

Report on Expert Talk

An Expert lecture was organized by Civil Engineering Department for updating the knowledge and understanding the concept of sustainable infrastructure.

Topic of Lecture	:Planning for Smart and Beautiful Cities with Sustainable Infrastructure
Date	: 7-12-2016
Day	: Wednesday
Venue	: Vishvakarma Hall, Building No 2, L. D. College of Engineering
Name of Speaker	:Dr. S.L.Dhingra
Targeted Group	:Students of Transportation Engineering

Brief description about the speaker

Dr. S.L.Dhingra

Institute Chair Professor & emeritus Fellow
Transportation Systems Engineering,
Civil Engineering Department,
Indian Institute of Technology Bombay.

Dr. S.L Dhingra has done his Ph.D from IIT Kanpur. He has teaching/research guidance experience of more than 48 years. He supervised more than 100 M.tech , 17 Ph.D and over 100 B.Tech Projects.He published over 200 papers in international/ national journals and conferences.Dr. S.L Dhingra is a member of various technical bodies such as ASCE, Fellow IE, IUT (India), ISTE, WCTRS, IRC. He is member of Editorial advisory board of NICMAR Indian Journal of Transport management.He is reviewer of journals such as ASCE and ELSEVIER. He is also a member of executive committee of IBEC-ITS. He is CAR(country and representative) of world conference on transport research society for Asia Pacific Region. He is the only appointed member of the advisory Board Directorate of Urban Land transport, urban development department Govt. of Karnataka. He is also a member of Governing council of CiSTUP, IISC Bangalore. He has also received an award of International Engineer of the year 2010 & 2012, The International Biographical centre in Cambridge, England. He has got various awards and honor. He is awarded IBC top 100 engineers Medal -2009. He is an independent director on the Board Directors of Pratibha Industries Ltd., VISHVESHVARIYA CONSTRUCTION EXCELLENCY AWARD in the

category "Eminent Professor" for the year 2006. He is awarded for excellence in teaching 2002 by IIT Bombay.

The expert talk session was started at 2:00 pm at Vishvakarma hall , L.D. College of Engineering. Prof.R.N.Shukla (Assoc. Professor, Civil Engg.Dept.) had given a brief about the event and introduction of the invited expert Dr.S.L.Dhingra. Welcome speech was delivered by Prof. A.M.Malek (Head -civil Engineering Department).

Dr. S.L Dhingra explained the concept of smart city. He also explained the main pillars required for the sustainable infrastructure. He focused on the relation between employment and quality of life for smart city development. He gave ideas about ICT for shift from inclusive growth to sustainability. He also encouraged for the use of unconventional type of energy source.

He also threw light on key issues of transportation such as accessibility, mobility. He also focused on mixed land use development. He explained detail information in terms of public transport like BRTS, Metro as well as TOD (Transit Oriented Development). He explained about the integration of various modes of transportation. He explained about cost involved in the underground metro and elevated metro. He shared his valuable experiences of his different transportation projects. He focused on innovative idea in research work. He encouraged the students find the problem and also told not to use the repetitive solution. He focused on use of ITS in transportation planning.

He concluded that smart city with sustainable inclusive growth and seamless transport offer a very promising solution to this need, by helping citizen and official to develop sustainable behavior and planning

Students were very glad to get a chance to interact with Dr. S.L. Dhingra. Many doubts of the students got cleared by this talk. They also expressed gratitude to the Department for organizing such an informative talk. The P. G. Division (Transportation Engineering) is very much thankful to him for sparing his valuable time with P.G.students.

At the end of the session, the vote of thanks was proposed by Prof.(Dr.) M.B.Dholakiya(P.G.Incharge -water Resources Management)

The Expert talk will help the students in future practical life and bring a constructive change in their thinking and practical behavior concerning Education and specially Engineering.

There were 37 students, 7 faculty members and 1 alumni benefited by attending this expert talk.

