kashif Khan*; Khushboo Srivastava (Online)
Technical Session 1D (Development Disconnect: Education, Labour, and Informal Enterprises) Chair: Prof. Priti Agarwal; Rapporteur & Coordinator: Urmi Paul (Venue: H301)		
AHEAD2025-11	An Interpretative Phenomenological Analysis of Pathological Concern in Homosexual and Bisexual Individuals	Shubham Gupta*; Prof. Priyanka Tiwari



AHEAD2025-12	Does Unemployment Affect Crime? Evidence from Indian Districts	Prof. Chandan Kumar Mohanty*; Prof. Smrutirekha Mohanty
AHEAD2025-13	The Role of Health Insurance in Healthcare Utilization and Costs Among Aging Adults in India: A Moral Hazard Perspective	Prof. Milind Kumar Yadav*; Prof. Pratap C. Mohanty; Pragya Taneja
Technical Session 1E (Development Disconnect: Education, Labour, and Informal Enterprises) Chair: Prof. Usha Lenka; Rapporteur & Coordinator: Soma Bharti (Venue: H207, Reading Room)		
AHEAD2025-14	Strategic Social Enterprises in Rural Contexts: Applying Innovative Approaches for Enhanced Integration	Prof. Babita Chatterjee*
AHEAD2025-15	Unlocking the Potential of young women through skilling: Evidence from Mixed Method Study in Rajasthan, India	Prof. Basant Kumar Panda*; Nee Pandey; Sudeshna Maitra; Snigdha Banerjee
AHEAD2025-16	Digital Humanities and Cultural Preservation: An Analytical Study of Digital Archives in 21st - Century of Rajasthan	Prof. Kalpana *

Tea Break: 10:45-11.00 AM [Terrace, 6th Floor, HSS Dept.]

Tuesday 16 December 2025: 11:00 AM – 12:30 PM IST		
Paper ID	Title	Authors
Technical Session 2A (Climate Change, Environmental Health & Governance) Chair: Prof. Aparajita Singh; Rapporteur & Coordinator: Nikita Sharma (Venue: H406)		
AHEAD2025-17	Can Women's Empowerment Reduce Household Multidimensional Energy Poverty? Empirical Evidence from Eastern Rural India	Rajashree Patra*; Prof. Sunil Khosla
AHEAD2025-18	Advancing Microbial Nano-Electrigen Technology for Wastewater-to-Energy Conversion: A sustainable climate and environmental perspective	Prof. Utkarsh Jain*
AHEAD2025-19	Hazardous Industries and Local Community Health Disruptions: Empirical Evidence from Panipat, Northern India's Textile Hub	Prof. Pinki Chahal*; Prof. Durairaj Kumarasamy; Prof. Santosh Kumar
Technical Session 2B (Climate Change, Environmental Health & Governance) Chair: Prof. Narayan Sethi; Rapporteur & Coordinator: Nikita Jain (Venue: H301)		
AHEAD2025-20	Challenges of Climate Change and Its Impacts on Environment and Public Health in India: Governance Approaches, Mitigation Measures and Adaptation Strategies Needed	Prof. Bhaskara Rao Mulam*
AHEAD2025-21	Natural Disaster Exposure and Water-Borne Diseases Among Older Adults in India: Are Affected Areas More Vulnerable?	Anurag Yadav*; Prof. Md. Juel Rana
AHEAD2025-22	Weak Sustainability, Genuine Wealth and Carbon Emissions	Prof. Priti Agarwal*
AHEAD2025-23	Green Transition in Indian Schools: A Comparative Analysis	Prof. Rupali Khanna, Prof. Vandita Sahay*



Technical Session 2C (Climate Change, Environmental Health & Governance) Chair Prof. S P. Singh; Rapporteur & Coordinator: Milind K. Yadav (Venue: H207, Reading Room)		
AHEAD2025-24	Dynamics of Renewable Energy, Natural Resources and Environmental Sustainability Nexus in Developing Countries: Catalysing the moderating role of geopolitical risk and migration	Rajib Malik*
AHEAD2025-25	Investigating the Role of Greenfield Investment, Green Energy Transition and Ecological Governance Towards Green Growth in Emerging Economies	Keshav Anand*; Prof. Narayan Sethi
AHEAD2025-26	Multidimensional Energy Poverty in the Era of Digitalisation: Analysing the Incidence, Intensity and Determinants of Energy Poverty	Priyandu M. Bajpayee*; Prof. Pratap Chandra Mohanty
AHEAD2025-27	Green Finance Meets Sustainability: Reassessing the Kuznets Curve in the Context of Climate Action and Governance in the Selected G20 Countries	Prince Singh*; Prof. Pabitra Kumar Jena
Technical Session 2D (Occupational Health) Chair: Prof. Suman Seth; Rapporteur & Coordinator: Rashi Jain (Venue: H205, Committee Room)		
AHEAD2025-28	Does Precariousness Explain Long-Term Morbidity in India?	Chinngaineng Haokip*; Prof. Dibyendu Maiti
AHEAD2025-29	Dual Health Vulnerabilities Among Return Migrants in Kerala: Evidence from the Kerala Migration Survey 2018	Praveena A*
AHEAD2025-30	Access to Healthcare Services in Uttarakhand: A Multivariate Analysis	Prof. Reena Kumari*; Prof. Rosy Sulochana (Online)
Technical Session 2E (Occupational Health) Chair: Prof. Basant Panda; Rapporteur & Coordinator: Jatinder Singh (Venue: H411)		
AHEAD2025-31	Sanitation and Policy Implementation in Small Municipalities: A Qualitative Study of Cooch Behar, a District in North Bengal	Srijani Ganguly*(Online)
AHEAD2025-32	Do Indian Parliamentary Debates Oversight Silicosis? Text Analysis using Structural Topic Model	Akash Pal *; Prof. Pratap C. Mohanty
AHEAD2025-33	Occupational Health, Well-being, and Social Security for Gig Workers in India	Vikrant Yadav*(Online)
12:30 PM- 1:30 PM (Venue: H205, Committee Room)	Distinguished Lecture Chair: Prof. Santosh K. Gautam, University of Notre Dame, USA Prof. Braj Bhushan, Deputy Director, IIT Kanpur Prof. Indrani Roy Chowdhury, JNU Prof. Kaveri Mayra, Global Health Scientist Prof. Prasant K. Panda, Economic Adviser, 16 th Finance Commission	

Lunch Break: 1.30 – 2.30PM [Terrace, 6th Floor, HSS Dept.]



Tuesday 16 December 2025: 2:30 PM – 04:00 PM IST		
Paper ID	Title	Authors
Technical Session 3A (Efficiency, Productivity, and Performance in Healthcare) Chair: Prof. Prateeksha Maurya; Rapporteur & Coordinator: Jatinder Singh (Venue: H406)		
AHEAD2025-34	Assessing Green Productivity Dynamics in the Indian Pharmaceutical Industry Using GMLI	Soma Bharti *; Kamal Sharma; Prof. Pratap C. Mohanty
AHEAD2025-35	Dynamic Marketing Efficiency of Indian Pharmaceutical Industry: A Window Data Envelopment Analysis	Kamal Sharma *; Soma Bharti; Prof. Pratap C. Mohanty
AHEAD2025-36	Fair and Efficient Healthcare: Bridging Performance, Equity, and Access	Prof. Manorama Patnaik*; Naboshree Bhattacharya; Rinku(Online)
Technical Session 3B (Gender, Health Inequities, and Care Injustice) Chair Prof. Chandan K. Mohanty; Rapporteur & Coordinator: Rishika Tomar (Venue: H207, Reading Room)		
AHEAD2025-37	Domestic Violence and Economic Marginalization of Women in Caste-based Communities: A Case Study of Mudulisahi in Odisha	Prof. Arpita Saha* (Online)
AHEAD2025-38	Does Coercive Control Experienced by Mothers Impact Child Health in South Asian Countries? Evidence from Mixed-Effects Logistic Regression Analysis	Charu Tayal*(Online)
AHEAD2025-39	Maternal Healthcare Utilization in Empowered Action Group States of India: The Interplay of Social Determinants with Women's Autonomy	Sayani Paul*; Vasim Akram
Technical Session 3C (Gender, Health Inequities, and Care Injustice) Chair: Prof. Vandita Sahay; Rapporteur & Coordinator: Urmi Paul (Venue: H301)		
AHEAD2025-40	The Gendered Burden of Industrial Pollution in India: How Women Bear the Brunt of Toxic Air, Unpaid Care and Economic Exclusion	Gaatha Bhatnagar*(Online)
AHEAD2025-41	Trends in Absolute and Relative Health Inequalities in India, 1991–2022: Are Inequalities Swimming Against the Progress in Average Health Status?	Mahtab Alam*; Prof. Srinivas Goli
AHEAD2025-42	Silent Endurance: Women's Experience and Justification of Obstetric Mistreatment in Jharkhand, India	Rashi Jain*; Prof. Pratap C. Mohanty
Technical Session 3D (Gender, Health Inequities, and Care Injustice) Chair: Prof. Babita Chatterjee; Rapporteur & Coordinator: Kaneez Fatima Dar (Venue: H205, Committee Room)		
AHEAD2025-43	Gender Inequality and Health Disparity among Migrant Women Construction Workers in Ahmedabad, Gujarat	Mitulkumar Chaudhari*; Shukkoor T; Jagat Jyoti Rath; Pravin Jadhav



AHEAD2025-44	Exploring Reproductive Autonomy in Odisha: The Role of Fertility Preferences and Access to Reproductive Health Services	Bibhu Prasad Mohanty*
AHEAD2025-45	Out-Of-Pocket Expenditure in Maternity Care in Public Health Facilities and Policy Implications of Janani Suraksha Yojana in India	Sai Joshi*; Sabu Padmadas; Sarah Neal

High Tea Break: 04:00-4.30 PM [Terrace, 6th Floor, HSS Dept.]

Tuesday 16 December 2025: 04:30 PM – 06:00 PM IST		
Paper ID	Title	Authors
Technical Session 4A (Health Behaviour & Cognition) Chair: Prof. Manish Asthana; Rapporteur & Coordinator: Nikita Jain (Venue: H406)		
AHEAD2025-46	MUMTG-StressNet: Baseline Unimodal and Multimodal Stress Detection Using Physiological and Eye Gaze Data	Alisha Madaan*; Amritpal Singh (Online)
AHEAD2025-47	Assessing the Impact of Janani Suraksha Yojana on Maternal Health Care Across Indian States	Satyanarayan Kumbhakar*; Pinaki Das
AHEAD2025-48	The Association between Sociocultural Attitudes of Appearance, Eating Behaviors and Body Image Dissatisfaction, with Automatic Negative Thoughts as a mediator, among Indian young women	Anshika Singh*
Technical Session 4B (Health Behaviour & Cognition) Chair: Mr. Mohit Chandra (Clinical psychologist); Rapporteur & Coordinator: Rashi Jain (Venue: H205, Committee Room)		
AHEAD2025-49	An Empirical Analysis to Understand the Utilisation of Maternal Health Care Services in Madhya Pradesh, State of India	Prof. Y. N. Raju*; Mamta Waiker; Prof. K. Ramachandra Rao
AHEAD2025-50	Assessing Emotional and Social Dispositions in Engineering Students: A Study Using the Eysenck Personality Inventory	Chinmaya Nadig*; Nidhi M; Prof. Bindu Ashwini; Tarun Pedada; Avikshit B
AHEAD2025-51	Memory Suppression in Addiction: A Cognitive Pathway to Healthier Recovery	Dipti Singh*; Prof. Manish Asthana
AHEAD2025-52	Understanding the fabric of EFT in Cognitive Health using the CaR-FA-X Model	Sakshima Mishra*; Prof. Manish Asthana
Technical Session 4C (Health Behaviour & Cognition) Chair: Prof. Bindu Ashwini; Rapporteur & Coordinator: Milind K. Yadav (Venue: H411)		
AHEAD2025-53	Developing an Indian Emotional Movie Database	Kaneez Fatima Dar*; Prof. Manish Asthana
AHEAD2025-54	From Clinic to Cradle: Estimating the Effects of Antenatal Care on Low Birth Weight in India	Prof. Santosh Gautam*; Kaushalendra Kumar; Kompal Sinha
AHEAD2025-55	Virtual Noise: The Effect of Online Distractions on Cognitive Well-Being	Vidisha Maithani*; Prof. Manish Asthana



Technical Session 4D (Perspectives on Aging, Health, and Wellness) Chair: Dr. Anshul Chauhan; Rapporteur & Coordinator: Kripa Nandan (Venue: H301)		
AHEAD2025-56	Aging in India: Public Policy Perspectives on Advancing Health and Wellness in a Changing Demographic Landscape	Prof. Menaka Biswal*(Online)
AHEAD2025-57	Counting the Costs of Polymorbidity: A Study on Middle-Aged and Older Adults	Pragya Taneja *; Prof. Pratap C. Mohanty
AHEAD2025-58	Determinants of Foodbank Use and Wellbeing Outcomes: Evidence from Nationally Representative Survey Data in the UK	Tanisha *
Technical Session 4E (Perspectives on Aging, Health, and Wellness) Chair: Prof. Aviral Marwal; Rapporteur & Coordinator: Fahimuddin Ahmad (Venue: H207, Reading Room)		
AHEAD2025-59	Health Behaviours and Quality of Life Among the Ageing Population in Rural and Urban India: A Cross-Sectional Study	Jeevitha Gowda R*; Neriah Samraksha; Anurag Dwivedi; Sukriti Khanna
AHEAD2025-60	Gray Matters: Unpacking Economic and Health Access Inequities in Aging Uttar Pradesh	Sachi Pal*; Alok Prajapati (Online)
AHEAD2025-61	The Impact of Covid-Zones on Health and Well-being: Evidence from Kolkata, India	Prof. Suman Seth *; Bhaskar Bhattacharya; Indranil Dutta
AHEAD2025-62	Aging, Health, and Wellness: A Contemporary Perspective	Prof. Purusharth Kumar Sharma*, Prof. Manoj Meena (Online)

Wednesday 17 December 2025: 10:00 AM – 11:30 AM IST		
Paper ID	Title	Authors
Technical Session 5A (Nutrition and Human Capital) Chair: Prof. K. B. Pradhan; Rapporteur & Coordinator: Soma Bharti (Venue: H406)		
AHEAD2025-63	The Role of Rotavirus Vaccine in Enhancing Child Nutritional Status: A Propensity Score-Based Evaluation	Gourav*; Rajesh Sharma (Online)
AHEAD2025-64	Beyond Income: The Role of Behavioural Modernisation in India's Nutrition Transition	Sunil Meher*; Prof. Pradyot Ranjan Jena
AHEAD2025-65	Nutrition in Transition: Exploring Odisha's Regional Food Consumption Trends	Mayadhar Sethy(Online)*
Technical Session 5B (Nutrition and Human Capital) Chair Prof. Milind K. Yadav; Rapporteur & Coordinator: Kaneez Fatima Dar (Venue: H411)		
AHEAD2025-66	Impact of Integrated Child Development Services (ICDS) on Child Malnutrition in India: Evidence from NFHS Data Using Difference-in-Difference Analysis	Priya Ranjan*; Prof. Prasant Kumar Panda



AHEAD2025-67	An Anthropological Overview of Knowledge, Practices, and Perceptions Related to Health and Nutrition in Prayagraj and Sultanpur Districts of Eastern Uttar Pradesh	Sriya Rane*; Dipti Arora
AHEAD2025-68	An Exploration of Gender Diversity, Wage Disparity, Leadership, and Firm Performance in the Formal Sector: A Bibliometric Analysis	Urmi Paul*; Akash Pal; Prof. Pratap C. Mohanty
Technical Session 5C (Health System, Technological Disruptions and Governance) Chair: Prof. Y. N. Raju; Rapporteur & Coordinator: Kripa Nadan (Venue: H207, Reading Room)		
AHEAD2025-69	Exploring Ringxiety, Technophobia, Technophilia and Sleep Quality among Gen Z: A Qualitative Enquiry	Akansha Rajkhowa*; Prof. Ravi P. Pandey(Online)
AHEAD2025-70	Mental Health Care in Urban India: Infrastructure, Professions, and Planning Gaps	Prof. Asesh Sarkar*; Prof. Tina Pujara(Online)
AHEAD2025-71	Strategies for Technology Integration in Hospitals for Rural India: Evidence from Field Study	Nakul Saha*; Deeksha Patle; Anil Mandal; Prof. Esha Saha; Prof. Shikha Singh; Prof. Monika Sonu; Kingshuk Chakraborty
Technical Session 5D (Health System, Technological Disruptions and Governance) Chair: Prof. Prateeksha Maurya; Rapporteur & Coordinator: Rishika Tomar (Venue: H205, Committee Room)		
AHEAD2025-72	Revolutionizing Global Healthcare through Innovative Work Orientation Themes and Frameworks: Insights drawn from the Literature	Anjana Gupta*; Prof. Anshu Yadav; Apoorv Gupta (Online)
AHEAD2025-73	Policy Crossroads: Integrating Traditional Knowledge into TRIPS-Compliant Patent Frameworks for Healthcare Equity in India	Dhairya Jaiswal*; Sonam Chandani
AHEAD2025-74	Strategies for Patient-Centred Health Technology Adoption for Enhanced Accessibility & Affordability of Healthcare Services in Rural India	Deeksha Patle*; Nakul Saha; Prof. Esha Saha; Prof. Shikha Singh; Prof. Monica Sonu; Kingshuk Chakraborty; Anil Mandal; Prof. Pradeep Rathore
Technical Session 5E (Health System, Technological Disruptions and Governance) Chair: Prof. Pratap C. Mohanty; Rapporteur & Coordinator: Nikita Jain (Venue: H301)		
AHEAD2025-75	ICT-led Socio-Economic Divide in India: A Regression- based Decomposition analysis	Jatinder Singh*; Prof. Pratap C. Mohanty
AHEAD2025- 76	Impact of Alcohol Ban in Bihar on Anemia	Vivekanand Jaiswal*; Prof. Aviral Kumar Tiwari; Prof. Madhumita Das
AHEAD2025-77	AI-Assisted Diabetic Retinopathy Screening in India's Primary Healthcare: Pragmatic Three-Arm Observational Study	Dr. Anshul Chauhan*, Dr. Vishali Gupta, Dr. Luke Vale, Dr.Mona Duggal

High Tea Break: 11:30-11.45 AM [Terrace, 6th Floor, HSS Dept.]



12:00 PM- 1:00 PM (Venue: Auditorium, 6 th Floor)	Valedictory Session Chair: Prof. Binod Mishra Valedictory Address - Prof. K.B. Pradhan Certificate Distribution Feedbacks
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Lunch Break: 1.00 – 2.30PM [Terrace, 6th Floor, HSS Dept.]

Prof. Pratap C. Mohanty
(Organizing Secretary / Convenor)



Hosted by: **AHEAD Lab**, IIT Roorkee.
Details of the conference: www.ahead.iitr.ac.in
Kamal Sharma, (Mobile No.: 7229932233)
(Student Coordinator)
Email: ahead@iitr.ac.in
Landline: +91-0133228-4884 (11AM – 6PM, IST),

Weather Condition and Tourist Hotspots

The temperature in Roorkee in December ranges around a high of 23°C to a low of 06°C.

<http://uttarakhandtourism.gov.in/>; <https://www.euttaranchal.com/tourism/roorkee-excursions.php>