



STAI e News Letter

Quarterly News Letter
Volume 2, Issue 3,30 June 2016

From the Desk of President

Dear Member,

Greetings,

It is pleasure to share with you the activities of the Association and developments that are taking place in the global sugar industry through the third edition of STAI e-Newsletter. The Indian sugar industry ended the sugar crushing season 2015-16 on a positive note. In the past six months, the retail price of sugar has gone up by almost 40% and is presently ruling at Rs 38 with corresponding improvement in ex-factory realizations. Adverse agro-climatic conditions coupled with assistance from the Central & State Govts., played a key role in the turnaround of the sector. This will assist the millers to clear their outstanding cane dues.

The hall mark of the year had been the meeting of the 5% target of ethanol blending with

petrol and increase in sugarcane acreage and sugar recovery in the northern India which had been stagnant for the past few decades. After years of efforts of making 5% of ethanol blending with petrol mandatory, the industry is set to achieve this target in the current sugar season.

The sugar production in the country for the sugar season 2015-16 is estimated to fall by 12% to 25.2 MT against the production of 28.63MT last year due to drought & lower sugarcane production in key sugar producing states viz. Maharashtra, Karnataka and Uttar Pradesh. However with an carry over stock of 7MT and anticipated production of about 24 MT next year, the country should be able to meet its internal consumption for the year 2016-17.

The Sugar Technologists Association of India will be organizing its 74th Annual Convention and Sugar Expo 2016 from 28th – 30th of July 2016 at The Leela Ambience Convention Hotel, Delhi. We are getting

good response for the event from all the stake holders – authors, exhibitors, delegates and sponsors.



Mr Sanjay Awasthi , President, STAI

The Council of the Association is also working on developing good programme for the Convention and I earnestly look forward to your valued support and active participation in this year's Convention which is taking place in the national capital after a gap of two decades.

With regards,

SANJAY AWASTHI

74th STAI Annual Convention and International Sugar Expo- 2016 ,28th-30th July 2016,Delhi

The 74th Annual Convention of The Sugar Technologists Association of India (STAI) is taking place at Delhi after a gap of nearly two decades. Over the last few years the conference has emerged as the most potent forum for showcasing of new technologies, exchange of ideas and a bellwether for the Indian Sugar Industry .

The event would bring together nearly 900 national and international delegates at one platform.



Panoramic View of Hotel The Leela Ambience Convention Hotel

Inside this issue:

<i>Highlights : 74th Annual Convention</i>	2
<i>Update: Kanpur Seminar</i>	3
<i>Update :ISCCT Congress</i>	4
<i>Sponsors: 74th Annual Convention</i>	4
<i>Member's Corner</i>	4

74th STAI Annual Convention and International Sugar Expo 2016 , 28-30 July 2016, Delhi (Contd.)

The highlights of this year's convention are :

Memorial Lectures –

S.N. Gundurao Memorial Lecture – This year the S.N. Gundurao Memorial Lecture will be delivered by **Dr. Rod Steindl**, ISSCT Commissioner/Chair Processing Section & Principal-Sugar Consulting International, Australia & **Dr Bakshi Ram**, Director, SBI Coimbatore.

Mangal Singh Memorial Lecture –

Dr. (Mrs.) V.S. Keskar, Managing Director-MAARC Labs Pvt. Ltd., and Convenor ICUMSA, Indian National Committee will be delivering this lecture.

Dr. Keskar will be presenting an update on the 30th ICUMSA Session

that has taken place at Warsaw, Poland from 8th – 10th June 2016 for the benefit of the members.

Technical Presentations – 65-70 research papers will be presented in 2 parallel technical sessions. Each author shall be given 15-20 minutes for presentation and for follow up discussions in order to have meaningful discussions.

Sugar Expo 2016 – In conjunction with the Convention, Sugar Expo 2016 is also being organized. The delegates will have the opportunity to interface with nearly 75 leading technology providers from India and abroad and explore the latest technologies/processes/services being offered by them.

International Participation :

A large number of international delegates are anticipated to participate this year comprising of sugar technologists, engineers, agriculture scientists hailing from India as well as **Australia, Columbia, Egypt, Germany, Indonesia, Spain, Vietnam, USA etc.**

The Early Bird Registration ends on 30th of June 2016. Members could take advantage of the same by registering prior to 30th of June 2016. Members may contact the STAI Secretariat or can download the Convention brochure, registration/accommodation forms, from STAI website www.staionline.org.

Tentative Programme : 74th Annual Convention

28th July 2016

0800 – 1000	-	Registration of delegates
1000 – 1300	-	Inaugural Programme
1300 – 1400	-	Lunch
1400 – 1530	-	S.N. Gundurao Memorial Lectures <ul style="list-style-type: none"> • Dr Rod Steindl-Principal Consultant, Australia • Dr Bakshi Ram, Director, SBI, Coimbatore
1530 – 1730	-	Technology Providers Session
1730 – 1800	-	Tea/Coffee
1930 -	-	Cultural Evening followed by dinner

29th July 2016

0930 – 1130	-	Presentation of Technical Papers : Session 1 <ul style="list-style-type: none"> • Agriculture • Factory Engineering
1130 – 1200	-	Tea/Coffee
1200 – 1330	-	Presentation of Technical Papers: Session 2
1330 – 1430	-	Lunch
1430 – 1730	-	Presentation of Technical Papers : Session 3 <ul style="list-style-type: none"> • Agriculture to continue • Mangal Singh Memorial Lecture by Dr. (Mrs.) V S Keskar to be followed by Factory Processing Section
1730 – 1800	-	Tea/Coffee
1800 -	-	Annual General Body Meeting

30th July 2016

0930 – 1130	-	Presentation of Technical Papers: Session 4 <ul style="list-style-type: none"> • Co-products Section • Factory Processing Section to continue
1130 – 1200	-	Tea/Coffee
1200 – 1330	-	Presentation of Technical Papers : Session 5 <ul style="list-style-type: none"> • Co-products Section to continue • Factory Processing Section followed by Management Section
1330 – 1430	-	Lunch and end of the Convention

Highlights :All India Seminar on Water Management and Meeting the CPCB Guidelines, 12 May 2016, Kanpur

All India Seminar on ‘**Water Management and Meeting the CPCB Guidelines**’ was successfully organized by The Sugar Technologists' Association of India in association with National Sugar Institute on **12 May 2016** at **NSI Campus, Kanpur**. The seminar was attended by 150 delegates from across the country.

Dr. B. K. Yadav, Managing Director, UP Cooperative Sugar Factories Federation Ltd. Lucknow was the Chief Guest of the Seminar. Speaking on the occasion, Dr Yadav stressed upon to adopt all possible means of water conservation e.g. recycling of waste waters after purification, process modification and rain water harvesting etc. to minimize fresh water usage in the sugar factories which otherwise have been put in red category by the Central Pollution Control Board.

Mr Sanjay Awasthi, President, The Sugar Technologists Association of India while citing the example of sugar refineries based in gulf region, stressed upon use of environment friendly technologies for processing house besides developing low cost technologies for purification of waste water for their

re-use in the sugar factory itself so as to reduce the requirement of fresh water.

In his address, **Prof. Narendra Mohan**, Director, NSI expressed his concern about the depleting water table across the country & vouched for a comprehensive mission mode approach from “Farm to Factory” to enhance water conservation and avoid indiscriminate exploitation of natural resources.

The Technical session of the seminar was chaired by Mr K P Singh, Group Head Operations, Balrampur Chini Mills Limited and Mr J P Shrivastava, Chief Design Engineer, National Sugar Institute Kanpur. The following papers were presented & discussed during the daylong seminar :

- CPCB Norms & Control of Water Effluent by Mr K P Singh
- Road map on Integrated Water Management 3500 TCD Sugar Mill ,20 MW Co-gen Plant & 60 KLPD multi-product Distillery by Mr Sanjay Awasthi, Mr Anurag Goyal
- Water Management & Complying with CPCB Norms in Sugar Mills by

Mr B Sivakumar, Mr Anup Kesarwani

- Technology Solutions for the Recycle of water in Integrated Sugar complex by Mr Dilip Jain , Mr Kris Kshetry

- Electro Coagulation coupled with Adsorption & Ion Exchange Process: Feasible Choice for Reusing Sugar Factory Condensates and Effluent by Mr J P Shrivastava ,Ms Seema Paroha,Mr V P Srivastava, Mr Mahendra Singh Yadav

- Economical Methods to achieve Waste Water Recycling and Zero Liquid Discharge by Mr M M Narang

- Water and Waste water management in sugar industry with reference to Irrigation practice through Irrigation Management Plan by Mr. M K Gaur

- An Efforts Towards Water Management To Meet The CPCB Guidelines by Mr Madhur Gupta,Mr Parvindra Singh, Mr Paramvir Singh

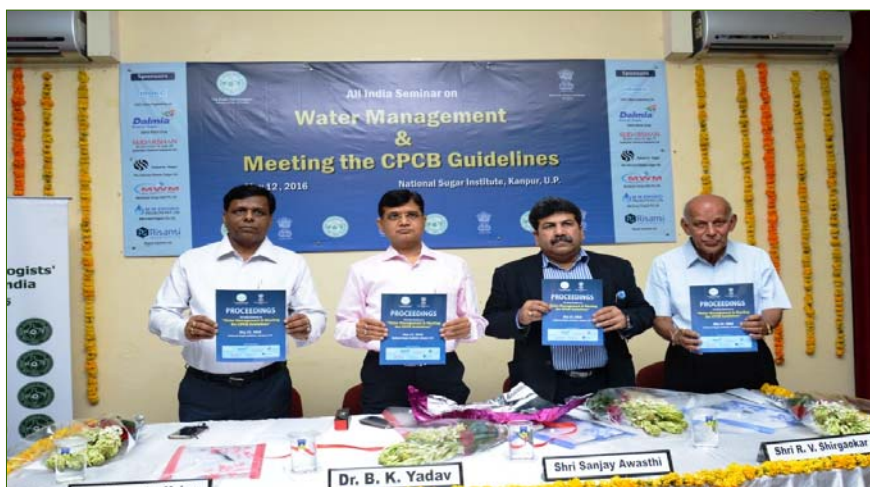
- Real Time Data Monitoring for Effluent Treatment Plant of Sugar Industry: A Study by Mr M K Banerjee

- Regulatory Compliance for Sugar Industry by Mr Nihar Doctor

- Control of Waste Water by making a little improvements Seksaria Biswan Sugar Factory by Mr Pankaj Gupta, Mr Sudhir Kumar Singh

- Water Recovery from Cane Demand of Present Scenario by Mr S P Tripathi.

Few copies of the proceedings of the above seminar are available for sale. Interested members may purchase the same from STAI Secretariat.



L-R Mr Narendra Mohan, Director, National Sugar Institute, Kanpur., **Dr B K Yadav**, Managing Director, Uttar Pradesh Co opearitve Sugar Factories Federation Ltd.,, **Mr Sanjay Awasthi**, President,STAI & **Mr R V Shirgaokar**, Chairman & Mentor, Ugar Sugar Works Ltd. releasing proceedings of the seminar.

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 details of Pre Congress and Post Congress ,Tours are as under:

Pre Congress Tour

The Pre-Congress tour will start at in the North-Eastern part of Thailand. Delegates will be divided in 2 main groups to visit 2 locations in which sugar cane is grown:

Chaiyaphum Province, the participants will visit **Mitr Phol Sugar Group**, the biggest sugar group in Thailand. Both factory and agriculture activities will be presented including Mitr Phol Innovation and Research Centre which supports its business and small farmers. The delegates have the opportunity to get access through best practices of Factory Management, Energy

Saving , Fully Automated Warehouse Management ,Sustainable Sugar Production , Whole Farm Self Management etc.

Khon Kaen Province, the participants will visit the research activities the Department of Agriculture, Ministry of Agriculture and Cooperatives and also Khon Kaen University including a

Pre XXIX Congress Tour

2-3 December 2016

XXIX ISSCTT Congress

5-8 December 2016

Post XXIX Congress Tour

9-11 December 2016

visit to **KSL sugar group**, the first Thai sugar group registered on the Thai Stock Market

Post Congress Tour

The Post-Congress Tour will start southwards from Chiang Mai to Bangkok over the course of three

days, combining cultural stops and major factory tours.

The post congress tour includes tour to **Thip Sugar Sukhotai** and visiting their sugar production, biomass power, fertilizer production plants respectively and also seeing various aspects of sugarcane delivery and sugarcane field management. The visit shall be followed by an excursion visit to Sukhotai cultural heritage sites ,visiting souvenir shops, dinner on river raft etc.

This is an important international event and we request participation by large numbers of delegates to take advantage from the event. For more details members may log in to ISSCT website at:

www.29issctthailand.com

Sponsors : 74th STAI Annual Convention

The following organizations have confirmed their sponsorship for the 74th Annual Convention of STAI

Principal Platinum Sponsor: ISGEC Heavy Engineering Limited

Platinum Sponsor: S S Engineering

DCM Shriram Ltd. (DSCL Sugar & Fenesta Windows)

Diamond Sponsor : DCM Shriram Industries Ltd. (Daurala Sugar Works)

Gold Sponsor: GEA Westfalia Separator India Pvt. Ltd.

Silver Sponsor: Triveni Turbine Limited

Bronze Sponsor: S J Industries

Members Corner

Obituaries

The following esteemed members of the Association passed away in the last few months :

- Mr. Indubhai C Patel, Patron Member & Past President
- Dr. N.A. Ramaiah – Hon. Fellow Member
- Mr. Appasaheb SR Patil, Patron Member
- Mr. S.C. Jolly – Life Member
- Mr. B.B. Nikam, Life Member
- Mr V.S Shekdar, Life Member

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Secretary : Mr Amit Khatter

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