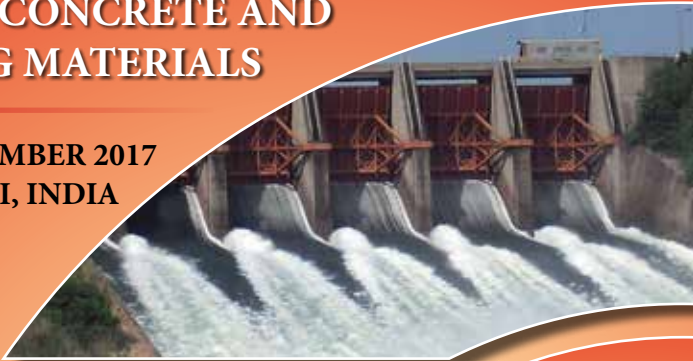


15th

**NCB INTERNATIONAL SEMINAR ON
CEMENT, CONCRETE AND
BUILDING MATERIALS**



**05-08 DECEMBER 2017
NEW DELHI, INDIA**



NATIONAL COUNCIL FOR CEMENT AND BUILDING MATERIALS
www.ncbindia.com

SUPPORTED BY:



Department of Industrial Policy & Promotion
Ministry of Commerce & Industry, Govt. of India



Department of Science & Technology
Ministry of Science & Technology, Govt. of India



Bureau of Indian Standards



INTRODUCTION

National Council for Cement and Building Materials (NCB), the apex body in India for research, technology development and transfer, education and industrial services for cement, allied building materials and construction industries, is organising this International Seminar on Cement, Concrete and Building Materials as a follow-up of the fourteen NCB International Seminars organised earlier, each with substantial international participation. The NCB International Seminars have emerged as singular biennial events in this part of the globe which the cement and construction industries the world over look forward to for participation. The continued interest of participants over the years is indication of the benefits reaped by them and has enabled this event reach the milestone of its 15th edition. While reviewing the developments which have taken place during the intervening period since the last event in the series, especially in the areas of alternate fuels and raw materials, climate change, emissions control, CDM, ready mix concrete, nano-technology, etc., the 15th NCB International Seminar through the Technical Exhibition to be held as a part of the event will give additional exposure to the latest in available technologies and services for efficient operation of cement plants, making of concrete and construction activities. The event will serve as an excellent meeting point for the suppliers and the clients, especially from developing countries for mutual benefit.

Like the previous ones in the series, the 15th NCB International Seminar will also be sponsored by a number of leading international and national cement, concrete and their equipment / machinery manufacturing organizations, construction companies and government bodies.

DATES AND VENUE

DATES : 05-08 December 2017

VENUE : Manekshaw Centre, Parade Road, Delhi Cantt., New Delhi 110 010

Manekshaw Centre, in the outskirts of Delhi Cantonment, is the finest and popular venue for National/ International Seminars and Exhibitions. It provides serene environment for technical deliberations and generous spreads for exhibition. It is located at about 1 Km from Dhaura Kuan Metro station towards New Delhi International Airport and opposite to Subroto Park.

Highlights of 14th NCB International Seminar (01-04, December 2015)

- 1050 Delegates including 100 from 20 overseas countries.
- 195 Papers presented in 25 Technical Sessions
- 2 Invited Lectures by International Experts.
- 118 Stalls by 86 Exhibitors in the Technical Exhibition organized concurrently.

REGISTRATION

Interested participants should complete and return the attached Registration Form (also downloadable from NCB website www.ncbindia.com) as early as possible. Online Registration can also be done.

Registration Fee per Participant and Payment Schedule						
Category / Sub-Category	Date of Payment					
	Upto 31 July 2017		Upto 15 October 2017		From 16 October 2017 and onward	
	National (Rs.)*	Overseas (US\$)	National (Rs.)*	Overseas (US\$)	National (Rs.)*	Overseas (US\$)
Delegates						
• General	18,000	1,350	20,000	1,500	22,000	1,650
• Authors making presentation (only one per accepted paper)	16,000	1,250	16,000	1,250	18,000	1,400
• Govt. Organisations / Govt. R&D Institutions / PSUs / Academic Institutions	14,000	1,250	14,000	1,250	16,000	1,400
• Students**	8,000	700	8,000	700	9,000	800
• Accompanying Persons (Spouse only)	9,000	700	9,000	700	10,000	800
Team Discount	One free registration (same category) for every five paid registrations.					
Important	As required by the norms of Venue Management :					
	<ul style="list-style-type: none"> All Overseas Delegates / Exhibitors / Accompanying Persons must indicate their willingness to participate latest by 10 September 2017 (Name, Designation, Nationality, Copy of Passport, Contact information, E-mail ID required). All Indian Nationals – Delegates / Exhibitors / Accompanying Persons must indicate their willingness to participate latest by 31 October 2017 (Name, Designation, Contact information, E-mail ID required). <p>However, to avail the discounts, the above payment schedule should be adhered to.</p> <p>On the spot payments will only be through Credit / Debit Card/DD / Cheque (No Cash). On the spot, invoice will also be provided.</p>					
* Inclusive of All Taxes ** With Proper ID proof from University / Institute Recognized / Accredited by Government						

The Registration Fee for the Participating Delegates Covers : Seminar Kit and Seminar Proceedings (Print Volume of Abstracts and CD of Papers), Admission to the Technical Exhibition, Morning and Afternoon Coffee/Tea and Lunch on all Seminar days, Invitation to Cultural Programme & Dinner, Informal Get-together.

The Registration Fee for the Accompanying Persons Covers : Participation in Inaugural and Concluding Sessions, Admission to the Technical Exhibition, Morning and Afternoon Coffee / Tea and Lunch on all Seminar days, Invitation to Cultural Programme & Dinner, Informal Get-together, Sightseeing and Shopping in Delhi, Ladies Programmes.

CANCELLATION

On cancellation of registration, refund of registration fee will be as follows:

- Upto 15 October 2017 20% deduction
- After 15 October 2017 No refund

Cancellation charges may be waived at the discretion of the Secretariat, if the originally registered delegate is in a position to arrange for an alternate in his place.

PARTICIPATION

Seminar content is designed to contain state-of-the-art technologies, reviews and case studies on modernization & up-gradation, retrofitting / re-engineering and plant rejuvenation along with environmental and sustainability concerns. Seminar shall also cover advances in cement & concrete research and evolving issues for futuristic technology.

The Seminar, therefore, provides an ideal opportunity to :

- Cement and concrete professionals from policy makers / top management personnel to senior and middle level executives as well as engineers / chemists associated with manufacture of Cement, Concrete and Ready Mixed Concrete, Lime and Allied Building Materials
- Equipment / machinery manufacturers, designers and consultants
- Engineers, technologists, scientists, academicians, research scholars, students and economists
- Users of cement and building materials and construction agencies to deliberate, share and assimilate the ideas of the world's leading experts on the latest national and international trends and developments.

PAPERS AND TIME SCHEDULE

Papers covering any of the theme areas are invited from interested persons. The following time schedule will be followed :

	Submission	Acceptance by Secretariat
Full Paper & one page (max) Abstract with figures, if any	31 July 2017	31 August 2017

Soft copy of One Page Abstract and Final Manuscript done in MS-Word and PDF are to be submitted. All abstracts as also the final papers received will be reviewed by seminar technical committee. Soft copy of full manuscripts of accepted papers from registered delegates only will be provided in Seminar Kit. Full manuscripts should be prepared as per prescribed guidelines, which will be communicated to the authors of accepted abstracts. Guidelines can be seen at NCB website also.

Only a limited number of papers from Registered Delegates will be selected for presentation. The authors of the papers will be informed accordingly.



TECHNICAL DELIBERATIONS

The technical deliberations at the Seminar will cover the whole spectrum, from geological exploration/extraction of limestone to manufacture and utilisation of cement and building materials with focus on latest innovations in technology. The areas needing special attention in the present context have been identified as follows:

- ☞ Raw Material Resources Management
- ☞ Energy Conservation Systems
- ☞ Alternate / Waste-derived Fuels and Raw Materials
- ☞ Cement Plant Machinery and Project Engineering
- ☞ Productivity Enhancement and Process Optimization
- ☞ Portland, Blended and Special Cement
- ☞ Performance and Durability of Concrete
- ☞ Performance-based Design of Concrete Structures
- ☞ Concrete Deterioration Mechanisms and Reinforcement Corrosion
- ☞ Distress Investigation, Repair / Strengthening / Retrofitting of Concrete Structures
- ☞ Sustainable Construction Practices and Use of Alternate Aggregates
- ☞ Other Building Materials and Binders
- ☞ Marketing and Consumer Protection
- ☞ Environmental Management and Sustainable Development
- ☞ Total Quality Management
- ☞ Emerging Trends

Discussions covering technical papers on the above areas will be classified and spread over various technical sessions. Authors of the papers selected for presentation will be requested to briefly present the salient features of their papers. These will be followed by discussion from the floor.

SEMINAR LANGUAGE

The official language of the Seminar is English. All papers therefore should be drafted in English only. All deliberations during the Seminar will also be conducted in English language.



TENTATIVE PROGRAMME

Date and Time	Technical Session	Activity
<i>Monday, 04 December 2017</i> 1230 h to 1700 h		Registration at Manekshaw Centre, New Delhi
<i>Tuesday, 05 December 2017</i> 0900 h to 0945 h		Registration at Manekshaw Centre, New Delhi
1000 h		Inauguration of Seminar
1100 h		Inauguration of Technical Exhibition
1130 h		Welcome Get-together
1230 h	I	Raw Materials Resource Management and Mine Planning
1330 h		Lunch
1415 h	STS-I	Special Lecture-I
1500 h	II	Alternate Fuels and Raw Materials-I
1615 h		Tea / Coffee
1630 h	III	Alternate Fuels and Raw Materials-II
<i>Wednesday, 06 December 2017</i> 0900 h	IV-A	Advances in Grinding Systems Portland
	IV-B	Blended and Special Cements
1045 h		Tea / Coffee
1115 h	V-A	Advances in Material Handling Systems
	V-B	Other Building Materials and Binders
1300 h		Lunch
1345 h	STS-II	Special Lecture-II
1430 h	VI-A	Advances in Plant & Machinery
	VI-B	Performance and Durability of Concrete-I
1600 h		Tea / Coffee
1615 h	VII-A	Modern Trends in Project Engineering and System Design
	VII-B	Performance and Durability of Concrete-II
1900 h		Cultural Programme
2000 h		Dinner
<i>Thursday, 07 December 2017</i> 0930 h	VIII-A	Refractory Management and Practices
	VIII-B	Sustainable, Construction Practices
1115 h		Tea / Coffee
1145 h	IX-A	Productivity Enhancement and Process Optimization-I
	IX-B	Deterioration Mechanism, Distress Investigation and Service Life Design
1245 h		Lunch
1345 h	X-A	Productivity Enhancement and Process Optimization-II
	X-B	Total Quality Management

Date and Time	Technical Session	Activity
1500 h	XI-A	Energy Efficiency Improvement Opportunities
1615 h	XI-B	Analytical Methods and Lab Automation
1630h	XII	Tea / Coffee Emerging Trends and Newer Concepts
<i>Friday, 08 December 2017</i>		
0930 h	XIII	Energy Conservation
1045 h		Tea / Coffee
1115 h	XIV	Environmental Management and Sustainable Development
1300 h		Lunch
1400 h	XV	Concluding Session & Awards Presentation
1530 h		Farewell Get-together

INTERNATIONAL EXPERIENCES

Exchange of views with delegates, experiences from abroad, covering developments relevant to India and frontiers of achievements which could be advantageously utilised, will specially enrich the Seminar. The highlights of international experiences will be the Invited Lectures by renowned international experts. Delegates will get an opportunity to have interaction with these and other experts participating in the Seminar.

PUBLICATION

A publication of proceedings of seminar containing one page abstract of accepted papers will be brought out and provided in the seminar kit.

ADVERTISEMENT RATES

Advertisement will be printed in the publication of Seminar Proceedings. The details are as follows :

Advertisement Position	Print Area (mm)	National (Rs.)*	Overseas (US\$)
Full Page	180 x 240	50,000	1,500
Half Page (Horizontal)	180 x 115	30,000	1,000
Half Page (Vertical)	85 x 240	30,000	1,000

* Plus Taxes as Applicable

All advertisements will be in colour. Advertisement material (Hard & Soft Copy) may be provided in Corel Draw, Illustrator or Photoshop in open format together with EPS or PDF, not less than 300 dpi. Rates mentioned above are net and do not include agency commission. Payment can be made through bank transfer / RTGS / NEFT. The advertisement material should reach latest by **30 September 2017**. Exhibitors will be given 50% discount on advertisement rates.

WEATHER

The minimum and maximum temperatures in Delhi and its neighbourhood generally range from 12°C to 24°C. The weather is normally pleasant, morning and evenings are cool. Light woollens will be comfortable.

AWARDS

Authors of ten papers which are adjudged by the panel of judges, appointed by NCB, as the best contributions to the Seminar from the point of view of serving the needs and closest to implementation in cement, concrete and building materials industries, will be given awards and certificates at the Concluding Session.

TECHNICAL EXHIBITION

A Technical Exhibition bearing on the themes of the Seminar will be an added opportunity for the delegates to have an exposure of the state-of-the-art developments around the world. Exhibits would be components, scale models, literature & books, charts, photographs, etc.

Category of Exhibitor	Service Charges per sq m		Free Delegates for Each Stall		
	Date of Payment		Size (mxm)		Category of Delegate
	Upto 31 July 2017	01 August 2017 onwards	(3x3)	(3x2)	
National	Rs. 18,500/-*	Rs. 19,500/-*	02	01	Indian Nationals only
Overseas	US\$ 700	US\$ 750	02	01	Overseas or Indian Nationals

* Plus Taxes as Applicable

• Only 118 stalls are available • Stalls shall be booked on first-pay-first-served basis • No refund on Cancellation • Details of layout, facilities and terms and conditions will be sent to interested exhibitors on request.

Exhibitors will be given 50% discount on Advertisement rates in Seminar Proceeding publication.

LIST OF EXHIBITORS (Confirmed)

- AAMIL Ltd.
- Alpha Engineering & Services Pvt. Ltd.
- Ambuja Cements Ltd.
- AMCL Machinery Pvt. Ltd.
- ARVOS Energy India Private Limited
- ATS Conveyors India Pvt. Ltd.
- BEUMER India Private Limited
- Bhavesh Engineering Pvt. Ltd.
- Bruker Singapore Pte. Ltd.
- Calmetrix Lab Equipments
- Carl Bechem Lubricants India Pvt. Ltd.
- Cement Consultancy
- Chanderpur Works Pvt. Ltd.
- Christian Pfeiffer India Pvt. Ltd.
- Clair Engineers Pvt. Ltd.
- Con-Weigh Systems Pvt. Ltd.
- Dalmia Magnesite Corporation
- Dalmia Refractories Limited
- DCL Bulk Technologies Pvt. Ltd.
- Ecodea Projects & Control Pvt. Ltd.
- Ecotech Industries Pvt. Ltd.
- ERC Chemtrols Industries Ltd.
- Eureka Conveyor Beltings Pvt. Ltd.
- Evonik India Pvt. Ltd.
- FIVES India Engineering & Projects Pvt. Ltd.
- FLSmidth Private Limited
- Fuchs Lubricants India (Pvt.) Ltd.
- Furmats Marketing (P) Ltd.
- GEBR. Pfeiffer (India) Pvt. Ltd.
- Haver Ibau India Pvt. Ltd.
- Humboldt Wedag India Pvt. Ltd.
- IKA India Private Limited
- IKN Engineering India Pvt. Ltd.
- Indexel Engineering Pvt. Ltd.
- Industrial Filters & Fabrics Pvt. Ltd.
- Insmart Systems Pvt. Ltd.
- IR Technology Services Pvt. Ltd.
- ISGEC Heavy Engineering Ltd.
- ITECA Instruments Pvt. Ltd.
- Jindal Steel Limited
- KoWey Conveying Technology Engg. Pvt. Ltd.
- KSN Tech Ventures Pvt. Ltd.
- Lilanand Magnesites Pvt. Ltd.
- Loesche India Pvt. Ltd.
- MaxTech Industries, LLP
- Metalkarma Engineering Technologies Pvt. Ltd.
- Muller Beltex
- Promac Engineering Industries Ltd.
- Promat Technical Services Pvt. Ltd.
- Ringfeder Power Transmission (I) Pvt. Ltd.
- Sabia Bulk Material Analyser Pvt. Ltd.
- Sanghavi Engineering Pvt. Ltd.
- SB Engineers Pvt. Ltd.
- Spectris Technologies Pvt. Ltd. (Panalytical India)
- Spectrum Weighpack Pvt. Ltd.
- Talec Engineers Pvt. Ltd.
- Temcor Rollwell Domes Pvt. Ltd.
- Testo India Pvt. Ltd.
- Thermo Fisher Scientific India Pvt. Ltd.
- ThyssenKrupp Industries India Pvt. Ltd.
- Toshniwal Industries Pvt. Ltd.

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15th NCB International Seminar on Cement, Concrete and Building Materials

05 - 08 December 2017, New Delhi, INDIA

REGISTRATION FORM

Name and Address of the Nominating Organisation : _____

City : _____ PIN/Zip : _____ Country : _____

Phone : _____ Fax : _____

E-mail : _____

Delegate Name : _____ Designation : _____

Email : _____ Mobile : _____

Nationality : _____ Passport No* : _____ Valid Upto* : _____

Name : _____

Nationality : _____ Passport : _____

**Particulars of Accompanying Person (Spouse only) (* for Foreign Nationals)*

Particulars of Fee Remittance :

Bank transfer/RTGS/NEFT can be made to Savings Bank Account No. **0330101028220** of National Council for Cement and Building Materials, **Canara Bank**, PB. No. 12, 8-A, Nehru Ground, New Industrial Town, Faridabad, Haryana – 121 001, India.

IFSC Code No. CNRB0000330.

MICR Code: 110015108. SWIFT CODE CNRBINBBFAR.

PAN Number of National Council for Cement and Building Materials is AAATN2477N.

RTGS / NEFT / Transaction No.	Date	Amount : Rs / US\$	Drawn on (Name of Bank)
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Payment can be made through SB Collect also.

SB Collect: www.onlinesbi.com → SB Collect → Proceed → State of Corporate/Institution: (All India) → Type of Corporate/Institution: (Govt. Department) → National Council for Cement and Building Materials → 15th NCB International Seminar → Submit.

Please e-mail scanned copy of payment details separately.

I understand and agree to the Cancellation Policy & Terms of Participation as explained in Seminar Bulletin-2

Signature of the Nominating Authority/Delegate with Seal

Wherever necessary, use additional sheet to provide the complete detail.

(Photocopies of the Form are also acceptable, can also be downloaded from NCB Website : www.ncbindia.com)

To
The Organising Secretary
15th NCB International Seminar
National Council for Cement and Building Materials
34 KM Stone, Delhi Mathura Road (NH2)
Ballabgarh – 121 004, Haryana
India

S SPONSORSHIP SCHEMES

Many organisations have shown interest for being associated with the Seminar as Sponsors. The Secretariat has drawn up very attractive schemes with host of complimentary benefits to the Sponsors under different categories. Details of the schemes are available on request.

The interested organizations can also associate themselves with the event for gaining additional publicity as under:

- Sponsoring Lunch, Dinner and High Tea with publicity through special signages at the venue, Announcement through slide in the seminar hall and invitation card for the same in the delegate kit
- Sponsoring the delegate kit bag or gift items with logos of company / organisation and the Seminar
- Distribution of literature / catalogues in the Seminar hall or delegate kit bag, on payment.

Other proposals for Sponsorship are also welcome.

T TOURS AND VISITS

Technical visits to cement and building material manufacturing plants, construction sites and industrial complexes as well as sight- seeing tours to places of historical and cultural interest would be arranged after the conclusion of the Seminar, details of which will be sent to those who register for the seminar. Post-seminar tours include attractive proposals to visit places of historical and cultural interest like Agra, Goa, Jaipur, Kathmandu and Khajuraho, if sufficient response is received from the participants.

For the accompanying ladies, special programmes, like local Shopping, Yoga, Mehndi, Rangoli and Herbal therapy demonstration, visit to Fashion Shows and Boutiques will be arranged.

SPONSORSHIPS (*Confirmed*)

	CHIEF PATRONS Ambuja Cements Ltd Dalmia Cement (Bharat) Ltd. 	
	GOLD SPONSOR Ghorahi Cement Industry Pvt. Ltd. Nepal	
	SILVER SPONSOR My Home Industries Pvt. Ltd.	
	BRONZE SPONSOR JSW Cement	
	OTHER SPONSOR Loesche India	
MEDIA PARTNERS		
 Cement International	 Construction Technology	 International Cement Review
 Civil Engineering & Construction Review	 Indian Cement Review	 Master Builder
 Construction World	 Industrial Angles	 Construction Infrastructure & Architect World
 ZKG International	 World Cement	





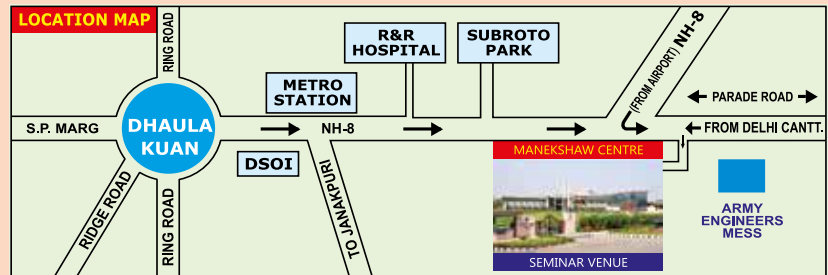
SPECIFIC CONTACTS

	Email ID	Contact Details
Seminar	seminar@ncbindia.com; seminar2@ncbindia.com	Tel.: +91-129-4192247, 279, 222, 239, 2242051 Fax: +91-129-2242100, 2246175 Cell: +91-9818604898, 9711407555
Exhibition	exhibition.ncb@gmail.com; exhibition@ncbindia.com	Tel. & Cell: +91-129-4192242; +91-9810389399 Tel. & Cell: +91-129-4192342; +91-9873228225
Sponsorship	sponsorship.ncb@gmail.com; sponsorship@ncbindia.com	Tel. & Cell: +91-129-4192237; +91-9891989540
Advertisement	ncbseminar@gmail.com	Tel. & Cell: +91-129-4192339; +91-9868795977

Visit our Website : www.ncbindia.com

INFORMATION

All communications may be addressed to :
The Organising Secretary
15th NCB International Seminar
National Council for Cement
and Building Materials
34 Km Stone, Delhi Mathura Road (NH2),
Ballabgarh 121 004, Haryana, India



TERMS OF PARTICIPATION

NCB is not liable for any acts of a Third Party in respect of the Seminar & Exhibition, and is not liable for any injury, loss, inconvenience, or damage, to person or property in connection with the holding of the Seminar & Exhibition. In addition and without limitation, NCB is not responsible for any injury, loss, inconvenience, or damage, to person or property in connection with the holding of the Seminar & Exhibition, whether resulting from, but not limited to acts of God or Force Majeure. NCB reserves the right to change the itinerary for the Seminar & Exhibition, or its features at any time and for any reason, with or without notice, and NCB shall not be liable for loss of any kind as a result of any such change. The Courts at New Delhi, shall have exclusive jurisdiction in respect of all matters concerning or related to the Seminar & Exhibition. All such disputes shall be referred to a Sole Arbitrator to be exclusively appointed by NCB.



15th NCB International Seminar on Cement, Concrete and Building Materials

Organised by :

National Council for Cement and Building Materials, India

Published by Dr S K Breja, Organising Secretary and Designed & Printed by Vinod Kumar, Incharge-Printing & Publishing for and on behalf of
National Council for Cement and Building Materials, at Viba Press Pvt. Ltd., New Delhi - 110 020

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