



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

**POST SHOW REPORT**

December 17-18, 2015, Udaipur



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**INTRODUCTION**

The sixth edition of GLOBAL STONE TECHNOLOGY FORUM (GSTF), an International Stone Technology Conference was organized by Centre for Development of Stones (CDOS) with Federation of Indian Chambers of Commerce and Industry (FICCI) as co-organizer at the P P Singhal Auditorium of Udaipur Chamber of Commerce & Industry, Udaipur during December 17-18, 2015.

**SUPPORTED BY**

The event was supported by many leading national and international organizations/agencies associated with mining and architectural sector :

- a) Council of Architecture
- b) Federation of Indian Granite and Stone Association (FIGSI)
- c) Federation of Mining Association of Rajasthan (FMAR)
- d) Federation of India Mineral Industries (FIMI)
- e) Internazionale Marmi e Macchine Carrara (IMM Carrara)
- f) Development and Research Organisation for Nature, Arts and Heritage (DRONAH)
- g) International Network for Traditional Building, Architecture and Urbanism (INTBAU)
- h) The Gujarat Institute of Housing & Estate Developers (GIHED)

- i) Mining Engineers' Association, India
- j) Udaipur Chamber of Commerce & Industry

## **THEME, SPEAKERS & DELEGATES**

GSTF 2015 was addressed by 27 eminent National & International speakers from diverse sectors related to Natural Dimensional Stones. It was attended by 192 delegates comprising of Stone Exporters, Quarry Owners, Stone Processors, Machinery Manufacturers, Tools Manufacturers, Mining Engineers etc. from Udaipur, Rajsamand, Chittorgarh, Jodhpur, Jalore, Kishangarh, Ajmer and other stone clusters.

The main focus of the conference was on the following key areas:

- CNC Machines and other value added machines
- Robotic Technology
- Innovative and latest mining and processing equipment and technologies
- Multi wire processing machines and block handlers
- Latest surface finishes and technologies/equipment for achieving the same
- Stone waste management
- Stone cladding technologies
- Value addition in stones
- Stones in architecture

- Emerging markets
- E-marketing of stones and Project Marketing
- CE Marking

## INAUGURATION

The event was inaugurated by Shri D S Maru, Director, Mines & Geology, Government of Rajasthan. The Inaugural function was attended by leading luminaries of the trade & industry, architectural fraternity, senior officers from Rajasthan Government and representatives of various National and International agencies.



Inaugural ceremony also witnessed presentation of awards to the winners of All India Stone Architectural Awards 2015 which was instituted by CDOS to recognize and honour architects for innovative and creative use of Indian dimensional stones.



Shri Anup Wadhawan, Director General of Foreign Trade, Government of India also addressed the gathering on 18<sup>th</sup> December 2015.

## TECHNICAL SESSIONS

In the technical sessions, leading lights of international stone industry comprising technology suppliers, scientists and researchers, consultants and technical & commercial experts deliberated on various pertinent issues as per the theme of the conference so as to share technical knowhow and nuances of business in the present global competition. The schedule of the technical sessions at the forum alongwith a short title of the presentation is as enumerated below:

### A. TECHNICAL SESSION – I



Speakers	Designation & Company	Topic of Presentation
Mr. Jayesh Patel	Director, A-Innovative	Waterjet creating wonders in Stone
Mr. Matteo Patalocchi / Mr. Sanjay Sharma	Q Design, Italy / Vice President, Artek Enterprises	CNC Robotics vs Traditional CNC Centres
Mr. Birju Patel	Director, Shusa Mechatronix	Stone carving with CNC technology
Mr. Giovanni Lanceni	Machinery Consultant, Italy	Comparison of sawing of blocks with gang saw and with multi wire machines / splitting technology and machine applications based on Indian feedback requirements
Mr. S.S Rathore	Prof & Head, Dept. of Mining Engineering, MPUAT	Technology for sustainable growth in stone sector of small areas

## B. TECHNICAL SESSION – II



Speakers	Designation & Company	Topic of Presentation
Mr. Devaraj	Director, Stonetech International	Multiwire technology
Mr. Ramesh Khattar	Partner, Pacific Hualong Machinery	Emerging Granite Industries In India With Hi-Tech Machines
Mr. Vinod Bhati	Representative Pedrini SPA, Italy	1. Multiwire Stone Cutting Technology 2. Microwave Technology to resinate all types of stone slabs
Mr. S.P. Venkata Nagaraj	Managing Director, Endura Superabs Pvt. Ltd.	Latest trends in Stone processing using LPMs

## C. TECHNICAL SESSION – III



Speakers	Designation & Company	Topic of Presentation
Mr. Vijay Chourasia	Chourasia Infrastructure	Dry Cladding Works
Mr. Balakrishna Bodapati / Mr. Ranjit Jha	ITW Construction Systems	Fasteners & Anchors for Stone Facades
Mr. Kamal Wason	Director, KW Stone Technologies	Role of Technology in natural stone dry cladding
Mr. Carlo Mario Messetti	Regional Sales Manager for India and Middle East, Tenax	Epoxy and surface treatment for natural stone
Mr. Sandeep Narang	Managing Director, Killick Guard specialties products	Protection and Aesthetics of Stones



## D. TECHNICAL SESSION – IV



Speakers	Designation & Company	Topic of Presentation
Dr. Harlal Singh Mali	Asstt. Professor ( Mech. Engg), MNIT, Jaipur	Role of Stone Morphology and Microstructure on its optimum machining
Dr. Pawan Kalla	Asstt. Professor Civil. Engg), MNIT, Jaipur	Gainful utilization of Stone Waste
Mr. Avinash Jain	Manager-Sales & Technical Support (North –India), Breton	Utilization of small selected stones generated during mining of marble and granite blocks
Mr. Shashank Bishnoi	Asstt. Professor, IIT Delhi	Use of Stone dust as construction material

## E. TECHNICAL SESSION – V



Speakers	Designation & Company	Topic of Presentation
Mr. Bhagirath Sharma	Managing Director, Vishwakarma Shilp Karyalay Pvt. Ltd.	Innovation-The master key to value addition
Mr. Kiran Trivedi	Trivedi Corporation	Revolution in Stone Craft Industry with Computer Numerical Control (CNC) Machines
Mr. Pramod Salunke	CEO, Marble Magik Corporation	Stone sealers
Mr. Subhash Sharma	Volvo India Pvt. Ltd.	Block handler L220G & L350F .- Suitable for Marble & granite quarries
Mr. Mrugal Sompura	CEO, Proneel Technologies	Use of wire sawing and nano technology in processing dimensional stone

## F. TECHNICAL SESSION – VI



Speakers	Designation & Company	Topic of Presentation
Mr. Chris Wang	Director, Channel Management, Alibaba.com	E-marketing of stones
Mr. G. Sundareshwara	Sigma Consultancy Services	CE- Marking
Mr. Mohan Bohara	Arpit Publications	Importance of B2B portals in Stone sector
Mr. K. Vikram Rastogi	President, Stone Technology Centre	Emerging Markets for Indian Companies

## G. TECHNICAL SESSION – VII- OPEN INTERACTION WITH ARCHITECTS



Speakers	Designation
Ms. Jyoti Gill	Eminent Architect, Vadodara
Mr. Suraj Kathe	Eminent Architect, Ahmedabad
Ms. Devyani Trivedi	Eminent Architect, Vadodara
Ms. Meera Sanghvi	Eminent Architect, Vadodara
Mr. Rajesh BS Kakodkar	Eminent Architect, Goa



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 developments taking place in the field of product standardization, stone waste management, e-commerce and opportunities in e-marketing, various emerging markets having potential of exports 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 and technical interaction.

## **CONCLUSIONS**

The sixth 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.

The Forum also provided an opportunity to trade representatives to interact with some eminent architects regarding their requirements vis-à-vis products and stone varieties being available and offered by industry.

It was concluded that better dissemination of technological 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.

The event was extensively covered by print and electronic media.