REGISTRATION

Registration fee

(a) Free for faculties of TEQIP-III institutions

Register for "SUSTAINABLE CITIES: PLANNING AND DESIGNING FOR GREEN URBAN MOBILITY" Course on the link - https://erp.iitkgp.ac.in/CEP/courses.htm

(b) For academicians, professionals and faculties (other than TEQIP-III institutes)—INR 2500
Includes—Entry to all sessions; All lunches; Gala dinner; and Conference kit

LIMITED SEATS AVAILABLE ON FIRST COME FIRST SERVE BASIS

Payment process

Will be informed via email to selected abstract entries.

Optional accommodation requirement (for non-TEQIP-III participants)

• Reservation of rooms on payment basis

• Please intimate if you require accommodation during early bird registration

• All the accommodation will be on twin sharing basis and the period of stay will strictly be the duration of the symposium

VENUE AND TRAVEL

Venue

Vikramshila complex, IIT Kharagpur, Kharagpur-721 302

Travel to institute

• Approx. 3-3.5 hours by road from Netaji Subash International Airport, Kolkata
• Approx. 2-2.5 hours by rail from Howrah Junction Station to Kharagpur Junction Station
• Approx. 10-15mins by auto-rikshaw (or taxi) from Kharagpur Junction Station

CONTACTS

Please contact us at natsymscm@gmail.com for any query or log on to
www.natsymscm.net

CONVENERS:

Arkopal Kishore Goswami
Assistant Professor
RCGSIDM, IIT Kharagpur

Ankhi Banerjee
Assistant Professor
RCGSIDM, IIT Kharagpur

MENTORS:

Bhargab Maitra
Head of School
RCGSIDM, IIT Kharagpur

Joy Sen
Head of Department
Architecture and Regional Planning, IIT Kharagpur

STUDENT VOLUNTEERS

• Dipanjan Nag
• Kuldeep Kavta
• Eeshan Bhaduri
• Rituparna Das
• Vikas Nimesh
• Nunna Tagore Sai Priya
• Shivangi Singh Parmar
• Md Saddam Hussain
• Manoj B S

Technical Education Quality Improvement Programme (TEQIP-III)

Government of India
Ministry of Human Resource Development

National Symposium on
Sustainable Cities: Planning & Designing Infrastructure for Green Urban Mobility
(NatSymSCM)

1st - 3rd NOVEMBER 2018

Organised by:
Ranbir and Chitra Gupta School of Infrastructure Design and Management (RCGSIDM)
Indian Institute of Technology Kharagpur
Kharagpur 721 302, West Bengal

ABOUT

The course intends to bring together academicians, professionals and researchers —working in the field of urban planning, urban transport, urban sciences, civil engineering and other related fields— to exchange ideas and develop solutions for a green and sustainable future. This course hopes to promote a free flow of ideas generated from the latest results of research, successful case studies, and interaction among the contributors. The course is sponsored by TEQIP-III (Technical Education Quality Improvement Programme) and supported by the Uchhatar Avishkar Yojana (UAY) scheme of MHRD, GoI.

The course will consist of

(I) LECTURE MODULES DELIVERED BY FACULTY OF IIT KGP AND IIT (BHU), VARANASI;
(II) INVITED GUEST LECTURES BY PUBLIC AND INDUSTRY OFFICIALS; AND
(III) POSTER PRESENTATIONS BY RESEARCHERS.

Topics

The topics and sub-topics for the course are as follows (but are not limited to):

Design of compact cities and their implication on transportation
- Neighbourhood accessibility
- Urban sprawl management
- Transit Oriented Development (TOD)
- Landuse & transport interactions

Urban infrastructure vulnerability assessment
- Urban street design, accidents, and safety audit
- Assessing urban infrastructures' risk from floods, earthquakes, landslides, etc.
- Lifecycle assessment of urban infrastructure
- Evacuation route planning

Public transportation
- Mass transit (BRT/MRTS)
- Intermediate public transit
- Shared mobility

Sustainable transportation
- Transport and environment
- Non-Motorised Transportation (NMT)
- Electric mobility
- Transportation equity and justice

Information & communication technologies
- Urban infrastructure performance measurement
- Urban data analytics
- New technologies and urban quality of life

IMPORTANT DATES:

- Registration opens– 8th September, 2018
- Last Date for registration – ~~8th October, 2018~~ 29th October, 2018

PRELIMINARY SCHEDULE

	DAY 1 1/11/2018	DAY 2 2/11/2018	DAY 3 3/11/2018
SLOT 1 09:30 - 10:15	REGISTRATION (09:15 - 09:45)	SESSION IIA; Lecture module	SESSION IIIA; Keynote speaker
	INAUGURAL SESSION (09:45 - 10:15)	Department of Architecture and Regional Planning, IIT KGP	Mr Debabrata Ghosh Director, KPMG India Pvt. Ltd.
SLOT 2 10:15 - 11:00	SESSION IA; Keynote speaker	SESSION IIB; Distinguished lecture	SESSION IIIB; Distinguished lecture
	Symposium Keynote Lecture	Shri Ashok Bhattacharjee Jaipur Smart City Ltd., India	OLA/UBER
11:00 - 11:30	TEA / COFFEE BREAK		
SLOT 4 11:30 - 12:15	SESSION IB; Distinguished lecture	SESSION IIC	SESSION IIIC; Distinguished lecture
	Dr. S. Velmurugan Senior Principal Scientist CSIR - CRRI , New Delhi	Invited Research Presentations	British High Commission, India
LUNCH BREAK 12:15 - 13:30	POSTER SESSION	POSTER SESSION	POSTER SESSION
SLOT 4 13:30 - 14:15	SESSION IC; Distinguished lecture	SESSION IID; Distinguished lecture	SESSION IIID; Lecture module
	Mumbai Metropolitan Regional Development Authority, Mumbai	Greater Hyderabad Municipal Corporation, Hyderabad	Computer Science and Engineering Department, IIT KGP
SLOT 5 14:15 - 15:00	SESSION ID	SESSION IIE; Keynote speaker	SESSION IIIE
	Invited Research Presentations	Prof. Ashoke K. Sarkar Director, BITS Pilani	Technical demonstration: ARCGIS/LIDAR
15:00 - 15:30	TEA / COFFEE BREAK		
SLOT 6 15:30 - 16:15	SESSION IE; Lecture module	SESSION IIF; Lecture module	SESSION IIIF; Lecture module
	Department of Civil Engineering, IIT (BHU), Varanasi	RCGSIDM, IIT KGP	RCGSIDM, IIT KGP
SLOT 7 16:15 - 17:00	SESSION IF; Lecture module	ROUND TABLE DISCUSSION	CLOSING SESSION
	Department of Civil Engineering, IIT KGP		
SLOT 8 17:00 - 17:30	POSTER SESSION	POSTER SESSION	

LECTURE MODULES

Faculties of the following institutes will deliver lectures on the mentioned topics
1. Ranbir and Chitra Gupta School of Infrastructure Design and Management (RCGSIDM), IIT KGP
2. Department Of Civil Engineering, IIT KGP
3. Department of Architecture and Regional Planning, IIT KGP
4. Department Of Civil Engineering, IIT (BHU), Varanasi

GUEST SPEAKERS

Officials from the following organizations will make presentations on the mentioned topics
1. CSIR-Central Road Research Institute, New Delhi
2. Jaipur Smart City Ltd., Jaipur
3. Mumbai Metropolitan Regional Development Authority, Mumbai
4. Greater Hyderabad Municipal Corporation, Hyderabad
5. Urban Development & Housing Department, Gangtok