

About TERI School of Advanced Studies (TERI SAS)

Academic programmes at the TERI SAS are focused around the challenges of providing the rising global population with a limited and degraded natural resource base. In moving towards sustainability, the implicit understanding is that there is no panacea or straight road, with recognized and established methodologies, tools or specializations leading to such development. The solutions therefore do not lie in a specific subject discipline but must be appropriate and relevant to the context or the practical problem being addressed. Developing such an understanding among its students is best achieved through exposure to a variety of subjects, tools, and methodologies offered in interdisciplinary mode. This has been the guiding philosophy behind the programmes offered by the TERI SAS and is practiced by building a theoretical understanding in courses covering a variety of traditional disciplines, such as ecology, natural and social sciences, governance, policy, law, and engineering. During course of study, students converge upon a few areas of focus based upon their interest, having been exposed to a new way of thinking that looks at problems not from the lens of a subject specialist, but from the perspective of one who recognizes the complex linkages between man and his environment.

Coordinators

Dr. Atul Kumar, Professor and Dean Academic, TERI SAS
Dr. Aviruch Bhatia, Assistant Professor, TERI SAS

Venue

TERI School of Advance Studies
Plot No. 10, Institutional Area
Vasant Kunj, New Delhi - 110 070 (India)
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www.terisas.ac.in

About the program

This course addresses the skills and knowledge requirements for carrying out energy and daylight simulations for efficient building design.

Faculty

Mr. PC Thomas specialises in Integrated Building Design; using simulation tools to assist in the design and delivery of sustainable buildings, in particular, in predicting the performance of the mechanical services.



He has a Masters degree in Mechanical Engineering, 20 years of consulting, research and teaching experience in Sustainable Buildings, Building Energy Simulation, Energy Auditing, Energy Efficiency in Buildings, and Solar Energy. PC enjoys working in a team environment to help design and retrofit buildings to deliver sustainable, high performance buildings. He is a founding Director of Team Catalyst Proprietary Limited, with the motto, "Driving Sustainability Through Teamwork". PC Thomas is currently Adjunct Associate Prof, Sydney School of Architecture, Design and Planning at The University of Sydney where he lectures to post graduate students.

Content

1. What is whole building energy simulation?
2. Use of building simulation in practical projects:
 - A residential renovation project
 - An end-of-life HVAC plant upgrade in a commercial office building
3. Demonstration of DesignBuilder

Registration fee

Rs. 500 (limited seats)

Registration link

www.terisas.ac.in/buildingsimulation

Schedule

Training program 10 AM to 1 PM.
Lunch 1 PM to 2 PM

Email us for any query

aviruch.bhatia@terisas.ac.in

Training Program on

"Building Energy and Daylight Analysis"

14 February 2020



(Deemed to be university, Accredited by NAAC)

In association with

Team Catalyst

"Driving Sustainability through Teamwork"

