

ENERGY MANAGEMENT IN BUILDINGS & SERVICES
New Delhi, June 7-9, 2004

TECHNICAL SESSION-I : PLANNING & ARCHITECTURAL DESIGN

S.no	Topic	Presented by
1	A Blueprint for Energy Efficient City	A. K. Jain
2	Low energy Built Form : Issues and Options	K.T. Gurumukhi
3	Design Development of Energy Efficient Residential Building	Dr. Ishwar Chand, R. D. Singh & S.S Aggarwal
4	Integrated Building Design for Energy Efficiency	A.K. Rambani & Debotosh Mandal
5	Architectural Design for Energy Efficiency	Rajan Venkateswaran
6	Energy Performance Evaluation of Passive Measures in Buildings	Shweta Sawhney & Virendra Kr. Paul
7	Planning Strategies for Optimizing Energy Use in the Building Construction	V. Srinivasan & S. K. Negi
8	Solar Passive Architecture : A Viable Solution for Energy beyond 2020	Prof. R.K. Khitoliya ,Gaurav Moudgil, Munish Bansal & Dinesh Chandra
9	Designing Energy Efficient Buildings	V.K. Manglik
10	Energy Efficiency in Low Cost Housing	Dr. A.K. Gupta & Saurabh Varshney
11	Energy Efficient Building Designs for Cold Climatic Regions	Neeta Mittal
12	Architectural Design for Energy Efficiency	Purushottam P. Doijode

TECHNICAL SESSION-II : LIGHTING, HVAC & ENERGY SIMULATION

13	New Trends in Day Lighting for Energy Saving in Buildings	K. R. Ramana
14	Energy Efficient Lighting –Cost Benefit Analysis	Col R.K. Mattu & Piyush Jain
15	A Novel Earth-Coupled Air-Conditioning System for Energy Conservation	Brig (Dr.) Surjit Pabla
16	An integrate Approach to Energy Efficiency in Hospital HVAC Design –A case study	A.C. Verma
17	Computer Simulation : Tool for Building Energy and Design Optimization	Anil Mishra & N.S. Hukmani
18	Virtual Reality : A Tool for Efficient Energy Management in Building Services at Planning Stage.	Sudhir Sharma, P.K. Gangopadhy, R. L.Gupta

19	Natural Daylighting : Benefit & Strategies	Sanjay Ekbote
20	Natural Light in Storage Sheds an Effective Measure for Energy Saving -A Case Study	Satendra Singh
21	Heating, Ventilation and Air Conditioning – Energy Conservation	Raj Narayan
22	Simulation Software Vs The Design Process	Sameer Jain
23	Modeling and Analysis of Energy Efficient Building System	Prof. Rajiv Gupta & Rahul V. Ralegaonkar
24	Energy Conservation in Residential Buildings in India	A. B. Kottewar

TECHNICAL SESSION-III : ENERGY CONSERVATION & NON-CONVENTIONAL ENERGY SOURCES

25	Energy Saving Techniques for Building Design	D. P. Ghosh
26	Electrical Energy Conservation in Buildings	P.V. Navalkar
27	Energy Conservation	Raj Kumar
28	Practical Application of Solar Energy in Buildings Construction	Avinsah Kubal, Deepak Gadhia, Narendra Patel, Nikesh Shah & Pramod Dabrase
29	Non-Conventional Energy Utilization – Energy Parks in Rann of	Kutchch., Gujarat State Dr. M.R. Prakash
30	Energy Efficiency in Buildings –Some Vital Issues	Dr. K. M. Soni
31	Energy Saving Through Improved Glazing in Indian Climates	Prof. N. K. Bansal & Inderjeet Singh
32	Energy Conscious Sustainable Building Construction	Minakshi Jain & Inderpal Singh
33	Thermal Insulation for Buildings	K.K. Mitra
34	Vermiculite Based Insulating Materials for Energy Conservation in Buildings	Dr C.L. Verma & S.K. Handa
35	Energy Saving Potential of EPS Thermal Insulation in Buildings	Shree Kumar, S.S. Aggarwal & B.M. Suman
36	Thermal Evaluation of AAC Buildings in Comparison with Brick Buildings	Bhramara P & Dr. Ramana Rao N.V.
37	Energy Conservation Possibilities in Academic Institutions – A Case Study	Pradeep Kumar & Naresh Kumar

TECHNICAL SESSION-IV : ENERGY AUDIT & BUILDING CODES

38	Energy Conservation in Government Buildings Through Performance Contracting System	B. Majumdar & S.R. Subramanian
39	Energy Management in a Commercial Building Through Performance Based Contract	D.V. Satya Kumar & I.V. R. Kumar
40	Software for Energy Audit in Buildings	V. Murali & Dr. K. Ramamurthy
41	Energy Audit and Utilization of Non-conventional Energy in Energy Management of Buildings and Services	Vikas Apte
42	Formulation of Building energy Code for India : A Conceptual Framework	Ashok Kumar & Dr. N.K. Garg
43	Development of Energy Conservation Building Codes for India	Tanmay Tathagat
44	Scientific Approach for Implementation of Energy Efficiency Measure Under Performance Contracting for Buildings	O.P. Gupta vsm, R.K. Meena, J.J. Lal & Vijay Gupta
45	Energy Conservation and Cost Benefit Analysis	B.G. Jadhav
46	Energy Audit and Efficient Use of Electrical Power	Dr. Ram Varma
47	Energy Auditing Procedure	Hemant kumar H. Patil
48	Energy Audit	P.L. Kulkarni