

Preliminary Programme



The First STS India Network Conference

Co-shaping of Science, Technology, and Society in India

O.P. Jindal Global University, Sonapat, NCR of Delhi

14 - 17 December 2025



Day 0, December 14, 2025

9.30-14.30 Arrival

Inauguration

17.00-17.30 hrs | Venue: TBD

Prof. C. Raj Kumar

Vice Chancellor, O.P. Jindal Global University
Dean, Jindal Global Law School

Prof. Dipika Jain

Professor & Executive Dean, Jindal Global Law School
Director- Centre for Justice, Law and Society (CJLS)

Prof. Deepanshu Mohan

Prof. Vidya Subramaniam

Convenor, First STS-IN Conference
Associate Professor, Jindal Global Law School

Prof. Naveen Thayyil,

President, STS-India Network
Associate Professor, Indian Institute of Technology Delhi

Symposium I: Genealogies of STS in India

17.30-19.00 hrs | Venue: TBD

Chayanika Shah

Educator, writer, researcher and activist

Dunu Roy

Activist

Mihir Shah

Distinguished Professor, School of Humanities and Social Sciences, Shiv Nadar
University Delhi-NCR

Rajeswari S. Raina

Professor, Department of International Relations and Governance Studies, School of
Humanities and Social Sciences, Shiv Nadar University Delhi-NCR

Day I, December 15, 2025

Session I: Roundtable I

9.30-11.00 hrs

Knowledge and Democracy

Venue: TBC

Sanil V. (Indian Institute of Technology Delhi)

Shambu Prasad (Institute of Rural Management Anand)

Annapurna Mamidipudi (Technische Universität Berlin)

Tea Break

Time 11.00-11.15 hrs | Venue: TBC

Session 2: Concurrent Panels I-4

11.15-12.45 hrs | Venue: refer below

I. Digi I | Making the Digital work

Chair: TBC

Venue: TBC

CAPTCHA-ring the Human: How to prove that you are a human to a machine.

Meera Muthukrishnan (Vision Empower)

Swati Ganeshan (IIT 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 (IIT Bengaluru)

Bidisha Chaudhuri (University of Amsterdam)

2. Hist I | Histories of Science in India

Chair: TBC

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)

The Inner-City of Statistics: Three Moments from Municipal Science.

Aman Roy (Graduate Center – CUNY)

Utilities of Science: Secular Trajectory of Materialism in 19th Century South India.

Barathy M.G. (Ashoka University)

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

Convenors: Richa Kumar, and C. Shambhu Prasad

Chair: TBC

Venue: TBC

Richa Kumar, (Indian Institute of Technology Delhi)

C. Shambu Prasad (IRMA 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: TBC

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)

Talking to ChatGPT: Circuits and temporalities of mental distress, and technologies of care.

Aditi Vashistha (Western University, Canada)

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: TBC

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)

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

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)

7. Nest 2/Envi 4 | Systems and Solutions

Chair: TBC

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)

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)

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

Sumitra Nair (Ashoka University)

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

Convenors: Janaki Srinivasan; Anushree Gupta; Srravya Chandhiramowuli | *Chair:* TBC

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: TBC

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)

From teen taanka (three stitches/sterilisation) to paanch taanka (five stitches/hysterectomy):
Early hysterectomies, gendered biosocialities, and the politics of normalcy in rural India
Neymat Chadha (Indian Institute of Technology Delhi)

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 14 for details)

15.45-17.15 hrs | Venue: TBC

Session 5: Evening Plenary

17.30-19.00 hrs | Venue: TBC

In Memory of J.P.S Uberoi

Harish Naraindas (Jawaharlal Nehru University – Retd.)

Shridha Shah (Krea University)

Madhulika Banerjee (Delhi University)

Day 2, December 16, 2025

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

Productive Disruptions

Convenor: Yogita Suresh

Reframing transitions: Entering STS through ethnographic engagement with artisanal fisheries in Kerala

Ajisha K.V. (Madras Institute of Development Studies Chennai)

The global governance of education: A comparative perspective

Joyeeta Dey (Manipal Academy of Higher Education Bengaluru)

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: TBC

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)

Sinjini Mukherjee (Global Research Network Think Tank)

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)

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

Convenor: Ranjith Kallyani | *Chair:* TBC

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 Delhi)

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

Convenors: Misria Shaik Ali and Perna 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

Perna 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)

Teaching Bhopal in California: Memory, pedagogy, and transnational STS

Perna Srigyan (EcoEd working group, EcoGovLab, University of California Irvine)

Building STS Infrastructure-I | STS Archives

Convenors: Madhulika Banerjee and Naveen Thayyil

Venue: TBC

Anjali Ramachandran (Archives of NCBS Bengaluru)

S. Prashant Kumar (Archives of NCBS Bengaluru)

Venkat Srinivasan (Archives of NCBS Bengaluru)

Deepika S. (Archives of NCBS Bengaluru)

Lunch

Time 12.45-14.00 hrs | Venue: TBC

Session 8: Concurrent Panels I3-I5 & Building STS Infrastructure
14.00-15.30 hrs | Venue: refer below

I3. Envi 7 | Urban Technoenvironments

Chair: TBC

Venue: TBC

Aero-ecologies in suspension

Vasundhara Bhojvaid (Shiv Nadar University)

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)

I4. NEST 3 | STS Infrastructures

Chair: TBC

Venue: TBC

Biovalue/Biocapital: A Conceptual history.

Priya Ranjan (O.P. Jindal Global University)

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)

I5. Digi3 | Justice and Accessibility in the Digital Age

| *Chair:* Joseph Satish

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)

Fighting to keep the internet free: Digital liberties movement in India.

Ankita Pandey (University of Oxford and O.P. Jindal Global University)

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

Convenor: Aswathy Raveendran

Tea Break

Time 15:30-15.45 hrs | Venue: TBC

Session 9: Concurrent Panels I6-I8 & Building STS Infrastructure

15.45-17.15 hrs | Venue: refer below

I6. Envi8 | Learning with Gandhi: Experiments in Contemporary Education in India

Convenors: Pankaj Sekhsaria, C. Shambhu Prasad, Rajni Bakshi, Sushama Sharma | *Chair:* TBC

Venue: TBC

Gandhi and higher education: Unexplored institutions and possibilities

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)

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)

I7. Digi4 | The Working City: Tech, Infrastructure, and Inequality in Urban India

Convenors: Anushree Gupta, Eesha Kunduri, Hariprasad VM, Hazeena, Vagesh Vishnoi, Shaikh Salauddin | *Chair:* TBC

Venue: TBC

Growing heatwaves and gig workers on the move: A closer look into the working bodies and infrastructures in the cities.

Hazeena (Independent Researcher Delhi)

The city as a workplace: Labor processes and resistance in platform work.

Vagesh 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

Convenors: Anish Mazumder | *Chair:* TBC

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 (Delhi University)

Building STS Infrastructure-3 | Publications

Convenors: Naveen Thayyil and Shiju Sam Varughese | *Chair:* TBC

Venue: TBC

Session 10: Evening Plenary

17.30-19.00 hrs | *Venue:* TBC

Fractal Margins of South Asia and Technoscience beyond Colonialism

Convenor: Misria Shaik Ali and Naveen Thayyil

Avijit Chakrabarty Ayon (Shahjalal University of Science and Technology, Bangladesh)

Dileepa Witharana (The Open University of Sri Lanka)

Surabhi Pudeshi (Joint Scholarship Program of The South Asia Institute Heidelberg University and the Max Weber Forum for South Asian Studies, Nepal)

Day 3, December 17, 2025

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

Convenor: Shiju Sam Varghese

Chair: Naveen Thayyil, President, STS-IN

Tea Break

Time 11:00-11.15 hrs | Venue: TBC

Session I2: Roundtable III- Decolonizing STS
11.15-12.45 hrs | Venue: TBC

P. Thirumal (University of Hyderabad)

Anup Dhar (BML Munjal University)

Dhruv Raina (Jawaharlal Nehru University – Retd.)

Lunch

Time 12.45-14.00 hrs | Venue: TBC

Session I3: Concurrent Panels I9-22
14.00-15.30 hrs | Venue: refer below

19. Envi9 | Urban Waterscapes

Chair: TBC

Venue: TBC

A curious case of the polluting purifier: Exploring the controversy of reverse osmosis water purifiers in urban India.

Amitangshu Acharya (IHE Delft)

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)

20. Envi I0 | Environmental Politics and Justice

Chair: TBC

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.

Dwarkaneshwar 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

Convenor: Anandita Pan | *Chair:* TBC

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: TBC

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.

Aakanshi 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 (O. P. Jindal Global University)

Symposium II: Collaborations and Steps Ahead 15.45-17.30 hrs | Venue: TBC

Convenors: Janaki Srinivasan & Naveen Thayyil

Departure

18.00 hrs

Venue: TBC

Is Tech Consultancy Alienated Labour? The Working Lives of Indian and Brazilian Technologists.

Sébastien Antoine (Maynooth University / IIT-B)

Implementing Digital Governance at the Last Mile: The Unseen Labor of Aanganwadi Workers in India.

Suman Sahu (Delhi University)

Situating Solar Pumps in the Context of Energy Transition in Agriculture in India.

Prathamesh Antarkar (Indian Institute of Technology Bombay, Mumbai)

Innovation Dynamics and Barriers in India's Wind Energy Sector: A Technological Innovation Systems Perspective.

Vineet kumar (Jawaharlal Nehru University)

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)

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)

Siddharth Dangi (Jawaharlal Nehru University)

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)

Interdisciplinary Approaches to Understanding Community Digital Archives of South Asian Diaspora: A Reflection on Digital Ethnography.

Sharika Parmar (FLAME University)