

Amity University

The First University to Sensitize and Teach Students about Safe Use of Glass in Buildings



Ar. Deepak Gahlot, Convener CCPS delivering the Lecture

Presently glass has emerged as one of the popular and inevitable building material due to its inherited qualities, merits & properties and appreciated for its visual appeal, aesthetics, architectural elegance, functional advantage, adding excellence in building performance, symbol of modernity and many more. This trend will continue to increase in the country in the years to come. In this scenario, issues of human safety, impact on energy efficiency, problem at the time of fire-fighting etc. is a matter of concern and need to be taken care of at all levels.

Recognizing the gravity of the problem, "Confederation of Construction Products and Services" (CCPS) is making all efforts to disseminate the information about safe use of glass in buildings and promoting the recommendation of "Guidelines on use of glass in buildings-Human safety" brought out by CCPS amongst the Govt. departments, professionals, consultants, architects etc.

With the aim to update the students/faculty with the latest developments, innovations and requirements in the field of the use of glass, focusing human safety, a lecture was organized on October 10, 2013, which was attended by 58 final year students and faculty members of Civil Engineering Deptt. of Amity School of Engineer-

ing and Technology (ASET), Amity University, Noida Uttar Pradesh.

In the lecture, Ar. Deepak Gahlot, Convener CCPS, described about the factors contributing to popularity and extensive use of glass in buildings particularly for aesthetic appeal, visibility, light transmission, light weight, changing life style and many more. The students were informed about the manufacturing process of glass, availability of different types of glass, their properties and uses, the impact on energy performance and acoustic effects. Further, the types of safety glasses, their uses and test requirements & selection of appropriate glass at critical locations where chances of injury are more was highlighted. Moreover the recommendations of the Guidelines to ensure human safety and considerations for manifestation, fire safety etc. were explained in details.

Mr. Shashi Kant, Adviser, CCPS and former Dy. Adviser, Planning Commission informed about the status of implementation of recommendations of the guidelines by 14 States and Central & State Govt. Deptts. and PSUs which include Govt. of Andhra Pradesh, Govt. of Rajasthan, Central PWD, NBCC, Airport Authority of India, Govt. of Delhi PWD, Delhi Development Authority, Haryana PWD, Greater Hyderabad Municipi-

pal Corporation, Govt. of Manipur PWD, Rajasthan Housing Board, Town Planning Deptt, Govt. of Rajasthan, A&N Adm. PWD and India Trade Promotion Organization.

Mr. J. Bhattacharjee, Prof. & Advisor, Civil Engg. Deptt., ASET said that the programme was very educative/ informative & important for the students/Faculty members to know all about the latest developments of this attractive building material and this would be very useful to develop courses and include in syllabus to teach in the engineering classes.

Based on deliberations and materials given, the University has approved and included Glass - Manufacturing Process, Types of Glass (Basic & Processed), use of appropriate glass at critical locations ensuring Human Safety, Manifestation, Safety glass test requirements etc. including Guidelines and other publications of CCPS in the Curriculum of Civil Engineering of Amity University. CCPS will continue to collaborate with the Amity University in imparting training to the engineering/architectural students on innovative products and their application.

Source:

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