

**Recent Trends in High Rise Buildings**  
**Vigyan Bhawan, May 8-10, 2008**

**Technical Session –I: Architectural Planning**

1. Vision of Future Urban Form of Indian Megacity  
*A.K. Jain*
2. High Rise Buildings: The Future of Built Form  
*J.B. Kshirsagar & Pawan Kumar*
3. Circulation: The Basic Element of High Rise Building Design  
*P.K. Patel & Ashwani Kumar*
4. Features of High Rise Buildings  
*Judy Vinodhini & Lourde Horrini Leo*
5. High Rise Building in 21<sup>st</sup> Century  
*Ajaya Bharadwaj*
6. Low Energy High Rise Building Design – The Changing Concept  
*Satyaki Sarkar*
7. Sustainability of Tall Buildings  
*Anu Sikka & Gopal Johari*
8. Redefining Urban Environment in the Face of Emerging Trends  
*J.K. Gupta & Navdeep Viridi*
9. High Rise Building Planning: An Overview  
*R.N. Yadav*

## **Technical Session – II : Structural Planning And Construction**

10. Life Cycle Planning of Multistoreyed Structures  
*Dr. K.M. Soni*
11. Recent Trends in High Rise Buildings  
*Gurudev Singh*
12. Practical Problems and Solution in Construction of High Rise Buildings  
*S.C. Basu Roy*
13. Earthquake Resistant Design of Structures with Flat Slab System – A Case Study  
*S.C. Mehrotra*
14. Use of Mineral Admixtures in Self Compacting Concrete for High Rise Building  
*Dr. Hemant Sood, Dr. R.K. Khitoliya & S.S. Pathak*
15. Modern Trends in Functional and Structural Design  
*Lt. Col. P. Nallathambi & Rajesh Lal*
16. High Rise Buildings – A Guide to Innovation in Design and Construction  
*Rajneesh Goel*
17. Corrosion Problems in High Rise Buildings  
*Rama Debbarma & Ratul Das*
18. Economic Considerations of High Rise Buildings  
*Vishal Kumar*
19. Influence of Workability in Concrete Mix Design for High Rise Buildings  
*U.K. Nath & Dr. B. Talukdar*

### Technical Session – III : Services

20. Imperative of Services and Facilities in High Rise Buildings – A Case Study  
*Dr. Indrasen Singh*
21. Efficient and Comfortable Buildings through BMS  
*R. Balakrishnan, K.S. Mohamed Ibrahim & N. Bosejith*
22. Recent Trends in E & M Services with Integrated Approach  
*Kuldip Peshin*
23. Waste Management Strategies for High Rise Buildings  
*Brig. T.S. Sidana, Lt. Col. M.S. Shankar & Piyush Jain*
24. Garbage Disposal Management in High Rise Buildings – An Overview  
*Arvind Kumar Arora*
25. MCD Civic Centre – A Case Study  
*Sunil Tyagi & P.K. Khandelwal*
26. A Green Strategy of Solid Waste Management in High Rise Buildings  
*Prabhat Kumar, Ruchi Saraswat & Manoj Sharma*
27. Energy Efficient Buildings – Need of the Hour  
*Dr. Umesh Sharma & Dr. Siby John*

## Technical Session – IV : Safety And Other Issues

28. Mitigating Terrorist Threat to High Rise Buildings  
*Rajev Gupta*
29. Environmental Measures and Management in High Rise Buildings - Case Study  
*Shakti Prakash, V.K. Mathur & Deepak Narayan*
30. Developments in High Rise Buildings  
*Dr. M.R. Prakash*
31. Social Requirements in High Rise Apartments –Case Study  
*Ashok Kumar*
32. Design Criteria in High Rise Residential Buildings for Safety  
*Neeta Mittal & G. Mehta*
33. Fire and Life Safety Measures for Tall Structures  
*S. Padmanathan & J. Vengadesan*
34. Approach to Fire Safety in High Rise Buildings  
*V.B. Gupta & S.K. Jain*
35. Design for Disabled People in High Rise Buildings  
*O.P.Gupta vsm, Vijay Gupta & J.J. Lal*
36. Maintenance of High Rise Buildings  
*Vijay K. Saluja & Neelam Saluja*
37. Crime Prevention Through Planning in Built Environment  
*S.K. Negi, V. Srinivasan & R.K.Garg*
38. Fire Safety in High Rise Buildings  
*Gursharan Jeet Kaur & Gopal Kumar Johari*