



BHARUCH CIVIL ENGINEERS FORUM

(Reg. No. GUJ/847/Bharuch. Under Society Act 1860)
104, B.G.Trade Center, Panch Batti, Bharuch - 392 001
Phone (02642) 241574

Newsletter
for internal
circulation
**APRIL
2005**

From the desk of President

EVENTS DURING THE YEAR 2004-05

Evening lecture cum presentations;

1. Premise, Non repellent Termicide and Integrated Termite Elimination Method (ITEM) presented by Shri Ashok Soni, Manager, Bayer India Ltd. and Shri Kalpesh Joshi, PestCone Pest Control Services on 27.03.2004 at BDMA Hall, Bharuch.
2. Hilti India Pvt. Ltd. by Shri Amit Ahuja, Shri Savan Mehta, Shri Manish Vaghela on 13.08.2004 at Hotel Shalimar Ankleshwar.
3. Birla Plus Cement and Aditya Birla Group by Shri J L Parmar, DGM (Tech) Aditya Birla Group on 20.12.2004 at SVN hall, Bharuch.
4. STAAD.Pro 2005 by Research Engineers Ltd. Mumbai on 22.02.2005 at SVN hall, Bharuch.

Congratulations...:

SHRI CHIRAG BAXI, FOUNDER and EXECUTIVE COMMITTEE MEMBER OF BHARUCH CIVIL ENGINEERS FORUM HAS BEEN FELICITATED for outstanding services to civil engineering. BY THE INDIAN CHAPTER OF AMERICAN CONCRETE INSTITUTE AT MUMBAI ON 10.12.2004 BY THE CENTENNIAL PRESIDENT OF AMERICAN CONCRETE INSTITUTE DR. ANTHONY FIORATO.

BHARUCH CIVIL ENGINEERS FORUM IS PROUD AND HONOURED OF THE RECOGNITION OF ER. CHIRAG BAXI AND PLEASED TO PRESENT HIM A SPECIAL MEMONTO ON THIS DAY 22.02.2005. WE WISH YOU A VERY SUCCESSFUL CIVIL ENGINEERING CAREER

G G NANKANI
PRESIDENT, **BCEF.**

OTHER ACTIVITIES:

1. Rehabilitation of Water Ponds:

On request from Rotary Club of Bharuch and Salt Association – Dahej, two Water conservation projects at village Dahej were undertaken prior to the last monsoon.

i. The village pond it self was not receiving any rain water since last 7-8 years due to

jungle growth & other obstructions in the 4 inlets kans. With the help of District development office, Executive engineers Irrigation office & IPCL these kans were cleared & the Pond was full of water during this season.

ii. There is a reservoir in of about 60 acres near the sea. The earthen bund around the pond were broken. During the high tide salty water accumulated for few days in the pond. After studying the technical data available with the Executive engineer - Irrigation the reservoir was provided with Inlet channels, Inlet gates, over flow weir above the high tide level, overflow channel, repairing the damaged portions of bund & raising its level, all with the help of Salt association, Rotary club of Bharuch & IPCL.

In the monsoon this reservoir was also filled up with @ 2.6 lac cubic meters of rain water instead of salty sea water. The salt Industries can use this water for about 4 to 5 months for drinking purpose to their 3000 labours affecting a saving of about 10000- 15000 rupees daily to the salt industry. Based on the above, Salt Association has sent the proposal to GoG for deepening this reservoir further by 3 m so as to increase the capacity to 10.0 Lac m³ & serve for full year.

2. This year also we had helped Executive Engineer- Irrigation in collection of about 30000 Empty Cement Bags for providing Bor-Bandh across small stream for conservation of water during monsoon.

3. Similarly on the request of the Chief Officer, Bharuch Nagar Palika and the directives of the district collector, Concept proposals for the following works of Bharuch Nagar Palika have been prepared for National Urban Development Program.

Collection, treatment and disposal system of sewage for Bharuch.

i. Collection, treatment and disposal system of sewage for Bharuch.

ii. Development of main roads, parking, traffic islands, traffic signal, roads side drainage for Bharuch.

iii. Development of water bodies for environment balancing and recreation

retreat. Mataria pond, Ratan talao, Son talavdi etc.

Acknowledgment:

We acknowledge the help of Shri Samir Chokshi of Ramans Consultancy & Mr. Shah from Ahmedabad for the Sewage scheme reports, Shri L M Joshi, Architect Dharmi Joshi for Matariya talav and Kum. Niki, Interior designer for the help in preparing the write up and sketches.

GOOD NEWS:

The Times of India

Wednesday April 13, 2005
NCA warns state about downstream degradation

By Rajiv Shah (Times News Network) Page 5

Weir planned in Bharuch district

Gandhinagar: The Gujarat government is considering to construct a weir on the mouth of Narmada river, near Bharbhut village, about 32 km from Bharuch town towards the Gulf of Khambhat in order to stop frequent incursion of sea waters leading to serious problems of environment and drop in agricultural output in Bharuch district. A top state level sources told TNN, an "in-principle approval" for the weir has been given after completion of a technical study.

"The weir will help not only improve saline soil but also allow industrial units in and around the district to take fresh water, which they are unable to get in adequate quantity at present", the source said.

The above idea / concept is initiated and being persuaded by BCEF since two years by presentations, memorandum, deliberations to the public, the administration, the local MLA & the MP and the Chief Minister and minister for Irrigation.

STATE LEVEL SEMINAR ON USE OF FLY ASH

Bharuch Civil Engineers Forum is organizing a one-day Seminar on "Use of Fly Ash in Building

materials & other Construction activities" on 21st May 2005 at Hotel Shalimar, Ankleshwar.

The seminar is planned with a view to disseminate the latest knowledge regarding recent developments related to Fly Ash utilization in Building Materials and other Construction activities. Considering the fast progress in this matter at National Level, it has become utmost necessary for exchange of information about practices followed in new techniques for Fly Ash utilization in construction sector, their eco friendliness and many such other developments.

At present generation of Fly Ash has touched a level of 108 MMTPA in our country and same is posing a serious problems related to environmental issues. Recently, Ministry of Environment & Forest has amended notification on Fly Ash utilization and issued new guide lines to use Fly Ash based building materials compulsory in a specified period to achieve 100 % utilization of such products in all type of construction works. Parellaly, norms for manufacturing conventional red bricks are made more stringent and now the prices of red bricks has also soared to a peak level and no much fall is envisaged in it. In present scenario, the cost of Fly Ash based bricks is more or less at par with red bricks, besides additional advantages over red bricks.

The use of Fly Ash based material has gained significance in the wake of substantial emphasis on the use of Fly Ash based building products in all construction works. In present context, it is imperative to see that mainly good quality Fly Ash based bricks and other materials are made available to the consumers to avoid any type of doubt in future.

Eminent experts from recognized organizations, institutions and manufacturers are going to present their experiences.

Various committees for the works related to the seminar are:

ORGANISING COMMITTEE:



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Chairman:
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Shri Sanjiv Tyagi (IFS), Member Secretary GPCB
Vice – Chairman:
Shri G.G.Nankani, President, BCEF

Convener:
Shri S.K.Patel, Manager, GNFC (98242 03778)
Organising Secretary:
Shri Nitesh Patel, Secretary, BCEF
Jt. Org. Secretary:
Shri D.A.Patel, Sr. Manager, GNFC

Members:
Shri V.R.Ghadge, Regional Officer (GPCB)
Shri Tarak Mamaltdarna, Unity Construction.
Shri C.K.Baxi, Sr. Manager, GNFC (9825567423)
Shri Kalpesh Bhatt, Dy. Manager, GACL
Shri Sudhir Gupta, Asst. Mgr., Gharda Chem.
Shri Bipin Bhatt, Panam Group
Shri C.C.Patel, Manager, Hubech Colors P Ltd.
Shri Deepak Chaudhary, Sr. Manager, VN
Shri Ashok Chavan, Director, CARDKEM Phar.
Shri Rajesh Shah, M.R.Constrn. (98241 06325)

TECHNICAL COMMITTEE:

Chairman:
Shri M. Ramamoorthy,
Director, ERDA, Vadodara
Co-Chairman:
Shri Jivaraj Patel, Director,
Sadvidhya Mandal Institute of Technology,
Bharuch

Members:
1. Shri C.B.Shah, Director, SBST
2. Shri L.H.Rao, General Manager, NCBM

ADVISORY COMMITTEE:

1. Shri R.P.Vyas, Executive Director, GNFC
2. Shri B.B.Mehta, Chief Engineer, GSECL,
Vadodara
3. Shri J.P.Desai, Sr.V.P.(Tech. Services),
Gujarat Ambuja Cement
4. Shri Ashutosh Vyas, Director, AECCL,
Ahmedabad
5. Shri Ashok Panjwani, Director, BEIL,
Ankleshwar

6. Shri Kalmeshbhai Udani, Executive Director,
JBCPL, Ankleshwar
7. Shri S.L.Bose, General Manager, GIPCL,
Surat
8. Shri B.L.Uppal, Sr. Vice President,
Vardhaman Acrylic, Zhagadia
9. Shri Arvindkumar Jain, Sr.Gen.Manager,
Birla Cellulosic
10. Shri Sandeep Dave, Director, Neptune
Equipments, Mehsana

THE GENERAL NATURE OF WORK, ACTIVITIES
and RELATED TEAMS ARE AS UNDER, but one
and all is part and parcel of the program with
whatever responsibility the member may like.

1. SOUVENIR:

Convener:
Shri Deepak Chaudhary, Sr. Mgr., VNG
(98243 31691)
Joint Convener:
Shri M.K.Barot, SM (CIVIL), GNFC
Shri K.D.Parmar, Sr.S.E., GNFC

2. RECEPTION & ADMINISTRATION:

Convener:
Shri Ashok Chavan
Joint Conveners:
Shri Dinesh Panchal (94261 12683)
Shri Sudhir Suthar

3. COMPERER:

Shri C.K.Baxi, SM(CIVIL),
GNFC (98255 67423)

4. FOOD:

Convener: Shri C.C.Patel
Joint Convener: Shri R.M.Vaidhya

5. PUBLICATION, PRINTING, KIT:

Convener: Shri Tarak Mamaltdarana
Joint Convener: Shri Vipul Shah

6. REGISTRATION:

Convener:
Shri Sudhir Gupta, Asst.Mgr., Gharda
Chemicals
Joint Convener: Shri V.K.Panchal

7. PRESS & PUBLIC RELATIONS:

Convener:

Shri Kalpesh Bhatt, Dy. Manager, GACL (Joint Convener:
Shri Bakul Patel

8. GENERAL:

Sponsorship:

Convener: Shri Bipinbhai Bhatt
Joint Convener: Shri Jignesh Sheth

Finance:

Convener: Shri Rajesh Shah,
M.R. Construction
Joint Convener: Shri Nitesh Patel

The detail brochure and information is enclosed. Please contact for other information required and advertisement etc.

ALL the MEMBERS are REQUESTED to REGISTER and ATTEND the SEMINAR.

PLEASE RENEW THE MEMBERSHIP FOR 2005-06
We propose to make a list of all members with their details shortly. Kindly give fresh details at the office or mail to:

ggnankani@indiatimes.com
chiragbaxi@gnvfc.com

Coal Ash **OF THE PEOPLE and FOR THE PEOPLE**

Honourable President Dr. A.P.J. Kalam's address to the nation on the eve of Republic Day ;

"..... 76 million people I rural India needed to gainfully employed in the next five years He suggested seven areas in which jobs could be created: Wasteland development Flyash utilisation"

Let Coal ash now truly be OF THE PEOPLE and FOR THE PEOPLE.

Source: The Telegraph, Kolkata 26.01.2005

CIVIL ENGINEERING

"It is a great profession. There is the fascination of watching the figment of the imagination emerge through the aid of

science to a plan on paper. Then it moves to realization in stone, Concrete or metal. Then it brings jobs and homes to men. Then it elevates the standards of living and adds to the comforts of life. That is the Civil Engineer's high privilege. The great liability of the Civil Engineer compared to men of other professions is that his works are out on the open, where all can see them.

His acts, step by step, are in hard substance. He cannot bury his mistakes in the grave like physicians. He cannot argue them into thin air or blame the judge like the lawyers. He cannot, like the architects, cover his failures with trees and vines. He cannot like the politicians, screen his shortcomings by blaming his opponents and hope that people will forget. The Civil Engineer simply cannot deny that he did it. If his works do not work he is damned forever.

"On the other hand, unlike the doctor, his is not a life among the weak. Unlike the soldier, destruction is not his purpose. Unlike the lawyer, quarrels are not his daily bread. To the Civil Engineer falls the job of clothing the bare bones of science with life comfort and hope. No doubt, as the years go by, the people forget which engineer did it, even if they ever knew. Or some politician put his name on it. Or they credit it to some promoter, who used other people's money... But the Civil Engineer himself looks back at the unending stream of goodness, which flows from his success with satisfaction that few other professions may know. And the verdict of his fellow professionals is all the accolade he wants."

Member: (Name & Address)



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