

Built Environment Sustainability and Quality of Life

11th – 15th September 2017



Deenbandhu Chhotu Ram University of Science and Technology,
Murthal (Sonapat), Haryana

A short term course, an initiative as per the Ministry of
Human Resource Development, Government of India scheme
-GIAN



Overview

Passive low energy and low carbon measures and initiatives applied to the built environment have to be considered within their socio-economic context and in light of sustainability's aim to enable and support the positive growth of individuals, communities and countries. Thus quality of life is to be considered concurrently with sustainability as a goal. The BESQoL (Built Environment Sustainability and Quality Of Life) Assessment Methodology is a tool for architects and other professionals associated with the built environment designed to help develop sustainable low carbon developments that provide capabilities for a high quality of life for all members of the community. The methodology involves a multidisciplinary approach that examines five categories relevant to the development site: 1) the natural environment and natural capital, 2) the built environment, 3) movement, 4) economics, and 5) human capital and quality of life. By enabling a more holistic and informed approach to built environment developments students, professionals and local stakeholders a) begin a transformative learning experience that addresses professional and personal values and can help refocus their professional contribution; b) begin to understand the scope that needs to be addressed to create sustainable environments and learn to appreciate the relevance and importance of the various disciplines involved; and c) are better placed to developed holistic and informed strategies that provide sustainable high quality of life solutions for all community members while impacting minimally on the local and global natural environments.

Course participants will learn these topics through lectures, case studies, tutorials and site studies.

Day 1	Lecture 1 Sustainability and quality of life (PS)	Lecture 2 Sustainable Built Environment (CK)	Tutorial 1 Ecological foot printing (PS)
Day 2	Lecture 3 sustainable living (PS)	Lecture 4 The BESQoL methodology (PS)	Tutorial 2 Site visit (NB)
Day 3	Lecture 5 Natural systems & sustainability (CK)	Lecture 6 Built environment sustainability (PS)	Tutorial 3 Sustainable site development (PS)
Day 4	Lecture 7 Movement and sustainability (PS)	Lecture 8 Economy and sustainability (NB)	Tutorial 4 Develop sustainable strategies (NB)
Day 5	Lecture 9 Quality of life and sustainability (PS)	Lecture 10 Inclusive growth (NB)	Tutorial 5 Participants presentations (CK)
You should attend if...	<ul style="list-style-type: none"> ▪ You are an architect or building professional interested in designing sustainable built environment. ▪ You are city planners involved in planning sustainable cities in your profession. ▪ you are a student or faculty member from academic institution interested in learning how to do research on sustainable built environment and quality of life 		
Fees	<p>The participation fees for taking the course is as follows:</p> <p>Participants from abroad : US \$500 Industry/ Research Organizations: INR 10,000 Faculty from Academic Institutions: INR 2,000 Students from Academic Institutions: INR 1,000</p> <p>The above fee includes all instructional materials, computer use for tutorials and assignments, laboratory equipment usage charges, free internet facility. The participants will be provided with accommodation on payment basis.</p>		

The Faculty



Dr. Paola Sassi is Senior Lecturer in Oxford Brookes University, Programme Leader in Center for Alternative Technology, Partner in Sassi Chamberlain Architects. She earned her Doctorate in Sustainable Design from the Cardiff University in 2010. In 2003 she completed her Post Graduate Certificate of Higher Education from the University of Nottingham. In 1997 she received her MSc in Advanced Energy & Environmental Studies from the Centre for Environment and Computing, University of East London. In 1988 she received her Diplom Ingenieur from the Akademie der Bildenden Kunst München, Germany. She has 30 years of architectural practice experience mainly in Germany and the UK. Her research interests includes sustainable design, design for longevity, material reuse and closed loop material cycle, the impact of the built environment on motivating and facilitating uptake of sustainable lifestyles, low energy and zero carbon design. She is the author of 'Strategies for Sustainable Architecture', runner up in the RIBA International Book Award 2007.



Prof. Dr. Chitrekha Kabre is the Professor and Former Dean, Faculty of Architecture, Urban and Town Planning, Deenbandhu University of Science & Technology, Murthal. She is Fulbright Visiting Professor, the North Dakota State University, Fargo, USA (2012–13). She earned Doctorate in Architecture from the University of Queensland, Australia in 2008. In 1989 she received her Master of Building Engineering & Management degree (gold medal) from the School of Planning and Architecture, New Delhi. In 1985 she received her Bachelor of Architecture from the Maulana Azad National Institute of Technology, Bhopal. She has 25 years of academic and professional experience in the architecture and building profession. She is Certified Professional for Green Rating for Integrated Habitat Assessment (GRIHA), National green rating. She is the Master Trainer for Energy Conservation Building Code, Bureau of Energy Efficiency, Government of India. Her biography is published in Marquis Who's Who in the World, the United States, as one of the leading achievers. Her research interests are Computer Aided Architectural Design, Energy-efficient and Sustainable architectural design, GREEN building Rating, Architectural Technology (building science & building technology) & Project Management.



Ar. Nirmala is the Assistant professor and PhD scholar, Faculty of Architecture, Urban and Town Planning, Deenbandhu Chhotu Ram University of Science and Technology, Murthal. She earned her Master degree in Urban and Rural Planning in 2013 of the University. In 1996 she received her Bachelor of Architecture degree from the Chandigarh College of Architecture, Chandigarh. She has 19 years of academic and professional experience in the architecture and building profession. Her research interest is public participation in community planning.

Course Co-ordinator

Prof. (Dr) Chitrekha Kabre

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<http://www.gian.iitkgp.ac.in/GREGN>

An International Workshop
“Built Environment Sustainability and Quality of Life”
(11th – 15th September 2017)

Deenbandhu Chhotu Ram University of Science and Technology, Murthal
(Sonapat), Haryana

[A short term course, an initiative as per the MHRD Scheme “Global Initiative on Academic Network (GIAN)”]

REGISTRATION FORM

To be submitted not later than 31st August 2017

Personal Information

Name* _____

Qualification* _____

Occupation* _____

Organization/Institution/University* _____

Teaching/Research Interest* _____

Address/City* _____

Country* _____

Email & Contact No.* _____

Photo

Registration Fee Details (please tick):

- Participants from abroad: US \$500
- Industry/Research Organizations: Rs. 10,000/-
- Faculty from Academic Institutions: Rs. 2,000/-
- Students from Academic Institutions: Rs. 1,000/-

Payment may be made through*

Demand Draft/Cheque

in favour of “Registrar, DCRUST, Murthal” payable at Murthal.

DD/Cheque/ TR. No. _____

Amount: _____

Date: _____

Bank: _____

Signature with Date *

*Required fields

HOW TO APPLY:

1. Registration form should accompany Demand Draft/Cheque of respective registration fees (non-refundable) as applicable, which should be drawn in favour of “Registrar, DCRUST Murthal” payable at Murthal or fund Transfer through NEFT/RTGS in the following Bank, Details:-
Registrar DCRUST, Murthal, A/C No. 30322539975 (receipt)
State Bank of India DCRUST Branch Murthal
Bank MICR Code- 110002358
Bank IFS Code - SBIN0014374
2. Scanned copy of duly filled up registration form with demand draft/cheque/NEFT proof must be emailed to the coordinator to drchitrarekhakabre.arch@dcrustm.org or crekha888@yahoo.com
3. Hard copy of the form and draft must also be sent by post/ courier to (Dr. Chitrarekha Kabre, *Professor, Faculty of Architecture, Urban and Town Planning, Deenbandhu Chhotu Ram University of Science and Technology, Murthal*, before the last date (31.08.2017).
4. The brochure and the registration form may be downloaded from the University website www.dcrustm.ac.in. or www.dcrustm.org

IMPORTANT INFORMATION:

1. Participants will be provided registration kit & course material covering the entire course.
2. After successful completion of the course, all participants will get participation certificates.
3. **No TA, DA will be provided to the participants.**
4. **Accommodation may be provided to the participants on payment basis.**
5. List of selected participants will be available on institute website.