

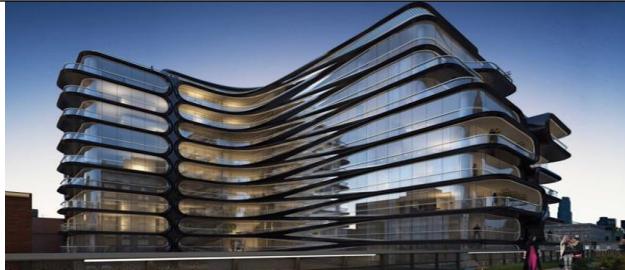
SEMINAR ON “PRACTICAL DESIGN OF POST-TENSIONED BUILDINGS”

acep



Organized by: The Institution of Engineers Pakistan, Karachi Centre
In collaboration with NED University of Engineering & Technology
& Association of Consulting Engineers (Pakistan)

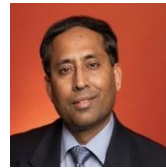
CPD



PEC will award credit point to participating engineers as per their defined criteria

About Seminar: The presentation on Post-Tensioned (PT) structures focuses on the design of Post-Tensioning systems as well as on the practical considerations necessary for preventing performance deficiencies and field problems. The seminar provides an overview of Post Tensioning for buildings which will interest both the novice students and the seasoned engineers alike. Key concepts of post-tensioning and its advantages over mild reinforced concrete will be discussed. A variety of topics will be covered beginning with the basics such as post-tensioning methodology, code criteria and stress losses to more advanced concepts such as load balancing, anchorage zone design, barrier cable design and external post-tensioning. Practical considerations such as layout of restraining elements to avoid cracking, utilizing slip details and efficient placement of pour strip locations will be addressed. The design of PT members by available software programs and hand calculations for back-checking key aspects of the output will be discussed. A few sample projects designed by the presenter will be illustrated. This presentation is a condensed version of a full day (8 hours) seminar which Engr. Nizamuddin offers in Chicago under the auspices of the Structural Engineers Association of Illinois (SEAOI).

Speaker profile:



Engr. Khawaja Nizamuddin, S.E., P.E., Project Manager with RME Engineers in Chicago. Engr. Nizamuddin received his B.S. degree in Civil Engineering from NED University in 1983.

He was then awarded the AGA Khan scholarship to pursue the MS degree in Structural Engineering from the University of California at Berkeley. He also has an MS in Transportation degree from the University of Illinois at Chicago and an MBA from DePaul University, Chicago. He is a Licensed Structural Engineer (SE) and a Professional Engineer (PE) in Illinois. Mr. Nizamuddin has more than 30 years of diversified experience in building design. His project portfolio includes high rise buildings, commercial and office buildings, industrial buildings, gymnasiums, parking garages, schools, hospitals and environmental engineering structures. Over the years, he has been involved in the design, detailing and field inspections of more than a dozen post-tensioned buildings.

Since seats are limited registration will be on first-come-first bases. All nomination must reach Secretary, IEP, Karachi Centre on 28th December, 2018

Date:
SATURDAY
29, DECEMBER, 2018
Time:
4:30 to 6:00 pm
Venue:
IEP Convention Center,
5th Floor, IEP Building,
Opp: Hotel Regent Plaza,
Shahrah-e-Faisal, Karachi

Who should attend?
Practicing Structural Engineers, Architects,
Civil Engineer Students, Contractors,
Developers and others interested in Post-
Tensioned Building Structures.

For Registration /Information, Please contact:
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