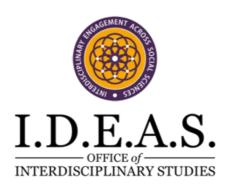# Updated Preliminary Programme

The First STS India Network Conference
Co-shaping of Science, Technology, and Society in India
O.P. Jindal Global University, Sonepat, NCR of Delhi
15 - 17 December 2025

Day 0, December 14, 2025

12.00 hrs onwards	Arrival

Day 1, December 15, 2025
Inauguration
8.30-9.30 hrs | Venue: TBD

Details to follow

Session I: Roundtable I
9.30-11.00 hrs

Knowledge and Democracy

Chair: Madhulika Banerjee (University of Delhi)

Venue: TBC

Sanil V. *(Indian Institute of Technology Delhi)*

Richa Kumar *(Indian Institute of Technology Delhi)*

Shambu Prasad *(Institute of Rural Management, Anand)*

Tea Break
Time 11.00-11.15 hrs | Venue: TBC

Session 2: Concurrent Panels 1-4
11.15-12.45 hrs | Venue: refer below

I. Digi I | Making the Digital work

Chair: Arjun Ghosh (Indian Institute of Technology Delhi)

Venue: TBC

CAPTCHA-ring the Human: How to prove that you are a human to a machine.
Meera Muthukrishnan *(Vision Empower and IIIT Bengaluru)*
Swati Ganeshan *(IIIT Bengaluru)*
Joyeeta Dey *(Manipal Academy of Higher Education, Bengaluru)*

From middlemen to entrepreneurs: Reconfiguring intermediaries in India's platformizing welfare system.
Viraj Desai *(Independent Researcher)*

Seeing in units: Unpacking expansionist visions of AI through data work.
Srravya Chandhiramowuli *(University of Edinburgh)*

Beyond QR codes and sound boxes: Studying the infrastructural imaginary of UPI as DPI in practice.
Sookthi Kav *(IIIT Bengaluru)*
Bidisha Chaudhuri *(University of Amsterdam)*

2. Hist I | Histories of Science in India

Venue: TBC

Global Science: A Challenge to Nationalism or not? A Perspective from Non-Western Experiences of Science and Technology Development.
> *Abhinav Tyagi (Institute of Public Health, Bengaluru)*

Recording the act of recordings: On preservation, forgetting, and machine's marks.
> *Shahal B. (Kannur University, Kerala)*

The Inner-City of Statistics: Three Moments from Municipal Science.
> *Aman Roy (The City University of New York)*

3. Envi I | Navigating Knowledge Contestations: Insights from Agroecological Transitions in India

Chair: Amrita Kurian (Max Weber Forum for South Asia Studies, New Delhi)
Convenors: Richa Kumar, and C. Shambhu Prasad
Venue: TBC

> *Richa Kumar (Indian Institute of Technology Delhi)*
>
> *C. Shambu Prasad (Institute of Rural Management, Anand)*
>
> *Caroline Fazil (WASSAN and National Coalition for Natural Farming)*
>
> *Rashmi Mahajan (WASSAN and National Coalition for Natural Farming)*
>
> *Narendranath Damodaran (National Anchor, National Coalition for Natural Farming)*

4. Nest I | Technologies of/about The Body

Chair: Parvathi K. Iyer (Central University of Gujarat, Vadodara)

Venue: TBC

Developing a question prompt list on participation in clinical trials for breast cancer patients and survivors.
> *Sneha G. (Indian Institute of Technology Hyderabad)*
> *Anamika Bhargava (Indian Institute of Technology Hyderabad)*
> *Mahati Chittem (Indian Institute of Technology Hyderabad)*
> *Shweta Chawak (Indian Institute of Technology Bombay)*

Health innovation in low-resource settings: Perspectives from Indian oncology professionals, patients and caregivers.
> *Rajisha Sharma (Indian Institute of Technology Hyderabad)*
> *Vandana Sharma (Indian Institute of Technology Hyderabad)*
> *Mahati Chittem (Indian Institute of Technology Hyderabad)*

Seeing without data: A case of dengue surveillance in Delhi.
> *Shweta Rani (Azim Premji University, Bengaluru)*

Lunch
Time 12.45-14.00 hrs | Venue: TBC

Session 3: Concurrent Panels 5-9
14.00-15.30 hrs │Venue: refer below

5. Envi 2 │ Shifting Regional Technoscapes

Chair: Tannistha Samanta (FLAME University, Pune)

Venue: TBC

Between saw-mills, wagonways and e-auction: The commodification of teak trees in Malabar
> *Lakshmi Krishnakumar (French Institute of Pondicherry)*

In the body flows the river: Embodied ecologies of water politics in the Kaveri delta, India
> *Tanvi Agrawal (Wageningen University & Research, The Netherlands)*

Negotiating the measurement problem in millets revival: Experiences from a dehuller intervention in peninsular India.
> *Swaran V. (Indian Institute of Management Kozhikode)*
> *Srijit Mishra (University of Hyderabad)*

Spectre of water meters: Towards ethnography of technology
> *Amit Srivastwa (Dr. B. R. Ambedkar University Delhi)*

6. Envi 3 │ Co-Producing Infrastructures and Governance: Exploring the Material Entanglements of Energy and Bureaucratic Structures

Chair: Rohit Negi (Indian Institute of Management Calcutta)

Convenor: Abhinav Sharma, Independent Researcher │ *Chair:* TBC

Venue: TBC

Evolution of 'electro-bureaucracies' in India: institutional, governance, and cultural transformations around electricity infrastructure.
> *Abhinav Sharma (Independent Researcher)*

The green energy transiting and governance: The infrastructural challenges in the integration of renewable energy.
> *Abhinav Tyagi (Institute of Public Health, Bengaluru)*

Innovative governance of off-grid renewable energy in Chhattisgarh: Co-shaping technology and institutional trajectories.
> *Sarada Prasanna Das (Sustainable Futures Collaborative, New Delhi)*

7. Nest 2/Envi 4 │ Systems and Solutions

Chair: Mahendra Shahare (Indian Institute of Technology Bombay)

Venue: TBC

Contextualizing innovation in India's STI framework: A pathway to the deployment of predictive technologies.
> *Neha Sehra (Institute of Rural Management, Anand)*

Culturally-sensitive AI development: From the perspective of responsible innovation
> *Ranjana Kushwaha (Jawaharlal Nehru University, New Delhi)*

Just mobility transition in Delhi: Examining the present e-mobility debate and past lessons from the diesel/petrol to CNG transitions
> *Mukesh Lakum (Institute of Transformative Change , Ahmedabad)*

"Tidal flooding must be a disaster:" Observations from estuarine central Kerala

Sumitra Nair (Ashoka University, Delhi NCR)

8. Digi 2 | (Ac)counting With and Beyond Data

Chair: Usha Raman (University of Hyderabad - Retd.)

Convenors: Janaki Srinivasan; Anushree Gupta; Srravya Chandhiramowuli

Venue: TBC

Ac(counting) in AI supply chains: Tracing presumptions of total countability in data work
   Srravya Chandhiramowuli (University of Edinburgh)

(Ac)counting through a pandemic: What dashboards during COVID decided to count
   Janaki Srinivasan (University of Oxford)

(Ac)counting for precarity: Gig workers' embodied experiences as proxy data.
   Anushree Gupta (Indian Institute of Technology Hyderabad)

9. Fem I | Women and Technology

Chair: Chinar Mehta (International Institute of Information Technology Bengaluru)

Venue: TBC

Feminist STS and gendered dimensions of technology: Is there a learning transformation? women's smartphone-based education in rural Bangladesh
   Bonna Chakraborti (North South University)

The digital commodification of menstrual health: Feminist STS perspectives on data privacy, surveillance, and reproductive autonomy
   Sinchan Jha (Indian Institute of Technology Hyderabad)

Politicising women's safety in urban spaces
   Shivangi Narayan (Thapar School of Liberal Arts and Studies)

Tea Break
Time 15:30-15.45 hrs │Venue: TBC

Session 4: Poster pitch (See Page 13 for details)
15.45-17.15 hrs│ Venue: TBC

Chair: TBC

Session 5: Evening Plenary
17.30-19.00 hrs │ Venue: TBC

In Memory of J.P.S Uberoi

Chair: TBC

   Harish Naraindas (Jawaharlal Nehru University, New Delhi – Retd.)

   Shriddha Shah (Krea University, Sricity, Andhra Pradesh)

   Madhulika Banerjee (University of Delhi)

Day 2, December 16, 2025

Session 6: Roundtable II
9.30-11.00 hrs | Venue: TBC

Productive Disruptions

Chair: Vidya Subramanian (O.P. Jindal Global University, Delhi NCR)

Convenor: Yogita Suresh

Reframing transitions: Entering STS through ethnographic engagement with artisanal fisheries in Kerala
Ajisha K.V. (Madras Institute of Development Studies, Chennai)

Empowering to see the invisible: Reflection on the concepts in STS
Prathamesh Antarkar (Indian Institute of Technology Bombay)

Re-orienting the lens: A reflexive account of entering STS
Rishabh Kachroo (Shiv Nadar University, Delhi NCR)

Framing the invisible: Methodological reflections on studying air pollution, epigenetics, and environmental facts in India
Santosh (Jawaharlal Nehru University, New Delhi)

Considering the "S" and "T" in STS: Contemplations from the Field
Yogita Suresh (Shiv Nadar University, Delhi NCR)

Tea Break
Time 11.00-11.15 hrs | Venue: TBC

Session 7: Concurrent Panels 10-12 & Building STS Infrastructure
11.15-12.45 hrs | Venue: refer below

10. Hist2/Femi2 | Histories of Technology in India

Chair: Prajakta Kale (OP Jindal Global University, Delhi NCR)

Venue: TBC

Electrification as a social process: Lessons from the history of electricity in India
Prathamesh Antarkar (Indian Institute of Technology Bombay)

Ordinary death: Care against life-extending technologies in paediatric and adult medicine
Vandana Bhaskar (FLAME University, Punw)
Sinjini Mukherjee (Global Research Network Think Tank, UK)

How do scientists and science students respond to the feminist critiques of science?

Adithya S. (Indian Institute of Science Education and Research Mohali)
Deepika Bansal (Indian Institute of Science Education and Research Mohali)
Charudatta Navare (Indian Institute of Science Education and Research Mohali)

11. Envi 5 | Epistemic Uncertainties and the Politics of Scientific Knowledge in Environmental Governance

Chair: Anup Dhar (BML Munjal University, Kapriwas, Haryana)

Convenor: Ranjith Kallyani

Venue: TBC

Knowledge politics in global methane mitigation: Implications for just food system transitions in India.
> *Anita Pinheiro (WASSAN, New Delhi)*

Science as Narrative: Non-Epistemic Scientific Claims and Environmental Adjudications.
> *Ranjith Kallyani (Jaypee University of Information Technology, Solan)*

Science, evidence, and ethics in environmental justice movements in the Global South
> *Sony R. K. (Sustainable Futures Collaborative, New Delhi)*

12. Envi 6 | Enviro (in)Justices in/through Technoscience: Recording structures, institutions, and stories across India

Chair: Pankaj Sekhsaria (Indian Institute of Technology Bombay)

Convenors: Misria Shaik Ali and Prerna Srigyan

Venue: TBC

Environmental in(justice) at the peripheries- The cases of Wollert and Jawahar Nagar
> *Ravi Bhushan (BITS Pilani)*

Reason and risk: Challenging the expert and public divide in the risk debates on uranium mining in India
> *Prerna Gupta (The University of British Columbia, Canada)*

Desalinated: Dissolving water crisis in the Lakshadweep islands of India
> *Lakshmi Pradeep (Max Planck Institute for the History of Science, Berlin)*

Building STS Infrastructure-1 | Galleries, Libraries, Archives, and Museums (GLAM) for STS

Chair: Anjali Ramachandran (Archives at NCBS Bengaluru)

Venue: TBC

> *Anjali Ramachandran (Archives at NCBS Bengaluru)*

> *Venkat Srinivasan (Milli Archives Foundation, Bengaluru)*

> *M. Madhan (OP Jindal Global University, Delhi NCR)*

Lunch
Time 12.45-14.00 hrs | Venue: TBC

Session 8: Concurrent Panels 13-15 & Building STS Infrastructure
14.00-15.30 hrs | Venue: refer below

13. Envi 7 | Learning with Gandhi: Experiments in Contemporary Education in India

Chair: Vasundhara Bhojvaid (Shiv Nadar University, Delhi NCR)

Convenors: Pankaj Sekhsaria, C. Shambhu Prasad, Rajni Bakshi, Sushama Sharma

Venue: TBC

Gandhi and higher education: Unexplored institutions and possibilities
   C. Shambu Prasad (Institute of Rural Management, Anand)

Swaraj in 2047: Can we really shape the future?
   Rajni Bakshi (Independent Researcher)

Gandhi can be a torch-bearer in our quest for a sustainable future
   Sushama Sharma (Anand Niketan School, Sevagram, Wardha)

Hand spinning as pedagogy, experiential learning and physical output: A short film
   Pankaj Sekhsaria (Indian Institute of Technology Bombay)
   Madhav Sahasrabudhe (Educator)
   Latha Tummuru (Textile Designer)
   Pradeep Patil (Co-Director, International Print Exchange Programme)

14. NEST 3 | STS Infrastructures

Chair: C. Raghava Reddy (University of Hyderabad)

Venue: TBC

Biovalue/Biocapital: A Conceptual history.

   Priya Ranjan (OP Jindal Global University, Delhi NCR)

Industrialization, global circulation and regulation of Indian medicine: Property regimes from 'below' and frugal regulative structures.
   Harilal Madhavan (Christ University, Bengaluru)

Mapping IIT Brand: Symbolism, materiality and AI.
   Aditya Pandey (Shiv Nadar University, Delhi NCR)

15. Digi3 | Justice and Accessibility in the Digital Age

| Chair: *Usha Raman (University of Hyderabad - Retd.)*

Venue: TBC

Bridging the digital divide as resilience-building: Ensuring sustainable educational access in marginalised communities.
   Venkata Suri (Indraprastha Institute of Information Technology Delhi)
   Martin Webb (Goldsmith's University, London)
   Shriram Venkatraman (University of Southern Denmark)
   Riad Azam (Micro-Credit Ratings International Limited, New Delhi)

Fighting to keep the internet free: Digital liberties movement in India.
   Ankita Pandey (University of Oxford and OP Jindal Global University, Delhi NCR)

Coevolving currents: Infrastructural nexus of electricity and the internet in India.

Koushik Ravi Kumar (Independent Researcher)

Building STS Infrastructure-2 | STS in the Indian Classroom

Chair: Ram Ramaswamy (Indian Institute of Science Education and Research Berhampur)

Ram Ramaswamy (Indian Institute of Science Education and Research Berhampur)

Gita Chadha (Azim Premji University, Bengaluru)

Govind Gopakumar (Concordia University, Montreal)

Madhulika Banerjee (University of Delhi)

Tea Break
Time 15:30-15.45 hrs | Venue: TBC

Session 9: Concurrent Panels 16-18 & Building STS Infrastructure
15.45-17.15 hrs | Venue: refer below

16. Envi8 | Urban Technoenvironments

Chair: Dinesh Abrol (Institute for Studies in Industrial Development, New Delhi)

Venue: TBC

Aero-ecologies in suspension
   Vasundhara Bhojvaid (Shiv Nadar University, Delhi NCR)

The 'hackathon' as a pedagogical tool: Increasing engagement or flattening complexity?
   Surajit Chakravarty (Indian Institute of Technology Delhi)

The bovine multiple
   Shruti Ragavan (National Institute of Advanced Studies, Bengaluru)

What is the Style of going BUST? Sustainability, Infrastructure, and Urban Mobility Transformations in India.
   Govind Gopakumar (Concordia University, Montreal)

17. Digi4 | The Working City: Tech, Infrastructure, and Inequality in Urban India

Chair: Gayatri Nair (Indraprastha Institute of Information Technology Delhi)

Convenors: Anushree Gupta, Eesha Kunduri, Hariprasad VM, Hazeena, Vagesh Vishnoi, Shaikh Salauddin

Venue: TBC

The city as a workplace: Labor processes and resistance in platform work.
   Vageesh Vishnoi (Indian Institute of Technology Delhi)

Sanitation work in transition: Precarity, informality, and the role of technology.
   Hariprasad V. M. (Indian Institute of Technology Bombay)

Unions as Collective Urban Infrastructures?

   Anushree Gupta (Indian Institute of Technology Hyderabad)
   Eesha Kunduri (University of Minnesota)
   Shaik Salauddin (Telangana Gig and Platform Worker's Union)

18. NEST4 | Mobility Justice and E-Rickshaws in Varanasi

Chair: *Alokeparna Sengupta (OP Jindal Global University, Delhi NCR)*

Convenors: Anish Mazumder

Venue: TBC

Congestion in Varanasi and e-rickshaws
  Ruby Madhuri Rathor (Banaras Hindu University)

Restrictions on e-rickshaws
  Anish Mazumder (IIT-BHU)

Gender and physical disability in e-rickshaw drivers
  Shweta Tripathi (Banaras Hindu University)

Unique governance identifiers and e-rickshaws
  Shreshtha Chowdhury (University of Delhi)

Building STS Infrastructure-3 | Publications and Digital Resources

Chair: Aalok Khandekar (Indian Institute of Technology Hyderabad)

Venue: TBC

Naveen Thayyil (Indian Institute of Technology Delhi)

Janaki Srinivasan (University of Oxford)

Mahendra Shahare (Indian Institute of Technology Bombay)

Vidya Subramanian (OP Jindal Global University, Delhi NCR)

Shiju Sam Varughese (Central University of Gujarat, Vadodara)

Session 10: Evening Plenary
17.30-19.00 hrs | Venue: TBC

Fractal Margins of South Asia and Technoscience beyond Colonialism

Chair: *Richa Kumar ((Indian Institute of Technology Delhi)*

Convenor: Misria Shaik Ali

  Avijit Chakrabarty Ayon (Shahjalal University of Science and Technology, Bangladesh)
  Dileepa Witharana (The Open University of Sri Lanka)
  Surabhi Pudeshi (Centre for the Study of Knowledge, Materials, and Materiality, Nepal)

Day 3, December 17, 2025

Session 11: Business Session
9.30-11.00 hrs | Venue: TBC

Chair: Naveen Thayyil, Coordinator, STS India Network

Convenor: Shiju Sam Varughese

Tea Break
Time 11:00-11.15 hrs |Venue: TBC

Session 12: Concurrent Panels 19-22
11.15-12.45 hrs |Venue: refer below

19. Envi9 | Urban Waterscapes

Chair: Awadhendra Sharan (Centre for the Study of Developing Societies, Delhi)

Venue: TBC

A curious case of the polluting purifier: Exploring the controversy of reverse osmosis water purifiers in urban India.
> *Amitangshu Acharya (IHE Delft Institute for Water Education, The Netherlands)*

A technology of filtration or purification? Understanding the popularity of reverse osmosis water purifiers in India.
> *Gaurav Kapse (Indian Institute of Technology Bombay & Monash Research Academy)*

The politics of infrastructuring urban environments: Concerns of silting and soil erosion around Powai Lake in Mumbai.
> *Shashank Deora (Indian Institute of Technology Bombay)*

What standards do and whom they serve: Fixing, practising, and delivering per capita standard of water supply in cities in India.
> *Sachin Tiwale (Ashoka Trust for Research in Ecology and the Environment, Bengaluru)*

20. Envi 10 | Environmental Politics and Justice

Chair: Rajeswari Raina (Shiv Nadar University, Delhi NCR)

Venue: TBC

Contested indigeneity and environmental *jugaad*: From and beyond the context of ethnocentric methodologies.
> *Misria Shaik Ali (Indian Institute of Technology Delhi)*

The bottom line of environmental justice: integrating restorative justice in policy design.
> *Dwarkeshwar Dutt (Indian Institute of Technology Delhi)*

The politics of knowledge in India's life initiative: Science, climate & citizenship.
> *Akshay Bhambri (University of Delhi)*

Gauging Ganga's purity: Presence of Ganges dolphin as an indicator and its conservation politics.
> *Kumar Gaurav (Central University of Gujarat, Vadodara)*

21. Femi3 | Revisiting the Narratives of Science, Techniques, and Technology: A Postcolonial Trans-Epistemic Praxis

Chair: Annapurna Mamidipudi (Technische Universität Berlin)

Convenor: Anandita Pan

Venue: TBC

Patients' labour, amusements and sports: Gender, therapy and agency in British colonial asylums in south India.
> *Santhosh Abraham (Indian Institute of Technology Madras)*
> *Shalina Susan Mathew (Vellore Institute of Technology Chennai)*

Disciplining the female body: Pathologizing the colonised women.
> *Anandita Pan (Indian Institute of Technology Hyderabad)*

Technology and the postcolonial condition of Indian sports.
> *Sonal Jha (Indian Institute of Technology Roorkee)*

Beyond token diversity: Rethinking gender norms in STEM academia in India
> *Prama Bhattacharya (Indian Institute of Technology Bhubaneswar)*

22. NEST 5 | Re-thinking/Re-making boundaries

Chair: Eveleen Sidana (OP Jindal Global University, Delhi NCR)

Venue: TBC

From co-production to co-destruction: Towards a new sociology of NEWAI.
> *Ranjith Kallyani (Jaypee University of Information Technology, Solan)*

Shifting AI ideas in EU Policy: Implications for the Global South.
> *Aakansha Natani (International Institute of Information Technology Hyderabad)*
> *Sujal Deoda (International Institute of Information Technology Hyderabad)*

The Social as a Trail of Associations: A Networked Understanding of the Sociotechnical Life of a Road Intersection.
> *Alokeparna Sengupta (OP Jindal Global University, Delhi NCR)*

Lunch
Time 12.45-14.00 hrs │Venue: TBC

Session 13: Roundtable III- Decolonizing STS
14.00-15.30 hrs │ Venue: TBC

Chair: Shiju Sam Varughese (Central University of Gujarat, Vadodara)

> *Annapurna Mamidipudi (Technische Universität Berlin)*

> *Anup Dhar (BML Munjal University, Kapriwas, Haryana)*
> *Dhruv Raina (Jawaharlal Nehru University, New Delhi – Retd.)*

Tea Break
Time 15:30-15.45 hrs │Venue: TBC

Concluding Symposium: Collaborations and Steps Ahead
15.45-17.30 hrs │ Venue: TBC

Chair: Janaki Srinivasan (University of Oxford)

> *Wen-Hua Kuo (National Yang Ming Chiao Tung University, Taiwan and President, 4S)*

> *Teun Zuiderent-Jerak (Vrije University, Amsterdam and President, EASST)*

> *Emma Kowal (Deakin University, Melbourne)*

Projit Bihari Mukherjee (Ashoka University, Delhi NCR)

C. Shambu Prasad (Institute of Rural Management, Anand)

Naveen Thayyil (Indian Institute of Technology Delhi)

Departure
18.00 hrs

Poster Presentations | Day 1 and Day 2

Venue: TBC

Implementing Digital Governance at the Last Mile: The Unseen Labor of Aanganwadi Workers in India.
> *Suman Sahu (University Of Delhi)*

Situating Solar Pumps in the Context of Energy Transition in Agriculture in India.
> *Prathamesh Antarkar (Indian Institute of Technology Bombay)*

Innovation Dynamics and Barriers in India's Wind Energy Sector: A Technological Innovation Systems Perspective.
> *Vineet kumar (Jawaharlal Nehru University, New Delhi)*

Maybe the Road is Crossing the Chicken: A Critical Discourse Analysis of Textbook Explanations of Animal Behavior through a Feminist Lens.
> *Charudatta Navare (IISER Mohali)*

The Making of a Gendered Space: An Ethnographic Study of CCTVisation inside Delhi's Public Buses.
> *Procheta Mukherjee (South Asian University, New Delhi)*

Science, Nation-State and Social Justice in Sujit Saraf's Island.
> *Abhinav Anand (Indian Institute of Technology Kanpur)*

Between Science and Religion: Missionary Print and Rationalities of Kerala.
> *Jomina George (University of Hyderabad)*

Exploring Frugality in Forensic Science: A case study analysis.
> *Astha Sachdeva (Galgotia University, Greater Noida)*
> *Siddharth Dangi (Jawaharlal Nehru University, New Delhi)*

What to quantify and how: The practice of differential quantification in the water supply of Mumbai.
> *Sachin Tiwale (Ashoka Trust for Research in Ecology and the Environment, Bengaluru)*

Interdisciplinary Approaches to Understanding Community Digital Archives of South Asian Diaspora: A Reflection on Digital Ethnography.
> *Sharika Parmar (FLAME University, Pune)*