School of Computer & Systems Sciences
Jawaharlal Nehru University

In
Collaboration with

Trans-disciplinary Research Cluster
on Pluralist Health Care (TRC-PHC), JNU

is organising a
SEMINAR
on

Data 'silos' in Evidence-Based Health Policymaking: Can Knowledge Graphs offer a way forward?

DATE
AUG 22, 2025

TIME
AT 09:30 AM

SCSS, Seminar Hall

Organisers:

Zahid Raza
Dean SCSS, JNU

Aditi Sharan
SCSS, JNU

Saradindu Bhaduri,
CENTRE FOR STUDIES IN SCIENCE POLICY SSS,
COORDINATOR TRC-PHC, JNU

Note: Participants will be given certificates.

THE SPEAKER LINEUP

Indranil Mukhopadhyay
Jindal Global University , Sonepat Haryana

Rajib Dasgupta
Centre of Social Medicine & Community Health, JNU

Indira Ghosh
Former Dean, SCIS JNU

Savita Gautam
New Delhi Institute of Management

Sharad Verma
Rajkiya Engineering College Ambedkar Nagar, Lucknow

Saradindu Bhaduri
Centre for Studies in Science Policy, SSS JNU

Aditi Sharan
School of Computer and Systems Sciences, JNU

Key Objectives

- Understanding of knowledge graphs and health policy dimensions.

- Tracking disease pathways, disease progression and realtime policy interventions.

- Identifying at – risk populations through data integration & predictive analysis.

- Optimising resource allocation based on evidence and population trends.

- Handling health emergencies and patents in a country. Connecting the legal frameworks of a country and their alignment with international agreements.

- Disease treatments, hospital infrastructure, the number of paramedics needed in reducing the disease burden.

Sessions

Session-1
- **Indira Ghosh:** Randomized Control Trials in India.
- **Rajib Dasgupta:** Epidemiological studies in Indian context.

Session-2
- **Indranil Mukhopadhyay:** Methods of Economic Evaluation in the context of a fragmented, complex and plural health system.
- **Saradindu Bhaduri:** 'Soft evidence' for health policymaking.

Session-3
- **Aditi Sharan:** Conceptualizing Knowledge Graph: Issues and Challenges.
- **Savita Gautam:** Knowledge Graphs for smarter health policy.
- **Sharad Verma**: Evidence based health policy Knowledge Graph: A case study for Covid.

Panel Discussion: Towards an Integrative framework for Evidence based health policy.