



CITY ENERGY MANAGEMENT MODELING AND PRACTICE

Venue - Department of Architecture and Planning
Malaviya National Institute of Technology Jaipur

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Organized by:
Malaviya National Institute of Technology Jaipur

International Expert

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measures aimed at achieving sustainable and efficient use of fuel and energy (FER) and include both organizational and technical measures at facilities governance. The main advantage of CEMS system implementation is the reducing consumption of FER in municipalities, providing rational and resources and favorable ecological situation in the city. CEMS gives an energy flows of the city, how much and in what areas of activity of the energy is consumed (public sector buildings, transport, housing, services etc.). CEMS allows to track and maintain control over each of the municipal facilities for the consumption of FER on a systematic basis, at the same time prompt response to various changes in energy consumption and adjust it at time of day, season and weather conditions. At the same time, the dynamics and rational use of thermal and electrical energy at urban determining in the basis of energy management.

The aim of this course disseminate the practical skills and knowledge about Management Systems (CEMS), which allows Administrations enter appropriate stakeholders to implement the following public policy objectives of energy efficiency in housing and utilities: integrated recording and monitoring energy consumed; dispatching of data on accounting individual energy consumption; control of building's engineering systems operation; automation of the monitoring of regional and municipal energy efficiency program execution; automatic creation and processing of energy passports of housing facilities; savings energy resources; identification of excessive energy resources loss and emergencies; monitoring compliance with the quality parameters and the supply; calculation of investment programs for energy supplying organizations.

Modules	<p>A: Energy Management Systems</p> <p>B: Energy Performance Indicators</p> <p>C: Energy Simulation for City Energy Management</p> <p>Number of participants for the course will be limited to fifty.</p>
You Should Attend If you are a...	<ul style="list-style-type: none"> • Student of Architecture and Engineering of year 4 and higher from reputed academic and technical institutions. • Professionals and practitioners (Architects and Engineers) in the design sector • Executives, engineers and researchers from manufacturing and government organizations including R&D laboratories.
Fees	<p>The participation fees for taking the course is as follows:</p> <p>Participants from abroad : US \$300</p> <p>Industry/ Research Organization Professionals: INR 7500</p> <p>Faculty from academic institutions: INR 5000</p> <p>Students: INR 2500</p> <p>The above fee include all instructional materials and course accommodation will be chargeable as per actuals.</p> <p>Register for the course through GIAN portal : http://www.gian.in</p>