

**FROM THE DESK OF OUR PRESIDENT**

It was a dream come true for a small group of practising civil engineers when they met for the first time on 29th March 2001 at Hotel Plaza. Since then this group has been named with "Bharuch Civil Engineers Forum". The activities of our forum have been basically focussed on Service to Society around us. We - the civil engineers can do the maximum for the entire society around us. We can create approach in the minds of people. Our horizons for creation covers Giant Industries to small low cost houses.

Major achievements which have come our way during our first year, include two open seminars on public awareness issues. First was on "**Augmentation of connectivity between Bharuch & Ankleshwar and strengthening of Golden Bridge or New bridge**". The second was on "**Modern Techniques for repair & maintenance of buildings**". We could call the experts from the respective fields who are one of the ultimate authorities in their subject. This is not a migre achievement by any standards. The experts have honoured the personal relations of the respective members of BCEF which have been collectively capitalised / crystallised for fulfilling our mission.

We could also organise two product promotion programmes in this year. The first was of "**Recron 3S from Relience Industries Ltd.**" The another was of "**construction chemicals of Sunanda Speciality Chemicals Pvt. Ltd.**" Mumbai. During these events, we shared information about good products which can be used in Construction Industry. We had also examined the topic of earthquake effects on structures by very eminent faculty from SVR Engineering College of Surat.

The best part of the "dream come true" process was our significant recognition by the District Collector of Bharuch in all important matters concerning to the development of Bharuch & its surroundings. Our presence has been specially recognised by the Collector when the problems of Bharuch were being given a final shape for presenting them to Chief Minister Shri Narendrabhai Modi during his visit to Bharuch and the problem which was narrated by BCEF - for stopping the salinity ingress in Narmada river near Bharuch - was given top most priority in the list. There is no exaggeration if it is said that "BCEF has done wonders in its first year".

This is not an end. We have the topic of reduction of salinity in Narmada water near Bharuch on our cards. We are seriously proceeding towards "Building Centre" concept of HUDCO. Friends! We have seen many dreams which can do the right and only right things for society around us. It is needless to mention here that all these activities have been possible with your **concrete support!** - without which the dreams would have remained just syndromes & would not have converted to the hard core reality. We

are confident that the same magnitude of support will be available from each & every member of our Forum in all future activities.

BCEF has planned to take out such news letter at regular interval which is expected to include activities carried out by BCEF after the last issue had been published, the recent important news happening in Construction Industry, information about new products in our discipline, one good article on topic of either Construction or Management & any other relevant matter as suggested by our members.

One important point which I would like to appeal to all of our members is for paying up of the membership fees for the present year 1/4/2002 - 31/3/2003. However I appeal all the members to pay up their fees before 31/08/2002. BCEF is an organisation of civil engineers who deals maximum with cement. Even the bond between all members of BCEF should be as strong as cement of highest grade. As such our programmes have been doing this function but an added incentive for members of BCEF may prove to be a good "cement". It is hence decided to distribute a surprise gift article as an incentive to all members who renew their membership of BCEF of this year, latest by 31/08/2002. All members are hence requested to submit their fees to any one of the executive committee member latest by 31/08/2002 & collect their surprise gift article from the registered office of BCEF.

**Executive Committee:**

President:	Er. GG Nankani (Ph: 46910)
Vice President:	Er. Jivraj Patel (Ph: 42981)
Secretary:	Er. Nitish Patel (02646-51779)
Jt. Secreatry/	
Treasurer:	Er. Tarak Mamaltdarna (Ph: 29541)
Members:	Er. Kalpesh Bhatt (Ph: 30483)
	Er. Bipin Bhatt (Ph: 40178)
	Er. Chirag Baxi (Ph: 37417)

**Editorial Committee:**

1. Er. Chirag Baxi	4. Er. D.A.Patel
2. Er. Rajiv Vaidya	5. Er. Bakul Patel
3. Er. Nitish Patel	6. Er. U.J.Shah

**Member: (Name & Address)**


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**NEWS**

BCEF is planning to provide a platform for

public awareness amongst citizens of Bharuch & Ankleshwar from all cross sections of society who can give proper momentum to the various points like Golden bridge, water quality in Narmada river near Bharuch etc. by taking them to public as well as to the right authority where it can bring out results. BCEF can be a co-ordinator of the action committee. The idea of forming such a body had generated during one of the informal discussions between our member with Ex. Engr. Shri J. D. Shah and Industrialist of Ankleshwar Shri Kamleshbhai Udani. Suggestions from all members of BCEF on this proposed activity are invited for making a better performance.

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- BCEF is also planning to propagate an idea of "Rain Water Harvesting" - storage of rain water below ground level by making proper arrangement to take it to the storage point / aquafer. The programme will include counselling about this idea with common public of Bharuch Distract for bringing awareness in them about preservation of rain water which has become a very important source of water in today's time.

- BCEF is planning to set up a library at the office, wherein current & old magazines of our field, relevant books of our field etc. will be available, to the members. However, if the member desires to take them at home, he will become a member of library, by paying a lump sum deposit of Rs. 100/-.

- BCEF is planning to conduct meeting of all members (of all category) at least once in two months. The meeting will consist of one presentation each from one of our member & an outside expert from relevant field of our interest. Each member is expected to express their desire for such presentation in advance along with the topic on which he would like to speak so that the schedule can be made in advance & circulated for the knowledge of all the members of BCEF through this bulletin. It is also planned to organise seminars twice a year.

- Forthcoming events taking place all around India, in the field of civil engineering are as mentioned below.

**International trade fair for construction machinery & building material - Baucon India**

**2002.** Place : New Delhi.  
Duration :4<sup>th</sup> to 7<sup>th</sup> Sept. 2002  
Contact : Tafcon Projects Pvt. Ltd.  
New Delhi. Fax No. : 011 4352141.

**Constru Tech. 2002.**  
Place : Mumbai.  
Duration 22<sup>nd</sup> to 25<sup>th</sup> Oct. 2002  
Contact : Ashish Gupta. India Tech Foundation.  
Fax : 022 6162459/6195040. Mumbai.

**Excon 2002.**  
Place : Bangalore.  
Duration 4<sup>th</sup> to 7<sup>th</sup> Dec. 2002  
Contact : Chairman - South Region. .  
Fax No. : 044 4660312/6195040.  
Confederation of Indian Industries  
E-mail : [cii.south@ciionline.org](mailto:cii.south@ciionline.org) Chennai.

### **GENERAL BODY MEETING & PRESENTATION**

#### **Venue:**

Seminar Hall, SVM Institute of Technology,  
College Campus, BHARUCH (East)

#### **Time:**

29th August 2002  
7:00 PM to 9:00 PM.

#### **Agenda:**

1. Review of activities and accounts.
2. Presentation on Presentation on:  
Water quality and Storage in Narmada,  
By Er. M.K.Barot Manager (GNFC)
3. Discussion on the presentation.
4. Endorsement of the executive committee.
5. Discussion on the future activities.
6. Vote of Thanks.

**ALL MEMBERS ARE INVITED FOR THE MEETING AND HIGH TEA AT 6.30 PM**

#### **Announcement:**

1. The logo for the Forum is to be made. Please suggest suitable logo based on the name, motives and area of activities.
2. A folder is to be given to the members of the Forum.
3. Gift for the early bird scheme will be available on 29/08/2002.
4. Please give news/articles/events/suggestion for the newsletter to the editorial committee.

#### **OBJECTIVES OF THE FORUM**

1. To serve the society for better living conditions and help the local administration in creating and maintaining good

infrastructure .

2. To develop quality awareness for durable civil engineering structures.
3. To create environmental awareness.
4. To educate technicians and supervisors for good construction practices.
5. To bridge the available local resources with the suitable new developments.
6. Set up a Rural development cell for awareness regarding water, roads, housing .
7. To interact amongst the civil engineers for exchange of ideas, information, know-how etc.

- ◆ There would be 57 Asians, 21 Europeans, 14 from the Western Hemisphere (North and South) and 8 Africans.
- ◆ 51 would be female, 49 male, 70 would be nonwhite and 30 white, 70 would be non-Christian and 30 Christian.
- ◆ Half of the world's wealth would be in the hands of only six people and all would be citizens of the United States.
- ◆ 80 would be living in substandard housing.
- ◆ 70 would be suffering from malnutrition.
- ◆ One would be near death and one would be near birth.
- ◆ Only one would have college education.
- ◆ One would own a computer.

My dear fellow Engineers,

I am thankful to you all for giving a positive response in the meeting of 13/7/03 with very good suggestions. The summary of the same is given in the other columns of this bulletin.

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Acting spontaneously on one of the suggestions, the next meeting has been organized at Ankleshwar on 26/8/03.

We are making all arrangements for a Family Gathering at Kevadia Colony after Diwali i.e., in the 2nd week of November 2003. Please make your Winter schedules considering the same.

I am still expecting few more suggestions from the members who could not make it to the last meeting. I, therefore, request all the members to go through the bulletin attend the next meeting in large numbers without fail with more constructive suggestions to make BCEF activity oriented and stronger in days to come.

Hopping to meet you in next meeting.

**G.G.Nankani**

### **THE WORLD IN NUTSHELL**

If we could shrink the Earth's population to a village of precisely 100 people, with all existing human ratios remaining the same, it would be like this:

When one considers our world from such an incredibly compressed perspective, the need for both tolerance and understanding becomes glaringly apparent.

This may be an over simplistic view, but it is an arresting portrayal of our world.

### **WORLD'S TALLEST SKYSCRAPERS of FUTURE:**

**Grollo Tower**, 560m tall tower in Melbourne, Australia when completed probably by 2005, the building will be 100m taller than the World Financial Center, Sanghai, China which is on hold because of financial problems and almost 110m taller than the **Petronas Towers, Kuala Lumpur, Malaysia**, currently the world's tallest buildings.

The building will be slender, tapering obelisk that will measure more than 100 m on each side of its square bases. The lowest floor will be 35 m above the ground, leaving room for the urban park below. The 30 m deep excavation for the building structure will be 115 m wide at surface level, tapering to a width of 60 m at the bottom. The basement space will serve as a 1700 space parking garage. The buildings height could require a 5.5 km clearance for aircraft, according to Melbourne airport officials. The building will be so tall that the stories above 450 m will be obscured by clouds at all times. The tower will sway about 1 m in high winds. Rubber pads at the buildings base will dampen wind effects, so inhabitants wont feel the building moving.

### **INDIA TOWER - to be the world's tallest structure.**

In November 1998, Maharishi Mahesh Yogi, presided at a ground breaking ceremony near Jabalpur for the pyramid shaped World Center for Vedic learning or India Tower. If, built the tower would stretch to 677 m more than 213 m higher than the Petrons Towers.

The building will have a square base 339 m on each side and will have nearly 2.3 million m<sup>2</sup> of base. The tapering pyramid will be twice tall as it is wide and will sit in the geographical center of India. The planned completion date is 2008.

Minoru Yamasaki Associates of Rochester Hills, Michigan, which helped in the design of New York's World Trade Center, is designing the building.

*Courtesy- IEI & ICI journal.*

### **Minutes of meeting held on 13-7-03 at BDMA Hall Bharuch.**

21 members attended the meeting. President, Shri Nankani gave the overview of activities during last 2 years. He briefed the members about progress on proposal of "Weir cum Causeway" on River Narmada". President invited suggestions from all members to strengthen BCEF and expand the activities of BCEF.

Suggestions given by members are summarised in brief as under :

- A directory / database with information about individual member's expertise is to be prepared and circulated to all members. Directory should contain members personal detail, contact address, phone No., e-mail, member identifications Mr. Chirag Baxi along with Mr. N.S. Rathod and Mr. Sudhir Gupta has taken the responsibility to complete the task by August end.
- For better Coordination and information access appropriate zoning of the organisation shall be done. After preparation of directory executive committee shall decide on zoning and responsibility to some members for collection of fees. All members are requested to deposit their fees for current year as well as previous year (if outstanding)
- For updating technical knowledge and skills of members the "Technical Talk" Shall be organized every month, on last Friday, 7.00 PM. The talk shall be organized alternately at Ankleshwar ad Bharuch. The talk shall be presented by any of the members of Forum. Mr. S.K.Patel shall take the

responsibility of seminar committee. He will choose other members of the committee, as per requirement.

- All members shall give the name, address, and list of manufacturers, consultants, and faculties to Mr. S.K.Patel or at office address of BCEF, so that the selection for seminars, training programs, new product awareness can be done.
- Consulting firms / contracting companies / other companies with representation of civil engineers shall be enrolled for corporate membership. Executive committee shall finalize fee structure and other modalities.
- Members shall give suggestions on "Social Projects" to be carried out for Ankleshwar, Bharuch and rural areas. Selection of project to be taken up after due discussion in executive committee.
- A family "get to gather" shall be organized by Mr. Singhala along with Mr. Kalpesh Bhatt shall finalize the details of "get to gather" so that all the members can be invited well in advance.
- Honorary membership of the forum shall be conferred to Senior Govt. official like Dy. Chief Engineer / Executive Engineer of GIDC, and R&B, DDO - Bharuch, SDM - Ankleshwar etc.
- To create presence in Educational Institutes, forum should make efforts. HOD of civil Eng. Dept. - K.J. Polytechnic, Bharuch shall be conferred with Honorary Membership of Forum.
- To crate presence in Society, along with Social Projects efforts shall be made for publicity in newspapers and local TV Channels for our Programs.
- Architect being in the same profession also shall be invited for membership of the forum. Current strength of forum is nearly 90. All the members shall bring one new member to increase our membership strength to @ 200.
- Same of the Social Project Suggested by same members are
  - Improvement of Traffic at Bharuch Station to Panch Batti Road.
  - Projects based on Core committee report on development of Bharuch.
  - Rainwater Harvesting
  - Developing Master plan to develop Ankleshwar Industrial Estate as Model Estate.
  - Sewage and solid waste disposal of Bharuch with a Project Chairman.
- For Selected few Projects, different Committees shall be formed, so that all the members can participate activity and committee shall present the report in Annual Meeting. Appropriate appreciation the members, who have made distant contribution, shall be done.

**bcef**

**BHARUCH CIVIL ENGINEERS FORUM**

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

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- All the members who were not present are requested to attend next meeting without fail. Next meeting with technical talk shall be held at Ankleshwar at 7.00 PM.

*Nitesh Patel - Secretary*

**MEETING and PRESENTATION**

**Venue: Hotel Royal Palace, Near Railway station  
Ankleshwar (East)**

**Time: 26th August 2003 6:30 PM to 8:30 PM.**

**Presentation on PROFLEX ROOFING SYSTEMS  
By Manibhai & Brothers Construction Pvt. Ltd.  
MB HOUSE 51, Chandrodai Society,  
Stadium Road, Ahmedabad.**

**MEMBERS ARE INVITED FOR THE MEETING AND DINNER**