Roorkee Urban Symposium 2025 (RUS 2025)

Opening Day, 28th March 2025

MAC Auditorium, IIT Roorkee

Time	Activities
9:00-10.00AM	Registration
10:00AM – 11.25 AM	Inaugural Session
11:25AM – 11:45AM	**High Tea**
11:45AM – 12:30PM	Key Note Speech By **Prof Tridib Banerjee** and Q&A Public Space as a Protagonist in City Design: Necessary Arguments
12:30PM – 01:15PM	Key Note Speech By **Prof Michael Batty** and Q&A Urban Planning and AI
01:15PM – 02:15PM	Lunch and networking time at MAC auditorium lobby/ courtyard
02:15PM – 03:00PM	UNDRR Session Plenary speeches by **Mr. Sanjaya Bhatia** and Q&A, UNDRR, Incheon, Korea Understanding Disaster Risk
03:00PM – 04:30PM	**Panel Discussion 01** AI Application for Urban System Management and Resilience Building
04:30PM – 05:00PM	Evening tea and networking time
05:00PM – 06:30PM	**Panel Discussion 02** Challenges of Synergising between academia and practice in urban planning and development
07:30PM onwards	**Gala Dinner** Department of Architecture & Planning Lawn

Day 2 : Saturday, 29 March 2025				
Time	**Event**			
9.00 – 11.00 AM	**Session 01 (DAP)**			
Time	Paper Code	Title	Paper Code	Title
	Theme 01 (DAP- 104)		**Theme 02 (DAP-102)**	
9.00-9:20 AM	RUS02	**Vidhyashankar S.**: Insights from open spaces in traditional rural houses and their relevance to contemporary urban housing regulations: A case study of Osaipatti village and Erode city, Tamil Nadu.	RUS04	**Gunjan Chowan**: Negotiated Urbanism: Polychromatic Everyday Encounters Within the World-Class Restructuring of India's Capital City
9:20-9.40 AM	RUS09	**Sonali Singh**: Housing Quality Assessment for working professionals in U-Block, Gurugram: Present Scenario and Challenges.	RUS52	**Mohammad Umair**: Evaluation of the viability of last-mile connectivity solutions to enhance access to metro stations in Dwarka, New Delhi.
9.40-10.00 AM	RUS13	**Krithika Panicker**: Rethinking Residential Energy Performance Indices utilizing Household Energy Profiles.	RUS11	**Ashi Chaudhary**: Integrating Traditional Knowledge Systems and Modern Techniques for Disaster Risk Reduction: A Case Study Approach
10.00-10.20 AM	RUS23	**Manoj Panwar**: Spatial Gap Analysis of Public Healthcare Infrastructure in the State of Haryana	RUS12	**Ishani Garg**: From Policy to Practice: Examining Urban Sanitation Reforms in Roorkee Under Swachh Bharat Mission
10.20-10.40 AM	RUS26	**Poorvi Patle**: Beyond Cities: A Perspective on Rural Tourism in India	RUS18	**Aditi Yadav**: Role of Last mile deliveries in Quick commerce services in Bhopal
10.40-11.00 PM	Discussion and Session summary			
11.00-11.20 PM	Tea			

11.20-13.00 PM	Session 02 (DAP)				
	Theme 01 (DAP- 104)			Theme 02 (DAP-102)	
Time	Paper Code	Title	Paper Code	Title
11.20-11.40 PM	RUS43	**Sakshi Gupta**: Aligning Healthy Cities Indicators with Sustainable Development Goals: An Analysis of Urban Health Priorities in the Six WHO Regions	RUS15	**Prakriti Sarker**: Introducing Mixed-Fleet of Heterogeneous capacity vehicles for mobility improvement: A case of Siliguri, West Bengal
11.40-12.00 PM	RUS47	**Prabhat K. Rao**: Affordable housing as a catalyst of inclusive growth	RUS19	**Naima Jaleel:** Indicator System To Assess The Spatial Resilience Of Critical Infrastructure System To Rainfall Induced Hazards
12.00-12.20 PM	RUS50	**Bushra Alarbeed:** "Disappearing Vernacular Architecture in Sweida, Southern Syria: The Role of Heritage Management Policies"	RUS20	**Swastika Ojha**: Gender and Disaster Risk Reduction
12.20-12.40 PM	RUS60	**Aratrika Sarkar**: A critical review of Affordable Rental Housing Complexes Scheme	RUS30	**Sanchita Chanda**: Study of Urban Heat Islands (UHI) in Urban Morphologies: A Case Study Kolkata
12.40-13.00 PM	RUS62	**Santanu Das:** Modelling Land Use and Land Cover (LULC) for Government-Owned Land parcels in GMDA	RUS31	**Ishkiran D. :** Impacts of Urban Development related resettlement on the Livelihood of Rural Households in India
13.00-14.00 PM	Lunch (DAP)				
14.00-15.40 PM	Session 03 (DAP)				
	Theme 04 (DAP-104)			Theme 02 (DAP-102)	
Time	Paper Code	Title	Paper Code	Title
14.00-14.20 PM	RUS05	**Pramita Basu**: Planning Cities for Adolescents	RUS35	**Tuhina Dutta:** A methodology for estimating the number of charging points for EV bus charging station: case study-Kolkata.
14.20-14.40 PM	RUS08	**Snehashish M.:** A Critical Study of Indian Satellite Cities and Future Prospects	RUS36	**Sonali Rana**: Mitigation strategies for Flooding in Indian Cities: A Review.
14.40-15.00 PM	RUS40	**Manoj Hetvi Kaila**: Why Wheelchair-Dependent Persons Cannot Travel	RUS39	**Mohammad Shahid**: Financial Sustainability of Indian Metro Rail: A Review of Jaipur Metro

Time	Paper Code	Title	Paper Code	Title
		Independently – A Case Study of Indian Railways		
15.00-15.20 PM	RUS 42	**Anshita Gupta**: Assessing the TOD Framework: Urban and Suburban areas of Ahmedabad.	RUS44	**Teby Kurian**: Thermal comfort based on energy efficient insulating materials and double wall envelope
15.20-15.40 PM	RUS57	**Mariam Lepcha**: Critical evaluation of assessment framework for determining the universal mobility at pedestrian-level in hill cities: A global perspective	RUS49	**Swaraj Bose**: A microsimulation-based approach to study the impact of preferred waiting time thresholds of commercial freight vehicles on last-mile operations in urban commercial streets
15.40-16.00 PM	Discussion and Session summary			
16.00-16.20 PM	High Tea			
16.20-17.00 PM	**Session 04 (DAP)**			
	Theme 02 (DAP-102)			
Time	Paper Code	Title		
16.20-16.40 PM	RUS33	**Nitesh Shukla:** Evolution of City as a Complex Adaptive System: Insights from Surat City, India		
16.40-17.00 PM	RUS34	**Subrata k. Paul:** Status of Walkability in Mixed Traffic Condition: An Empirical Study Around Howrah Railway Station.		
17.00-17.20 PM	RUS07	**Vaibhav Kushwaha:** Acceptability of micro-mobility for addressing urban transportation challenges in Varanasi		
17.20-17.40 PM	RUS53	**Arvind Roshan:** Revitalizing Urban Core: A Sustainable Mobility Approach for Chennai's Commercial Hub.		
17.40-17.50 PM	Discussion and Session summary			
19.30 PM	Conference Dinner			

Day 3: Sunday, 30 March, 2025	
Time	**Event**
9.00-10:20 AM	**Session 01 (DAP)**

	Paper Code	Title
	Theme 03 (DAP-104)	
	Paper Code	Title
9.00-9:20 AM	RUS06	**Abhishek Rao:** AI-Driven Approach to Find Temporal Urban Hotspots and Visitors' Behaviour Using Social Media Big Data for Kolkata's Durga Puja
9:20-9.40 AM	RUS16	**Anita Gautam**: Temporal Perspectives on Urbanization Using Deep Learning and Spatial Metric Analysis
9.40-10.00 AM	RUS38	**Supri Maheshwari:** Impact of tourisimification on the Historic Cities of Uttar Pradesh, India
10.AM-10.05 AM	**Welcome address by Prof. Mahua Mukherjee**	
10.05-10.10 AM	**Director unveiling the declaration statement of the symposium**	
10.10 AM-10.20 AM	**Director's Speech**	
10.20-10.30 AM	**Sapling planting by Director followed by Photo session and High-tea**	
10.30-11.00 AM	**High Tea**	
	Session 02 (DAP)	
	Theme 03 (DAP-104)	
	Paper Code	Title
11.00-11.20 AM	RUS48	**Neha Jaiswal:** Assessment of spatial configuration of urban form-based liveability
11.20-11.40 AM	RUS56	**Aniruddha Khatua:** Python-Based Open-Source Tools with Deep Learning Technologies for Enhanced and Automated Remote Sensing and GIS Applications
11.40 AM-12.00 PM	RUS61	**Thota Vamsi :** Seasonal Analysis of Carbon Monoxide Concentrations Near Urban Road Networks Using Sentinel-5P NRTI Data: A Case Study of Bengaluru Urban District
12:00- 13.00 PM	**Valedictory Session and Vote of Thanks**	
13.00-14.00 PM	Lunch	