

Third International Conference on Advances in Civil Engineering

(ACE 2012)

**Delhi, India
28 – 29 December 2012**

Editors:

G. Thomas

ISBN: 978-1-62993-423-5

Printed from e-media with permission by:

Curran Associates, Inc.
57 Morehouse Lane
Red Hook, NY 12571



Some format issues inherent in the e-media version may also appear in this print version.

Copyright© (2012) by The Institute of Doctors Engineers and Scientists (IDES)
All rights reserved.

Printed by Curran Associates, Inc. (2014)

For permission requests, please contact IDES-CPS
at the address below.

IDES-CPS
Prins Hendriklaan 19
1075 AZ Amsterdam, Netherlands

Phone: +31-6855 84465

cps.info@theides.org

Additional copies of this publication are available from:

Curran Associates, Inc.
57 Morehouse Lane
Red Hook, NY 12571 USA
Phone: 845-758-0400
Fax: 845-758-2634
Email: curran@proceedings.com
Web: www.proceedings.com

Table of Contents

1. Effect of Shear Wall Configuration on Seismic Performance of Building <i>Ehsan Salimi Firoozabad, Rama Mohan Rao K and Bahador Bagheri</i>	121-125
2. An Innovative Method for Analysis of Statically Indeterminate Beams using Relative Deformation Coefficient Approach <i>Darshan Pala and Pranav S Gandhi</i>	126-130
3. Effect of Corrosion Inhibitor on The Strength and Durability Properties of Quarry Dust Concrete <i>Devi M</i>	131-135
4. Effectiveness of Dome Structures in Reduction of Stresses under Transverse Loadings <i>Ashim Kanti Dey and Chinmoy Deka</i>	136-140
5. Analysis of Static & Rolling Vertical Loads on Continuous One – Way and Two – Way Slabs Designed by Sandwich Theory of RCC Design and Its Implications Subject To Reversal of Stresses <i>Akshay V</i>	141-145
6. Top Soil Erosion Control Using Geojute <i>Abdul Jabbar Khan and Tarik Habib Binoy</i>	146-150
7. Behaviour Of RC Framed Building With Different Lateral Bracing Systems <i>Sarita Singla, Megha Kalra, Rahul Kalra and Taranjeet Kaur</i>	151-155
8. Behaviour of R.C.C. Tall Buildings Having Different Shapes Subjected to Wind Load <i>Sarita Singla, Taranjeet Kaur, Megha Kalra and Sanket Sharma</i>	156-160
9. Mechanical Properties of Pervious Concrete <i>Sanket Sharma, Sarita Singla and Taranjeet Kaur</i>	161-164
10. Influence of Silica Fume on Strength Characteristics of Fly Ash Alumino Silicate Concrete <i>Gopalakrishnan R and Chinnaraju K</i>	165-168
11. Mechanical Properties of High Strength High Performance Concrete <i>Sarita Singla</i>	169-172

12. Geopolymer Paver Blocks 173-178
*Aaron Darius Vaz, Donal Nixon D'Souza, Noothan Kaliveer,
Satish K T and Amar S M*
13. An Overview of The Faulty Decisions of City Authorities at Azimpur 179-181
Intersection of Mirpur Road in Dhaka City
Ahmed A and Tarik H Binoy