

# CCPS and IBC Organize Training Programme On Uses of Glass & Glazing System in Buildings in New Delhi

*Confederation of Construction Products and Services (CCPS) and Indian Building Congress (IBC) organized a two days Training Programme "On Uses of Glass & Glazing System in Buildings" for the officers of Government Departments & professionals on 11th and 12th August, 2011 at IBC Conference Hall, New Delhi.*



Inaugural Session - 11.08.2011, Right to left-  
Sh. B. K. Chugh, President IBC, Sh. D. S. Sachdev, Former DG CPWD & Adviser CCPS,  
Ar. Deepak Gahlowt, Hony. Convener CCPS, Sh. A. K. Singhal, Executive Director IBC

Owing to the increased use of glass in all types of buildings, there has been persistent demand and requests to Confederation of Construction Products and Services (CCPS) from various quarters to organize workshop/training programme for the officers of Govt. Departments, technocrats and professionals covering various components, and essential features related to glass use in various types of buildings. Accordingly CCPS organized two days Training Programme on Use of Glass and Glazing System in Buildings in collaboration with Indian Building Congress on 11<sup>th</sup> and 12<sup>th</sup> August 2011 at IBC Conference Hall, New Delhi.

The programme was attended by 47 participants and dignitaries from Central PWD, Military Engineering Services, Delhi Development Authority, PWD Delhi Govt., Delhi Tourism and Transport Development Corporation, IRCON International Ltd., Engineering Projects (I) Ltd., U.P. Twiga Fiberglass Ltd., Asahi India Glass Ltd., Saint Gobain Glass Ltd., Ozone Overseas Ltd., Dow Corning India Pvt. Ltd., McCoy Soudal, Façade India Testing Inc., Gold Plus Group, IBC and CCPS.



Ar. Deepak Gahlowt, Hony Convener CCPS  
addressing the participants

Shri Virendra Sharma, Director, IBC, welcomed the participants. Shri Deepak Gahlowt, Architect, Hony. convener CCPS, in his address informed that the options for glazing in buildings are numerous such as curtain walling, structure glazing, bolt glazing or spider glazing, fin supported glazing, cable glazing, suspended glazing etc which are available according to customers' choice and requirement. Shri D.S. Sachdev, former DG, CPWD and Tech. Adviser to CCPS, emphasized that the type of glass to be used for the building and the glazing system to be followed are important aspects and require good understanding of the subject. The



Participants attending Training Programme

safety, the use of good quality glass, fixing materials and fixtures are of prime concern.

Shri B.K. Chugh, President IBC, in his inaugural address said that in India, during last few years there has been seen, significant increase in use of glass in building construction. The sky lines of Indian metros are dotted with high-rise buildings clad in glimmering glass. The trend has been to use the glass just to get 'Hi-Tech' and sophisticated look. Glazing which has become a favoured feature in the buildings today has numerous advantages. Apart from the aesthetic improvement, use of glass reduces the dead weight and can have tremendous impact on energy performance of the building inside, enhancing the visual



Dr. Avlokita Agrawal, interacting with participants during her lecture

and acoustic effects. It is very necessary for the professionals to be aware of latest innovations, practices and requirements in this field and only for this purpose, the present programme has been organized by IBC and CCPS.

Following topics were covered in the training programme :

- (i) **Types of Glass & Manufacturing Process** by Mr Senthil Kumar, Head-Marketing, Asahi India Glass Ltd
- (ii) **Use of Glass for Energy Efficiency & Thermal Comfort in Buildings** by Dr. Avlokita Agrawal, Head, Architectural & Green Design, Asahi India Glass Ltd
- (iii) **Aspects of Human Safety in uses of Glass & responsibility of Authorities** by Ar. Deepak Gahlowt, Hony. Convener, CCPS
- (iv) **Glazing System and Testing** by Mr. Sudhanshu Dighe, Design Team Head, Façade India Testing Inc.
- (v) **Architectural Hardware Solutions** by Col. (Retd.) Amit Sehgal, Director (Operations), Ozone Overseas Ltd.,
- (vi) **Role of Silicone Sealants in structural glazing and construction** by Mr. CRG Prasad, Commercial Manager, Dow Corning India Pvt. Ltd.,
- (vii) **ECBC and Glass as green material** by Mr Abhinav Nanda, Design Engineer, Saint Gobain Glass Ltd
- (viii) **Case Studies** by Mr Abhinav Nanda, Design Engineer, Saint Gobain Glass Ltd



Col. (Retd) Amit Sehgal, speaking on Architectural Hardware Solutions

"Guidelines on use of glass in buildings-Human safety" brought out by CCPS, was also distributed and the participants were informed that the Guidelines suggests how to regulate glass in relation to human safety by either restricting use of glass or specifying use of Safety Glass



Sh. CRG Prasad, delivering lecture on Role of Silicone Sealants in Structural Glazing and Construction



Sh. Abhinav Nanda, speaking on ECBC & Glass as Green Material



Sh. Mangesh Bhusari, interacting with participants

at critical locations where chances of injury due to glass breakage are high. These guidelines have been mandated and implemented by a number of States and Central and State Govt. departments by issuing necessary GO/OM/OO which includes **Central PWD; Govt. of Andhra Pradesh; Govt. of Rajasthan; Greater Hyderabad Municipal Corporation; Govt. of**

**Manipur PWD; Govt. of Delhi; PWD, Delhi Development Authority; Rajasthan Housing Board and Town Planning Deptt, G.O.R.** Feedback received from the participants revealed that the majority have suggested for mandating the Guidelines in the country to ensure human safety while using glass in buildings, inclusion of safety glass items in Schedule of Rates, specifications and Tender documents of construction departments. There were long question/answer sessions after each lecture which helped in clearing the doubts of the participants.



Valedictory Session 12.8.2011 from left to right- Sh. Shashi Kant, Adviser CCPS, Former Dy. Adviser Planning Commission, Sh. S. K. Vij, Immediate Past President IBC & Former Member Engg. Railway Board, Sh. B. K. Chugh, President IBC & Former DG CPWD, Sh. Virendra Sharma, Director IBC & Former ADG CPWD

The Valedictory Session was held on August 12, 2011 which was presided over by Shri B.K. Chugh President, IBC and former DG, CPWD in the presence of Shri Satish K. Vij, immediate past President, IBC and former Member Engineering Railway Board and Shri Shashi Kant, Adviser, CCPS and former Dy. Adviser, Planning Commission. Encouraged by the response and success of this Training Programme, Sh. Shashi Kant said that similar programmes would be organized in other parts or the country in collaboration with IBC. Mr. Mangesh Bhusari from Façade India Testing Inc. and Dr. Avlokita Agrawal from Asahi India Glass Ltd invited the participants to visit their Façade Testing site at Mumbai and Asahi Glass manufacturing and processing units at Roorkee respectively. Certificates for participation in the Training Programme were distributed to the participants by Sh. Satish K. Vij, immediate past President, IBC.



Ms. Shobhna, Jt. Director MES receiving certificate for successful completion of training programme

CCPS may be contacted at: [ccps@ccpsindia.com](mailto:ccps@ccpsindia.com), Web: [www.ccpsindia.com](http://www.ccpsindia.com)