



INDIAN INSTITUTE FOR
HUMAN SETTLEMENTS

www.iihs.co.in

T +91 8041137705

Tharangavana

D/5, 12th Cross

Rajmahal Vilas Extension

Bengaluru 560080 India

IIHS: Indian Institute for Human Settlements is a national education institution committed to the equitable, sustainable and efficient transformation of Indian settlements. IIHS is India's first prospective independently funded and managed interdisciplinary National University for Innovation that focuses on its ongoing urban and development transformation.

The **IIHS** is pleased to announce short courses for the month of March 2012. Details of programs are below for your kind perusal. We look forward to receiving your nominations.

Sustainable Urban Futures – Heritage, Culture, and Environment

Programme Director	Dates	Location	Fee (INR)
<u>Dr. Jyoti Hosagrahar</u>	23 rd and 24 th of March 2012	Bangalore	6,000*

*Partial funding is available for students on request.

Course Description

This short course will integrate theoretical concepts, practical strategies, both Indian and international experiences and perspectives, methods and tools, and field study to teach about place-based, and community-oriented strategies for building urban futures. In a short course that integrates theoretical concepts with practical strategies,

Dr. Jyoti Hosagrahar, the course convener, will explore ways to apply universal norms and standards of sustainability and heritage conservation to benefit particular places and communities. In contrast to the current divide between urban development aimed at modernization and heritage conservation, Dr. Hosagrahar urges integrative solutions.

Ar. Sathyaprakash Varanashi will co-host the course along with Dr. Hosagrahar.

The method of instruction will include slide lectures, reading material, seminar discussions, and field study based practicum exercise.



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Course Sessions

Session 1

Concepts, theories, and norms – What is urban heritage? What is its significance? What constitutes urban sustainability? What are different dimensions of urban sustainability? What are some leading international norms and standards on urban sustainability and heritage?

Session 2

Culture, place, and environment – What is ‘place?’ What constitutes ‘local?’ How do culture, place, and environment influence settlements and sustainability? How can we evaluate heritage and traditional systems of building and infrastructure provision with modern ones?

Session 3

Methodology for place-based interventions – What are some tools and methods for critical analysis? How do we identify needs and resources? Who are the stakeholders? How do we engage them?

Session 4

Place-based strategies for sustainable urban futures – What are some ongoing initiatives? What are their key dimensions? What are the critical challenges?

Who can apply?

Application is open to candidates from all disciplines but individuals with backgrounds in architecture, planning, economics, finance, sociology, anthropology, geography, political science, environmental sciences, social work, law and management are encouraged to apply.

Course Fee

The course fee is 6,000/- and will include food & refreshments for the 2 days, course reading material and any travel required for case studies or site visits. **Partial funding is available for students on request.**



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Course Faculty

Jyoti Hosagrahar

Dr. Jyoti Hosagrahar is a professor at Columbia University, New York and Director of Sustainable Urbanism International at Columbia University, and Bangalore, India. Architect, planner, and historian, she is engaged with planning, design, and policies on urban development, urban conservation, and sustainability issues. Her research interests include urban heritage, cultural and environmental sustainability of cities focusing on the intersections of nature, culture, and the built environment. She serves as an expert for UNESCO on historic cities and urban sustainability. She has been on the working group for the UNESCO Recommendation on Historic Urban Landscapes and also with the UNESCO Expert Group for Urban Futures. Hosagrahar is the author of *Indigenous Modernities: Negotiating Architecture and Urbanism* (Architext Series, Routledge, 2005) awarded a 2006 book prize by the International Planning History Society. In partnership with The Energy Resource Institute, India, Hosagrahar developed a framework for moving towards urban sustainability, "An Exploration of Sustainability in the Provision of Basic Urban Services in Indian Cities" (TERI, 2009). She led SUI in the preparation of an integrated site management plan for the conservation and sustainable development of the heritage of the Hoysala towns in Karnataka that includes a 5-volume report. She has been the recipient of grants from the Graham Foundation, National Endowment for the Humanities, and the American Institute of Indian Studies. She serves on the editorial boards of the *Journal of Cultural Heritage Management and Sustainable Development*, *Journal of Planning History and Buildings and Landscapes* as well as on the board for the *Society for American City and Regional Planning History*. For more information, please see, www.sustainurban.org.



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Sathyaprakash Varanashi

Sathya studied architecture at Bangalore, urban design at Delhi and heritage conservation at England. Accordingly, buildings, cities and history continue to be his main areas of activities. A former Head of Dept. of Architecture, he is involved in academics, outreach activities, freelance writing, professional associations and NGO initiatives. Right from early on, he was attracted to design ideas rooted in cost, culture, climate and creativity, thanks to the influence of architects like Lauri Baker, Shankar Kanade, Jaisim, A.G.K. Menon & K.T. Ravindran. As such, his own consultancy firm, Sathya Consultants located at Bangalore, has been professing and practicing eco-friendly cost effective architecture for the last 15 years. He is the present convener of INTACH, Bangalore chapter.



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Geographic Information Systems – Principles and Applications in Human Settlements

Programme Director	Dates	Location	Fee (INR)
<u>Dr. H.S. Sudhira</u>	26 th ,27 th and 28 th of March 2012	Bangalore	6,000*

*Partial funding is available for students on request.

Course Description

The Short Course on “GIS – Principles and Applications in Human Settlements” is a unique and intense 3-day programme. It is blended with essentials of theory on Geographic Information Science and Systems and followed by hands-on exposure to practice with exclusive case studies. The Short Course will equip learners to appreciate the nuances of key concepts, enabling them to quickly learn, analyse and apply the techniques of GIS into their respective domains and eventually be able to produce desirable outputs. This will also expose learners to use/develop mash-ups based on popular web-based GIS applications like Google maps and open up learners to use volunteered geographic information and crowd-sourced knowledge in their respective use cases.

The course will comprise of lectures, guest lectures, lab sessions and case study/practica. The topics that will be included are :

- Introduction to GI Science and Systems
- Geospatial data types and representation
- Data processing systems
- Data entry and preparation with introduction to GPS
- Geospatial data analysis
- Geo-visualisation
- Web GIS and Mash-ups
- Issues of data quality, sharing and meta-data



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Who can apply?

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Course Fee

The course fee is 6,000/- and will include food & refreshments for the 3 days, course reading material and any travel required for case studies or site visits. **Partial funding is available for students on request**



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Course Faculty

Dr. H S Sudhira

Dr. H S Sudhira is a faculty member at the Indian Institute for Human Settlements (IIHS). He has obtained his Ph.D. for his thesis on “Studies on Urban Sprawl and Spatial Planning Support System for Bangalore, India” at the Indian Institute of Science, Bangalore, India. His PhD thesis has been endorsed by Urbanisation and Global Environmental Change (UGEC), an IHDP Core Project.

Dr. Sudhira has been a summer Research Fellow, Indian Academy of Sciences, Bangalore during 1998 and 2000. In addition, he has received the Indian Institute of Science Fellowship for Research Scholars (Jan 2005 – Dec 2007) and the NUFFIC Fellowship, the Netherlands. The Council for Scientific and Industrial Research (CSIR), Government of India has awarded Dr. Sudhira with a Foreign Travel Grant, 2007. He has worked on studying the evolution and growth of towns and cities, their land-use and land cover changes, planning practices, governance structures and mobility.

With a strong desire to carry out independent and grounded research, he has established Gubbi Labs, a private research enterprise that works on a host of domains ranging from sustainable ecosystems to livable settlements. He is a volunteer with India Literacy Project. When he is not mapping people and places, he pretends to watch birds.

Group Discount: Organizations nominating three or more participants for a particular programme will be eligible for a discount of 10% on the fee.

For more details:

- Write to us at admissions@iihs.ac.in or
- Call us at + 91-80-41137705
- Visit - <http://www.iihs.co.in/programmes/pwp>