Faculty Development Programme on "Earthquake Resistant Buildings"

A Five Day Faculty Development Programme on "Earthquake Resistant Buildings" was organized by Department of Civil Engineering in collaboration with PITTTR-IKGPTU, Jalandhar from 20th Dec 2017 to 27th Dec 2017 at Global Institute of Management and Emerging Technologies, Amritsar.

Welcoming the experts for the FDP, Vice Chairman Dr. Akashdeep Singh observed that FDP's, seminars, workshops & conferences create bridges of knowledge linking institutions of higher education. He thanked the experts for their willingness to share their expertise with the college faculty.

The eminent speakers who came to share their expertise were Dr. HS Rai, Dr. T Palanisamy, Dr. Sandeep Dua, Dr. Rajiv Chauhan and Dr. Sewa Singh.

Dr. HS Rai, Professor and Dean Consultancy at Guru Nanak Dev Engineering College, Ludhiana, delivered a talk on how to design earthquake resistant buildings using appropriate IS Codes.

Dr. T Palanisamy, Associate Professor Department of Civil Engineering, IKGPTU Jalandhar, addressed the teachers on topic "Strengthening of Beam – Column Joint by Basaltcrete Cement Composites against Earthquake Loads". He showed comparisons of Polyester Fiber Reinforced Concrete with Basalt Fiber Reinforced Concrete and Structural Behavior of Polyester Fiber Reinforced Concrete with Basalt Fiber Reinforced Concrete Beam-Column Joint.

Dr. Sandeep Dua, Professor & Ex.Head, Department of Architecture GNDU Amritsar, discussed architectural aspects of earthquake resistant design.

Dr. Rajiv Chouhan, Associate Professor & Head, Department of Civil Engineering, IKGPTU Jalandhar, discussed the importance of ground improvement of the soil which is prone to liquefaction during earthquake. He explained various ways like Stone Columns, Densification & Jet Grouting to mitigate excess of pore water pressure that develops during earthquake and causes the liquefaction.

Dr. Sewa Singh, Ex-Principal, Guru Nanak Dev Engineering College Ludhiana, discussed how waste tyres can be used to various disasters like earthquake. As the recycling of tires causes the environmental pollution, he discussed how effectively waste tyres can be used behind the retaining walls and underneath the footing.

Prof. D.S. Bhambra, Head, Department of Mechanical Engineering, GIMET Amritsar, shared his views on NBA & NAAC accreditation process.

Speaking on the concluding day, Director Dr. Rajesh Goel was all praise for the visiting scholars, the participating faculty who showed keen interest throughout the Faculty Development

Programme & The Department of Civil Engineering for the excellent logistics to make the FDP a grand success.


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GLOBAL INSTITUTE OF MANAGEMENT & EMERGING TECHNOLOGIES, AMRITSAR
FACULTY DEVELOPMENT PROGRAMME
ON
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SPONSORED BY PITTTR-IKGPTU
20TH – 27TH DECEMBER 2017
VENUE: GIMET INTERACTION HALL
PTU
OD CIVIL ENGG
VICE PRINCIPAL
DR.SEWA SINGH