



STAI e News Letter

Quarterly News Letter

Volume 1, Issue 1,3rd December 2015

From the Desk of President

Dear Members
Greetings!

At the outset, I would like to thank the members for actively participating in the recently concluded STAI Elections and electing the new Council for the years 2015-18. The new Council took charge and got to business after the 77th Annual General Body Meeting held at Goa on 5 September 2015.

The Indian sugar industry has been passing through tough times as for the sixth straight year we will have excess sugar production over our consumption. The international prices of the commodity had also been on decline since the beginning of 2015.

To avert the crisis, the Govt. of India has taken some proactive steps like raising ethanol prices, exempting it from excise duty, decision to make 10% ethanol blending,

ensuring banks to sanction soft loans to the industry, assisting industry to export 4 MT of sugar to liquidate some inventory etc.

Every dark cloud comes with a silver lining and it is high time for the industry to make efforts to reduce production costs by maximizing crushing capacity, minimizing the recovery losses, investing in farm development, producing all quality of sugars and judiciously utilizing the by-products which have huge market demand and making the Indian Sugar Industry globally competitive.

Diversification is the key driver for sustenance of sugar industry in current scenario. The industry must focus on converting traditional sugar factories to Integrated Sugar Complexes for co-producing bio ethanol and co-generating power along with sugar to achieve economies of scale.

For the year 2015-16 an exciting activity calendar has been chalked out by the Council comprising of

the core subjects for the sugar and allied industries.



Mr Sanjay Awasthi ,
President, STAI

On behalf of the Council, I express my most sincere gratitude to all the members of the Association, sponsors, exhibitors & service providers who support the Association activities throughout the year.

Wishing you a Happy and Prosperous 2015-16 Sugar Crushing Season!

Sanjay Awasthi

XI Joint Convention STAI DSTA 4-6 September 2015

The Sugar Technologists' Association of India (STAI) & The Deccan Sugar Technologists' Association (India) successfully organized their flagship event **XI Joint Convention and Sugar Expo 2015** from **4th-6th September 2015** at **Dr Shyama Prasad Mukherjee Indoor Stadium, Goa**.

Mr. Shripad Naik, Hon'ble Minister for AYUSH, Ministry

of Health and Family Welfare, Govt. of India inaugurated the Joint Convention & Sugar Expo.



Mr Shripad Naik, Hon'ble Minister inaugurating the convention

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The three days congregation was attended by over 1100 delegates comprising of sugar professionals, leading industrialists, scientists, students, media etc.

Highlights :XI Joint Convention STAI DSTA,4-6 September 2015,Goa

Dignitaries present :

Mr Narendra Sawaikar, Hon`ble Member of Parliament (South Goa)

Dr M Manickam, Executive Chairman, Sakthi Sugars Limited

Mr Ranjit Puri, Chairman, ISGEC Heavy Engineering Limited

Mr Murugesh R Nirani, Founder Chairman and Managing Director, Nirani Group of Industries

Dr GSC Rao, President, The Sugar Technologists' Association of India

Mr R V Shirgaokar, President, Decan Sugar Technologists' Association (India)

Mr Sanjay Awasthi, Incoming President, The Sugar Technologists' Association of India

Memorial Lectures :

S.N. Gundurao Memorial Lecture

Prof. Mohamed Mathlouthi, AVH, France on "**Controlling the Quality of Crystals for an Easier Management of Storage, Handling and Packaging of White Sugar**".

J.P Mukherji Memorial Lecture

Mr M S Sundaram, Managing Director, J P Mukherji & Associates Pvt. Ltd. on "**Energy Conservation in Sugar Industry**".

Mangal Singh Memorial Lecture

Mr Dilip Jain, Principal Consultant, Global Cane Sugar Services Pvt. Ltd. on "**Use of Intermediate Sugar House for Alcohol Production to Reduce Sugar Production**".

Life Time Achievement Awards

The STAI Life Time Achievement awards for the year 2015 were conferred to:

Dr M Manickam, Executive Chairman, Sakthi Sugars Limited

Dr Gururaj Hunsigi, Professor and Head (Retd.), University of Agricultural Sciences, Bengaluru

Mr H P S Bhatia, Director, Chadha Sugar & Industries Pvt. Limited

Mr Shantaram Pansare, Business Coordinator, Thyssenkrupp Industries India Pvt. Ltd.

Mr R V Vatnal, Group Technical Advisor, Nirani Group of Industries

Industry Excellence Awards

The STAI Industry Excellence Awards for the year 2015 were conferred to :

Mr Murugesh R Nirani, Founder Chairman and Managing Director, Nirani Group of Industries

Mr Hasan M Mushrif, Founder, Sar Senapati Santaji Ghorpade Sugar Factory Ltd.

Mr Mohd Hussain, Chairman, Three Star Engineering Pvt. Ltd.

Mr Yogesh Marwaha, Senior Vice President, Isgec Heavy Engineering Ltd.

Mr Pradeep Kumar Asthana, Chairman and Managing Director, Kamuna Group

Our Industry is at Cross Roads and Technology is the only respite to over come challenges"

Dr M Manickam



Dr M Manickam, Executive Chairman, Sakthi Sugars Ltd., receiving the Life Time Achievement Award from the Chief Guest

Sugar Expo 2015

In conjunction with the Joint Convention, Sugar Expo 2015 was also organized which saw participation by 72 leading organizations comprising of sugar plant & machinery manufacturers, agri machinery

manufacturers, process chemical manufacturers, SMEs from India and abroad.

The hallmark of the event was new & innovative launches by the technology providers and display of all the products that can be made from sugarcane.



Mr Shripad Naik, Chief Guest visiting Sugar Expo 2015

Medals

STAI conferred Noel Deerr Gold Medals, STAI Silver Medals, Dr Banshi Dhar Gold Medal, Shri J P Mukerjee Gold Medal, Isgec Gold Medal-Engineering for Excellence in Process Technology and Process Engineering, to commemorate professionals associated with sugar and allied industry for original research work done by them to promote technological advancement in the sector.



Audience during the Inaugural session in Joint Convention

Technical Presentations

90 research papers and articles were presented in Sugarcane Agriculture, Factory Engineering, Factory Processing, Co-Products & Management sessions in the Joint Convention.

The papers focussed on development of new sugarcane varieties, new technologies, improvisation in existing manufacturing processes, deriving benefits from co products etc.

'How Sweet' Coffee Table Book on Indian Sugar Industry

The Sugar Technologists' Association of India has come out with the **first ever Coffee Table Book (CTB) – "How Sweet" on the Indian Sugar Industry** depicting its incredible growth story.

The organized Indian Sugar Industry has a history of over 100 years. Starting as unorganized gur/jaggery units from 400-500 TCD plants, today the industry has grown to 16000 TCD plants with an average capacity of 5000 TCD.

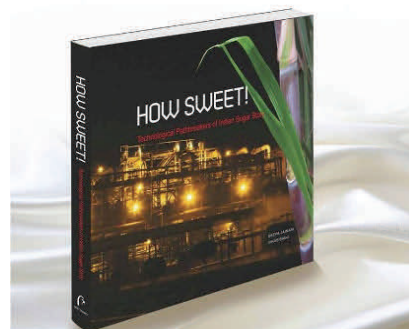
As of now there is no complete history on the evolution of the Indian Sugar Industry as it is scattered in various journals or books. This Coffee Table Book is aimed at documenting the achievements of sugarcane scientists, technocrats and other professionals who are the

unsung heroes of the sugar sector. From the primitive way of manufacturing, Indian sugar industry is now highly advanced and can proudly claim to the achievements of the individual technologists' engineers, agriculturists and managers.

Apart from these giant individuals, the Original Equipment Manufacturers (OEM), Small and Medium Enterprises (SME), research institutes and all other sugar related associations have also played a major role in its development. Whatever may be the policy aberrations, it is the technological improvements by way of modern methods of farming, energy savings, automation and production of value added products such as cogeneration, fuel ethanol, refined sugar etc. that enabled the sugar industry to

survive the crisis.

Copies of the Coffee Table Book are available for sale. Interested members can purchase the same from STAI Secretariat.



'How Sweet' the first ever Coffee Table Book on the Indian Sugar Industry

XXIX ISSCT Congress, 5-8 December 2016, Thailand

The **XXIX Congress** of ISSCT is being held in Chiang Mai, located in north of sugar cane growing and sugar production hubs of Thailand, from 5 to 8 December 2016. The theme of the Congress is **"Sufficient and Sustainable Agri-Sugar Cane: from small farmers to global exporters"**.

The Congress plenary and technical sessions are designed to showcase Thai growers and processors within a world setting to promote sustainability in environmental conservation and community

development within sugar cane and sugar industries.

Last Date for Paper and Poster Proposal submission in XXIX Congress has now been extended to 15 January 2016

The Pre-Congress Tour will start in Khon Kaen on 2 December and will last for two days. The Post-Congress Tour will be held from 9 to 11 December and will end in Bangkok.

The Congress is expected to receive nearly 1,500 participants, delegates, and speakers spreading over Plenary Sessions, Technical Sessions, Management Workshop, and Trade Exhibition, from sugar cane industries from all around the world.

This is an important international event and STAI hopes that a large number of delegates from India would participate in the Congress. For more details members may log in to ISSCT website www.29issctthailand.com

Activities 2015-16

The following seminars/workshops have been decided to be organized in the year 2015-16:

Pune: Emerging Technologies in Boiling House for Energy Conservation

Delhi : Energy Efficient Options for Treatment of Clarifier Underflow

Mudhol: Optimizing Ethanol Production

Bhopal: Modern Trends in Energy Conservation

Coimbatore: Varietal Improvement & Mechanization

NSI/Lucknow: Water Management & meeting the CPCB Guidelines

Amritsar: Distillery and Spent Wash

Members Corner

- The proceedings of XI Joint Convention has been dispatched to the valid members.
- Proceedings to members in arrears - Associate/Fellow/Companion/SME for the year 2014 have not been sent. They are requested to clear their dues to enable us to send copy of proceedings & Factory list.
- Change in address/e-mail id may be communicated to office@staionline.org for faster communication with members.

New STAI Council 2015-18

President

Mr Sanjay Awasthi

Vice Presidents (Elected)

Mr A V R Reddy

Mr S M Sharma

Mr Anup Kesarwani

Mr P K Belsare

Vice Presidents (Ex-Officio)

Mr Narendra Mohan

Mr N Prabhakar

Mr R V Shirgaokar

Council Members (Elected)

Mr V S Naidu

Mr G Venkateshwara Rao

Mr S K Srivastava

Mr B R Jadhav

Mr D M Raskar

Mr A Aruna Prasad

Mr J K Kharbanda

Mr Pradeep Tyagi

Mr S J Kumbhar

Mr Pankaj Rastogi

Mr A K Malik

Mr Yogesh Malik

Mr C N Deshpande

Mr B K Yadav

Mr Neeraj Bansal

Mr P K Kannan

Mr N Gopalakrishnan

Hon. Editor

Mr D K Goel

Hon. Treasurer

Mr Dilip Jain

Council Members (Co-opted)

Mr G V Chaturvedi

Mr Rajeev Gupta

Mr Anurag Goyal

Special Invitees

Mr Abinash Verma

Dr Bakshi Ram

Mr M G Joshi

Mr Shivajirao Deshmukh

Mr Prashant Trivedi



Group Photograph of New STAI Council

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