



**GLOBAL STONE TECHNOLOGY FORUM**  
**INTERNATIONAL STONE CONFERENCE**

**POST SHOW REPORT**

January 29-30, 2014, Jaipur



**GLOBAL STONE TECHNOLOGY FORUM**  
**January 29-30, 2014**  
**Jaipur**

---

**INTRODUCTION**

The fifth edition of GLOBAL STONE TECHNOLOGY FORUM (GSTF), the International stones conference was jointly organized at Brij Convention Centre, Hotel Clarks Amer, Jaipur during January 29-30, 2014 by Centre for Development of Stones (CDOS) and Federation of Indian Chambers of Commerce and Industry (FICCI).

**SUPPORTED BY**

The event was supported by the following:

- a) AIGSA - All India Granites & Stone Association
- b) CCPS-Confederation of Construction Products and Services
- c) FIMI - Federation of Indian Mineral Industries
- d) FMAR - Federation of Mining Associations of Rajasthan
- e) INTBAU-International Network for Traditional Building, Architecture & Urbanism, INDIA
- f) DRONAH-Development and Research Organization for Nature, Arts and Heritage.

## **DELEGATES**

GSTF was addressed by 32 eminent National & International speakers from different sectors related to Natural Dimensional Stones. It was attended by 136 delegates comprising of Stone Exporters, Quarry Owners, Machinery Manufacturers, Tools Manufacturers, Architects, Builders, Civil Engineers, Interior Designers etc. The main focus of the conference was on the following key areas:

- Latest technology for Stone Mining & Processing
- Robotic Technology
- Operation & Maintenance of CNC Machines
- Tools Technology
- Energy Efficiency in Stone sector
- CE Marking
- Emerging Markets
- Use of Stone in Modern Architecture
- Research & Development
- Waste Management

## **INAUGURATION**

It was inaugurated by Shri C S Rajan, Additional Chief Secretary, Infrastructure, Government of Rajasthan & Chairman RIICO. Beside that leading luminaries of the trade & industry and the architectural fraternity and many senior officers from Rajasthan Government, representatives of various National and International agencies and also the trade witnessed inauguration of this mega event.

Inaugural ceremony also witnessed presentation of awards to the winners of All India Stone Architectural Awards 2013 which was instituted by CDOS to recognize and honour architects for innovative and creative use of Indian dimensional stones.

## TECHNICAL SESSIONS

In the technical sessions, leading lights of international stone industry comprising architects, technology suppliers, scientists and researchers, consultants and technical experts deliberated on various pertinent issues. The schedule of the technical sessions at the forum alongwith a short title of the presentation is as presented in following pages:

### A. TECHNICAL SESSION – I

Speakers	Designation	Topic of Presentation
Mr. Sergio Gervasoni	Area Manager, CMS Brembana	CNC Technology
Mr. Pradeep Kumar KP	CEO & Chief Consultant, RPM Tools Consulting	Stone Carving & sculpting using CNC machines
Mr. Jayesh Patel	Director, Ainnovative Technologies	Magic created on stone through Waterjet cutting machine / Waterjet Creating wonders in Stone & ceramic
Ms. Preksha Baid	Director, Ywalls designs	Crafting Technologies
Mr. Puneet V. Gupta	Director, PM Tools & Abrasives	CNC Tools

### B. TECHNICAL SESSION – II

Speakers	Designation	Topic of Presentation
Mr. Stefano Nesta	Area Manager, Middle East & Far East, Donatoni Machine	5 axis CNC Stone Processing Machines
Mr. A.K.Agarwal	Director, Rajasthan Udyog	Energy saving Gangsaw Machines –OTTO R
Mr. Avinash Jain	North India- Sales Manager, Breton	Innovative Technologies for Stone: Multiwire Machines, Fab Shop Machines and Engineered Stone Plants
Mr. Sandeep Narang	Director, Killick Guard Special Products Ltd.	Technology of Surface Protection

Mr. Immanuel D. Walker	Marketing Manager – South Asia, Dupont India	Innovative Stone Finishes with DuPont Abrasive Filaments
Mr. Sachin Surie	Director, Surie Porex	Diamond Tools for grinding & polishing of Stones

### C. TECHNICAL SESSION – III

Speakers	Designation	Topic
Mr. G. Sundareshwara	Director, Sigma Consultancy Services	CE Mark for Stone Products
Mr. Mahesh Gaur	Incharge CE Marking – North & Gujarat Region, TUV India Pvt. Ltd.	CE Mark
Mr. Anil Taneja	Litos, Spain	A different China now- New questions for Stone industry
Mr. Jitendra Patel	Director, Patel Phoschem Pvt. Ltd.	The process of manufacturing Gypsum from waste Marble slurry and Lime stone.
Mr. Sameer Pandita	Bureau of Energy Efficiency	Energy Efficiency in Stone sector

### D. TECHNICAL SESSION – IV

Speakers	Designation	Topic of Presentation
Mr. Giovanni Lanceny		<ul style="list-style-type: none"> <li>• Waste recovery at Quarry sites Technology</li> <li>• Splitting and Crushers Technology</li> <li>• Examples of splitted material application</li> <li>• New diamond wire machine concept for quarry</li> <li>• Technology improvements on Multiwire</li> <li>• Stone machines in the Manufacturing Plant</li> <li>• Second hand machines selection criteria and technical support.</li> </ul>
Mr. Devaraj	Director, Stonetech International	Indian Granite Industry A vision for the new millennium – sawn slab Clusters
Mr. A.K. Shrimali	Executive President (Engg), R.K.Marble	Mechanization & latest innovations in Marble Mining
Mr. Ramesh Khattar	Mining And Stone Processing Consultant, C/O Pacific Hualong Machinery	Application of innovative cutting machine “ disk saw “ [ double blade quarry cutting machine ] for dimensional stone mining
Mr. K. Vikram Rastogi	President, Stone Technology Centre	Technical Advancements in Stone Sector
Mr. V.Boopathi	Director, Yagya Priyaa Construction Equipment India Pvt. Ltd.	Stone Handling Cranes and Container Stuffing Cranes

### E. TECHNICAL SESSION – V

Speakers	Designation	Topic of Presentation
Mr. Andy White	Group Event Director, Construction Division, DMG Events	Middle East Stone Perspective
Mr. Saidbeg Saidov	Ambassador, Embassy of The Republic of Tajikistan	
Mr. Anil Taneja	Litos, Spain	Prospect for Stone Industry in the world in 2014

## F. TECHNICAL SESSION – VI

Speakers	Designation	Topic of Presentation
Ar. Durganand Balsavar	Renowned Architect, Chennai	
Ar. Shoummo Dasgupta	Renowned Architect, Delhi	
Ar. Shalini Dasgupta	Renowned Architect, Delhi	
Ar. Shabbir Unwala	Renowned Architect, Pune	
Ar. Shamini Shankar	Renowned Architect, Jaipur	
Ar. Alok Ranjan	Renowned Architect, Jaipur	
Panel discussion		

## G. TECHNICAL SESSION – VII

Speakers	Designation	Topic of Presentation
Prof. Ravindra Nagar	Professor Department of Civil Engineering MNIT Jaipur	Utilization of stone powder waste in concrete as partial replacement of Sand and Cement
Prof. Jyotirmay Mathur	Head of Centre for Energy and Environment, MNIT	Energy Efficiency in buildings with Stones
Dr. A.K.Dhawan	Chairman, Stone Selection Committee, Bureau of Indian Standards	Standardization in India in the field of building stones

The Technical Experts highlighted various technological advancements/developments in the field of mining, processing and value addition of natural dimensional stones through audio-visual presentations. Gathering also witnessed the development taking place in the field of energy efficiency, product standardization, stone waste management and other research and development initiatives / developments.

The Forum provided an opportunity to the trade delegates to interact directly with the experts for fruitful business interaction during the breaks between the sessions.

## CONCLUSIONS AND RECOMMENDATIONS

The fifth edition of GSTF was instrumental in exploring the possibilities for Indian Stone industry to adopt latest technical advancements / innovations in the field of Stone Mining, Processing and Value addition to make the industry more competitive and a zero-waste industry.

Finally it was concluded that better dissemination of those advancements / innovations will take the stone sector to the next level in terms of technology upgradation. Adoption of new technology will be helpful in cutting down the production cost and improve the quality of the product both in mining as well as in processing sector.