

**EVENTS:**

A presentation cum discussion on PROFLEX SYSTEMS was organised at Hotel Royal Palace, Ankleshwar on 26th August 2003 7:00 PM to 9:00 PM.

Proflex systems are self supporting roofing panels made from galvanized and/or pre painted steel coils with use of mobile manufacturing systems. Manibhai & Brothers, Ahmedabad has introduced this innovative concept for the first time in India. Proflex systems are ideal for Commercial, Residential buildings, industrial sheds, warehousing and large storage facilities. The unique self supporting technology can achieve spans from 4 to 24 meters, with complete elimination of trusses, purlins or any other intermediate support/columns! It is a high speed fabrication - erection technology where 100 sq. Mt. Of area can be installed in 24 hours time. The system is 100% waterproof and maintenance free with no bird nuisance.

Presentation was made by Mr. Mayur Patel, Business Development Manager from Manibhai & Brothers Construction Pvt. Ltd. MB HOUSE 51, Chandrodai Society, Stadium Road, Ahmedabad.

The meeting was first of its kind under BCEF organised members of Ankleshwar area.

**EXPERTS:**

Importance of Communications Skills by Dr. Mather, an eminent and world renowned Civil - Concrete Engineer.

“ The successes that I have had are largely due to my ability to communicate. For any professional, including concrete, you must learn to be able to talk and write about what you are doing, why you are doing it, and what you are trying to achieve”.

Dr. Mather was very particular in correct use of technical terms. Commenting on an editorial note on the subject of ‘waterproofing’... he pointed out that- ‘It is largely concerned with what you, and many others, unfortunately call “waterproofing” and Damp proofing”. It would be much better, and honest, to realise that words such as these and other such as “fireproof”, “stainless”, “unbreakable”, flat, safe, rigid, pure should never be used in technical writing since they could be taken to denote or connote an absolute, unqualified, or unconditional property or capability. ASTM has forbidden the use of such terms (Form and Style for ASTM Standards, 8th Ed., Sept. 1989, page 27).

He suggested that “instead of waterproofing and damp proofing on can more honestly, say low permeability, reduced permeability, low porosity or whatever it is really that is meant.

**CONCRETE:**

Concrete is the most popular material used in the construction market. About one ton of concrete is produced each year for every human being in the world (some 6 billions tons per year).

The construction market in Asia is the leading market in the world with an estimated value of about \$1.2 trillion. Japan and China continue to lead the region’s construction industry. Europe’s construction market is estimated at \$ 1.1 trillion. The US with world’s healthiest market and Canada with a hot market of its own puts North America at about \$ 1 trillion. Latin America, led by Brazil and Mexico places South America next with a market of about \$300 billion. The construction market in Middle East is about \$150 billion followed by Africa with a market of about \$60 billion. The world construction market is estimates to be about \$ 4 billion.

The amount of world trade dealing with concrete is estimated to be about 13 to 14 trillion dollars. This includes various aspects dealing with production and use of concrete. The magnitude of this number shows that the wave of economic globalization has an impact on the concrete as the basic building material for the development and maintenance of the civil infrastructure facilities which are the integral component of an economy. About 1% of the world population has jobs that directly relate to the concrete construction industry.

On the basis of use of concrete per person per year, the world’s biggest market for concrete is North America. In the US, concrete is used in excess of 2.5 tons per person per year. Gross product of concrete and cement manufacturing revenue exceed \$35 billion annually. In addition to concrete and cement manufacturing, the industry includes aggregates and material suppliers, designers, contractors, and repair and maintenance companies. Over 2 million jobs relate to the US concrete construction industry.

The significance of International Standards in the field of Concrete and its use in civil infrastructure is ever more needed as the economic development of the world continues.

The fact, that the worldwide biggest market of concrete and its use in civil infrastructure is North America and that the main importing and exporting countries are China, Japan and Brazil, it seems logical that these countries should be active in the work of development of International standards dealing with concrete technology.

**PRESENTATION and DISCUSSION****ON**Sabarmati River Front Development Project,  
Ahmedabad.

**Venue:**  
BDMA Hall,  
6th Floor, Vaikunth Towers,  
Opp. Polytechnic College, BHARUCH (East)

**Time:**  
5th December 2003  
6:00 PM onwards.

**By:**  
Mr. Bala - Executive Director  
Mr. Mahesh - Development Manager  
Environmental Planning Collaborative  
Ahmedabad.

ALL MEMBERS ARE INVITED FOR THE MEETING AND  
HIGH TEA

### TECHNICAL VISIT cum PICNIC

ONE DAY TOUR TO SARDAR SAROVAR PROJECT at  
Kevadiya Colony and KARJAN DAM at Rajpipla is  
planned with family on 2.12.2003 SUNDAY as  
follows:

#### Schedule:

1. Departure from Sheetal Guest House - 06.30 AM
2. Halt at Rajpipla Tea break - 08.30 AM
3. Reaching Kevadiya and site seeing. - 10.00 AM
4. Lunch - 14.00 PM
5. Reach Karjan Dam site - 16.00 PM
6. Tea at Rajpipla. - 17.00 PM
7. Return to Bharuch. - 19.00 PM

#### Approximate Expenditure per head:

Adults: Rs. 150.00 Children (5 to 12 years): Rs. 100.00

#### Booking: Contact,

Er. Kalpesh Bhatt 02642 - 230483  
Er. Vijay Singhala 02642 - 245843  
Er. G G Nankani 02642 - 246910  
Er. Tarak Mamaltdarna 02642 - 241574  
Er. Chirag Baxi 02642 - 237417  
Er. Rajesh Shah 98241 - 06325

#### Editorial Committee:

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

### 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.

#### Executive Committee:

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

#### Believe it or not

1. "Good news, Sir! We have at last got the design approved by the department after two years. Now they want the construction completed in the remaining three months!
2. You have looked after us very well during our stay in your country. I don't know how to reciprocate that hospitality, may be with a fellowship of one of professional institutions to you.
3. Note no. 4 on this consultant's drawing says that the remaining reinforcement details on the drawing shall be added later after receiving the balance 50 percent payment from his client!!!

#### Member: (Name & Address)

Member: (Name & Address)