

14/7/14

April - June 2014 No.1

ICI

JOURNAL

INDIAN CONCRETE INSTITUTE



ISSN 0972-2998



MUMBAI - WINNER OF ICI-OUTSTANDING CONCRETE STRUCTURE AWARD - 2013

Editorial Board

Er. L.K. Jain
Dr. N. Lakshmanan
Prof. Mahesh Tandon
Dr. C.S. Viswanatha
Er. D. Srinivasan
Er. S.A. Reddi

Overseas

Prof. B.V. Rangan, Australia
Prof. V. Ramakrishnan, USA
Prof. Indubushan, Australia
Prof. V.M. Malhotra, Canada

Governing Council of ICI

Treasurer

Er. R. Arumugam

GC Members

Er.K.Jayasankar
Dr.A.D.Pofale
Er.S.K.Jain
Er.Ish Kumar Jain
Mr.K.G.K.Moorthy

GC Member – co-opted

Dr.Subrato Chowdhury
Er.L.R.Manjunatha
Mr.K.P.Pradeep

GC Member (Orgn. - Rep)

Er.Vivek Naik - Apple Chemie
Dr.M.R.Kaigal - UltraTech Cement
Er.Ganesh P.Chaudhari - Bekaert
Er.Prakash Sreenivasan - Penna Cement

Regional Centres

Centre	Chairman
Hyderabad	Ar. SP Anchuri
Vizag	Dr.D.S.R.Murty
Chattisgarh	Er. A.K. Hazare
Goa	Er. Shridhar N. Kamat
Ahmedabad	Prof. S.P. Sapre
Surat	Er. G.M. Desai
Bengaluru	Dr.R.Nagendra
Hubli Dharwad	Prof. Aravind Galagali
Mangalore	Er.M.M.Kamath
Kochi	Er.Shelly S.Fernandez
Thiruvananthapuram	Er. K. Gangadharan
Gwalior	Prof. M.C. Gupta
Bhopal	Dr. J.S. Chauhan
Mumbai	Er.Samir Surlaker
Pune	Er. S.Nangre Uttam Patil
Nagpur	Er. Manoj A.Kawalkar
Imphal	Er. Kh.Temba Singh
New Delhi	Er. K.P. Abraham
Bhubaneswar	Er. Bijan Behera
Puducherry	Er. S.Suresh
Patiala	Dr. S.P. Singh
Jaipur	Dr.Anurag Misra
Chennai	Dr. Ravindra Gettu
Madurai	Prof. K. Arunachalam
Allahabad	Er. Anil Kumar Pandey
Ghaziabad	Dr. Rajeev Goel
Varanasi	Vacant
Uttarakhand	Dr. Achal Kumar Mittal
Kolkata	Er.S.P. Dutta
Siliguri	Er.Diwakar Garg

Vol 15 April - June 2014 No.1

ICI JOURNAL

INDIAN CONCRETE INSTITUTE



Technical Papers

- 07** Feasibility of Making Concrete From Soil Instead of River Sand
- Dr. T.S. Thandavamoorthy, FIE, FIITArb
- 15** Strength and Behaviour of Fly Ash Based Steel Fiber Reinforced Concrete Composite
- K. Saravana Raja Mohan and A. Anto Geetha
- 21** Flexural Fatigue Characteristics of Fly Ash Admixed Concrete With Manufactured Sand
- Suresh Kumar.K.S., V.Ramachandra, M.S.Amarnath and Sagar Kamble
- 24** Variation of Alkaline Solutions on Mechanical Properties of Geopolymer Concrete
- R. B. Khadiranaikar and Shankar H. Sanni

Features

- 06** Welcome to New Members
- 31** ICI Annual Awards - 2014
- 32** News from Centres
- 40** 31st AGM Notice

Advertisers' Index

- 01** BASF India Limited
- 02** JSW Cement Ltd.
- 04** Lafarge Aggregates & Concrete India Pvt. Ltd
- 06** Super Civil
- 13** L&T Limited
- 14** Canopus Instruments
- 45** MC-Bauchemie (India) Pvt. Ltd.
- 46** Fosroc Chemicals (India) Pvt. Ltd.
- 47** Pidilite Industries Ltd.
- 48** Bekaert Industries Pvt Ltd

Inside Front Cover : ASTRA Concrete Products

Inside Back Cover : UltraTech Cement Ltd

Back Cover : Ambuja Cements Ltd