

# CENTRE FOR CONTINUING EDUCATION SERVICES

World Class Training for Cement, Concrete and Construction Industries



**NATIONAL COUNCIL FOR  
CEMENT AND BUILDING MATERIALS**  
(Under the Administrative Control of Ministry of Commerce & Industry)  
Government of India



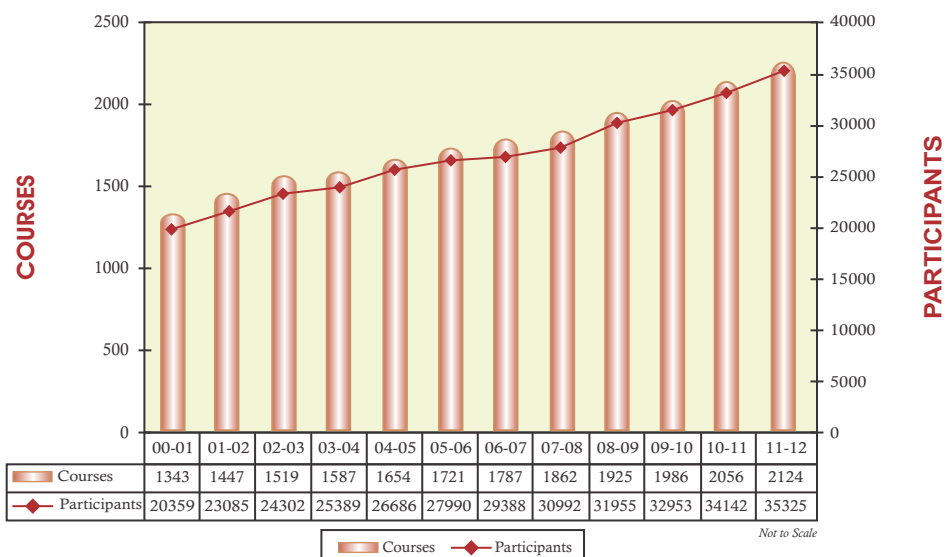
## Learning and Teaching — Partners in Human Growth.....

The objective of Centre for Continuing Education (CCE) is to create technological talent and continuously upgrade the intellectual capital that exists in Cement, Concrete, Construction and allied Building Materials Sectors through refresher courses on specific areas.

CCE draws upon NCB's engineers and technologists having rich and valuable experience, in all aspects of cement manufacture, concrete and construction technology. Besides, experts of relevant fields from the industry, machinery manufacturers and consultants are invited as guest faculty.

NCB-CCE has been conducting training programmes since 1972. It has organized about 2200 training courses in which 35,000 professionals from within the country and abroad have benefited.

**CUMULATIVE NUMBER OF COURSES AND PARTICIPANTS**



## COURSES OFFERED

- **Long-Term Courses**
- **Short-Term Courses**
- **Special Group Training Programmes**
- **Contact Training Programmes**
- **Simulator Based Courses**
- **Workers Development Programmes**

The details of specific courses are provided in the Training Programme Calendar, brought out by NCB every year and can be obtained free of cost from the Centre on request or can be downloaded from our website : [www.ncbindia.com](http://www.ncbindia.com)

## LONG-TERM COURSES

Programmes presently offered are:

- One Year Post-Graduate Diploma Course in Cement Technology (*approved by AICTE*)
- Six Week Certificate Course in Cement Manufacturing Technology including Simulator Based Training

## SHORT-TERM COURSES

These are refresher courses of duration varying from two to five days covering the entire spectrum of cement, concrete, construction and allied building materials technology. The venue of these courses is Ballabgarh and Hyderabad units of NCB, cement plants and other locations such as Mumbai, Goa and Chennai.

## SPECIAL GROUP TRAINING PROGRAMMES

Customized training programmes on various aspects of cement, concrete, construction and related areas for a group of persons from a single organization for selected durations. The venue of these programmes is different Units of NCB or a site chosen by the sponsor.





### **CONTACT TRAINING PROGRAMMES**

Designed to suit the specific requirements of individual participants in the areas of physical/chemical/mineralogical testing of cement and concrete including calibration of laboratory equipment. These programmes impart practical laboratory training to participants, enabling them to acquire mastery in the relevant technique/method of analysis. The venue for these programmes is Ballabgarh and Hyderabad Units of NCB.

### **SIMULATOR BASED PROGRAMMES**

These are programmes of one/two weeks duration covering operation, control and optimization of grinding systems based on vertical roller mills, roller presses and ball mills for raw material, coal and cement grinding as well as pyroprocessing systems based on Separate line calciner (SLC)/ Inline calciner (ILC) kiln with 4/5/6 stage preheater and conventional/modern grate cooler. These programmes are conducted on NCB's versatile custom build PC - based simulator trainer, located both at Ballabgarh and Hyderabad units of NCB.

### **WORKERS DEVELOPMENT PROGRAMMES**

Aimed at imparting intimate knowledge and improving the competence of workforce who have not been tested and certified in various trades of construction industry, keeping in view the emerging globalization and opening up of the construction sector to international competition.



## LAB DEMONSTRATION / HANDS-ON PRACTICE

NCB's laboratories are equipped with modern and state-of-the-art equipment for providing complete range of evaluation and testing for cement and concrete industries. The participants are familiarized with the latest equipment and testing techniques during demonstration/ hands-on practice sessions.



## LIBRARY

NCB's learning resource centre has an impressive collection of the latest books/data bank and information services in print as well as in electronic media. It also has a computer based referencing facility, electronic information products (CD-ROM) and on-line access to international database. The integrated bibliographic database consisting of about 35,000 records for interactive searches is being constantly updated.



## TRAINING METHODOLOGY & ENVIRONMENT

The training techniques include lectures, group discussions, case studies, field visits, computer and simulator based training, audio-visual presentations, educational films, experience sharing, laboratory demonstration and hands-on training. Two-way interaction between the faculty and participants is encouraged.



## THE FACILITIES

### CAMPUS

Ballabgarh Unit of NCB and its Centre for Continuing Education Services are located on the Delhi-Mathura Road, about 34 kms. from Delhi, on a beautifully landscaped area spread over about 17 acres. Hyderabad Unit is located on the Old Mumbai Road (Mehidipatnam-Gachibowli Road) spread over about 15 acres of land.

At Ballabgarh, the courses can be either residential or non-residential. The courses at Hyderabad are non-residential.



### LECTURE HALLS

The Ballabgarh and Hyderabad Units of NCB have spacious class rooms fully equipped with state-of-the-art training aids.

### BOARDING / LODGING

Ample well-furnished, air conditioned accommodation with mess is available in the hostel located within the campus at Ballabgarh.



# A SELECT LIST OF BENEFICIARIES

## CEMENT COMPANIES

- Andhra Cements Ltd
- ACC Ltd
- Ambuja Cements Ltd
- Binani Cement Ltd
- Birla Corporation Ltd
- Century Cement
- Cement Corporation of India Ltd
- Chettinad Cement Corporation Ltd
- Dalmia Cement (Bharat) Ltd
- Grasim Industries Ltd
- Gujarat Sidhee Cement Ltd
- Heidelberg Cement Bangladesh Ltd
- Indorama Cement Ltd
- The India Cements Ltd
- Jaiprakash Associates Ltd
- J K Cement Ltd
- Jammu & Kashmir Cements Ltd
- Kalyanpur Cement Ltd.
- Lafarge India Ltd
- Lakshmi Cement
- Larsen & Toubro Ltd
- Madras Cements Ltd
- Maihar Cement
- Manikgarh Cement Ltd
- Mysore Cements Ltd
- OCL India Ltd
- Orient Cement
- Penna Cement Industries Ltd
- Prism Cement Ltd
- Rajshree Cement
- Saurashtra Cement Ltd
- Shree Cement Ltd
- Shriram Cement Works
- Shree Digvijay Cement Cos Ltd
- Sri Vishnu Cement Ltd
- Tamilnadu Cements Corpn Ltd
- Zuari Cement Ltd

## PUBLIC SECTOR ORGANISATIONS

- Airport Authority of India
- AP Police Housing Corpn
- BALCO
- Bhabha Atomic Research Centre
- Bhakra Beas Management Board
- Bharat Heavy Electricals Ltd
- Bharat Sanchar Nigam Ltd
- Border Roads Organisation
- Central Pollution Control Board
- Central Public Works Department
- Central Water Commission
- Chennai Municipal Corporation
- Chennai Port Trust
- Delhi Development Authority
- Delhi Metro Rail Corpn Ltd
- Delhi Tourism & Trpt Dev Corpn
- Delhi Transco Ltd
- Engineers India Ltd
- Food Corpn of India Ltd
- Gammon India Ltd
- GAIL (India) Ltd
- Gujarat Industries Power Co Ltd
- Gujarat Maritime Board
- Haryana Power Generation Corpn
- Hindalco Industries Ltd
- Hindustan Petroleum Corpn Ltd
- Indian Oil Corpn Ltd
- Irrigation Management Trg Inst, TamilNadu
- Irrigation Deptt, Govt of Rajasthan
- Irrigation Deptt, Orissa
- Indian Railways
- Jala Samavardhane Yojana Sangha, Govt of Karnataka
- Kandla Port Trust
- Kochi Refineries Ltd
- Kolkata Municipal Corpn.
- LIC of India
- Maharashtra Indl Dev Corpn
- Maharashtra Agrl Mktg Board
- Mazagaon Dock Ltd
- MECON Ltd
- Military Engineer Services
- Minor Irrigation Departments - Andra Pradesh
- Municipal Corpn Greater Mumbai
- NABARD
- National Dairy Development Board
- National Test House
- New Delhi Municipal Council
- NHPC Ltd.
- North-Eastern Electric Power Corpn
- NTPC Ltd.
- Nuclear Power Corpn (I) Ltd
- Oil India Ltd
- Power Grid Corpn of India Ltd
- Punjab National Bank
- PWD Andaman
- Regional Research Laboratory
- Reliance Industries Ltd
- Reserve Bank of India
- RITES Ltd
- Steel Authority India Ltd
- State Bank of India
- State Irrigation Departments
- State PWDs
- Tala HE Project Authority, Bhutan
- UNITECH Prefab Ltd
- UP Health System Dev Project
- Uttaranchal Health System Dev Project
- UP Rajya Vidyut Utpadan Nigam Ltd
- Water Resources Department, Govt of Maharashtra
- Department of Water Resources, Govt of Orissa

## OVERSEAS ORGANISATIONS

- |   |             |
|---|-------------|
| • Emergency Irrigation Rehabilitation Project, Ministry of Energy & Water (MEW) | Afghanistan |
| • Swedish Committee for Afghanistan   | Afghanistan |
| • Heidelbergcement Bangladesh Ltd   | Bangladesh  |
| • Penden Cement Authority Ltd   | Bhutan      |
| • Muhammadiyah University-Jakarta, Indonesia                                    | Indonesia   |
| • Kuwait Cement Company   | Kuwait      |
| • The Second North-East Irrigated Agriculture Project (NEIAP II)                | Sri Lanka   |

Professionals from other countries such as Colombia, Dubai, Egypt, Iraq, Iran, Kenya, Libya, Malaysia, Myanmar, Nepal, Nigeria, Oman, Panama, Philippines, Saudi Arabia, Sudan, Turkey, Uganda etc have also participated in NCB Training Courses.

## ABOUT THE COUNCIL

National Council for Cement and Building Materials (NCB), set up in 1962, then known as Cement Research Institute of India, is the apex body in India under the administrative control of Department of Industrial Policy and Promotion, Ministry of Commerce and Industry, Government of India, devoted to research, technology development and transfer, education and industrial services for cement, building materials and construction industries. Its multi-disciplinary activities are performed in an integrated and coordinated manner through its units that are located at Ballabgarh (Near Delhi) and Hyderabad. The six corporate centres of the council guide the activities at different units. The centre and their main areas of activity are :

**Centre for Cement Research & Independent Testing (NCB-CRT)** - Fundamental and Basic Research, Cement and other Binders, Waste Utilization, Refractories & Ceramics and Testing Services.

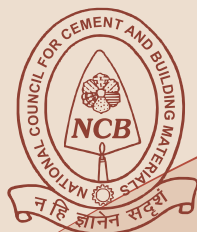
**Centre for Mining, Environment, Plant Engineering & Operation (NCB-CME)** - Geology, Mining & Raw Materials, Process Optimization & Productivity Enhancement, Energy Management, Plant Maintenance, Project Engineering & System Design, Environmental Management.

**Centre for Construction Development & Research (NCB-CDR)** - Structural Optimization & Design, Structural Assessment & Rehabilitation, Concrete Technology and Management.

**Centre for Industrial Information Services (NCB-CIS)** - Industrial Information and Data Bank, Integrated IT Solutions, Publication, Seminars & Conferences, International & National Linkages, Image Building.

**Centre for Continuing Education Services (NCB-CCE)** - Long-Term & Short-Term Courses, Special Group Training Programmes, Simulator Based Courses, Workers' Development Programmes.

**Centre for Quality Management, Standards & Calibration Services (NCB-CQC)** - Total Quality Management, Calibration Services, Development and Supply of Certified Reference Materials.



*For further details please contact:*

### Head of Centre

Centre for Continuing Education Services  
National Council for Cement and Building Materials  
34 km Stone, Delhi-Mathura Road (NH-2),  
Ballabgarh-121 004, Haryana, INDIA  
Phone: +91-129-4192288/472/469/467/468, 2241453  
Telefax: +91-129-2302300 Fax: +91-129-2242100, 2246175  
E-mail: cceb@ncbindia.com  
Website: www.ncbindia.com



### Head of Centre

Centre for Continuing Education Services  
National Council for Cement and Building Materials  
NCB Bhavan, Old Bombay Road, (Mehidipatnam-  
Gachibowli Road), Hyderabad-500 008 (AP), INDIA  
Phone: +91-40-23000186, 23180439  
Fax: +91-40- 23000343, 23002427  
E-mail: hyd2\_ncbhrc@bsnl.in, ncbh@ncbindia.com  
Website: www.ncbindia.com