



An International workshop on Conservation of Urban Environment through Landscape Architecture 26th- 31st December'2016



NATIONAL INSTITUTE OF TECHNOLOGY RAIPUR (C.G.)

(A short term course, an initiative as per the MHRD scheme "Global Initiative on Academic Network (GIAN)")

Overview

Global change causes many environmental problems. Habitat loss, climate increase and biological invasions are some of the most harmful elements on the impact of global change on biodiversity. Influenced by different socio-economic interests, various concepts of nature conservation and environmental protection were developed within the last decades. The importance of interdisciplinary conservation management and environmental measures is increasing, regarding the variety of environmental changes in the future. This course reviews the drivers of global environmental change and conservation management. The course begins with analyses of existing concepts and tools of nature conservation and environmental protection. These concepts are then employed to understand major environmental problems, including habitat conversion, climate change and biological invasions. Connections are explored between urban development and biodiversity in a changing global environment. The final part of the course encourages the participants to develop creative measures for a specific solution for an environmental problem of their regions, after analysing and discussing the background on a scientific level. Special attention is paid to conservation environmental problems of urban dimension.

Objectives

The aim of the course is to improve competences in terms of applying theoretical and methodical knowledge in environmental planning practice. In the course participants will learn how to discuss environmental concepts in a global perspective. Participants should get insights into the topics and concepts of environmental history research based on introductory lectures and own reading and discussion of the most recent literature. Further the participants will develop the skills independently and critically to define and solve project-oriented, open space schemes, under the consideration of ecologic changes and global environmental conservancy concepts. The major objectives are as following:

- To teach participants the general **background and methods** for planning and implementation of nature conservation related issues
- To teach participants **tools for assessing** and addressing environmental problems
- To teach participants to **analyse conservation problems** and develop concepts for implemented solutions in a multidisciplinary manner.

Teaching and learning method

- Improvement of knowledge in the field of conservation biology, urban ecology and global concepts of site survey and site analysis;
- Guided reading and presentation of selected scientific publications;
- Brainstorming and concept development, which transfers into pre-design;
- Presentation skills are practiced and verbal discussion in the various phases of the course;

(This workshop is a credited course and is planned as per norms of GIAN Scheme by MHRD).

Teaching Faculty



Eminent International Faculty

Dr. Katharina Lapin is presently Grant Holder Administrator in NEXT-Project: Non-Native Tree Species for European Forests Institute of Silviculture at University of Natural Resources and Life Sciences Vienna. She is also scientific chair of the herbarium and botanic garden of the Institute of Theology and Ecology OAK, Crete, Greece and Environmental consultant of the local governmental administration of the third district of Vienna. Till date she has published 3 research papers in journals and presented 16 research papers and scientific monographs in international conferences. She has obtained MSc. In Landscape Planning and Landscape Architecture in 2010 and PhD. in 2014. Her main research interest is "Impact of invasive plant species on diversity of habitats".



Eminent National Faculty

Dr. Abir Bandyopadhyay Professor and Head, Department of Architecture, National Institute of Technology Raipur, attained Ph.D. from Department of Architecture and Planning, Indian Institute of Technology, Kharagpur in 2006. Since 1989, he is teaching various architectural subjects. His active research areas of interest are History of Architecture, Space Syntax Analysis and Town Planning. He has published a "**Text book on Town Planning**". He has published more than 15 papers in various international journals of repute covering subjects on Town Planning, Space syntax analyses, History of architecture etc. He has also presented papers in 5 international conferences held at Ahmedabad, Rome, Lisbon, Crete etc. He is a Fellow of Indian Institute of Architects and a member of executive committee of Indian Institute of Architects Chhattisgarh Chapter. Presently he is Vice-President of Institute of Town Planners India, Chhattisgarh Chapter. Besides member of Indian Buildings Congress and Indian Institute of Interior Designers, he is expert reviewer of Journal of Council of Architecture, India and Housing and Building National Research Journal, (HBRCJ) Produced and hosted by Elsevier B.V.(on behalf of HBRC).



Architect Debashis Sanyal, is presently Associate Professor in Department of Architecture, National institute of Technology Raipur. Since 1985, he is teaching various architectural subjects. His active research areas of interest are Self Sufficient (Energy Efficient) Housing, development of Eco-cities, Super tall Intelligent buildings, industrialized mass housing and Indoor Air quality of residential interiors. He is individual Member of International Council for Research and Innovation in Building & Construction (CIB), Netherlands and Working Group 098, 119. He is also member of International Association for Housing Science and Individual Member (Academic) of Council on Tall Buildings and Urban Habitat, USA.

| Schedule | Registration | |
|---|---|---------|
| Dates:- 26th December 2016 To 31st December 2016 | Participants from Abroad | US\$500 |
| | Professional Architects / Sociologists / Researchers. | Rs.5000 |
| | Faculty from reputed academic/ technical institutions and PhD. Scholars | Rs.3000 |
| | Students (B.Arch./ M.Arch./ Sociology) Other institutes | Rs.2000 |
| | Students (B.Arch.) from host institute | Rs.1000 |

Number of Participants will be limited to 40

To register, please complete the form and send to:

CONTACT US:

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