



STAI e News Letter

Volume 5, Issue 15, 10 July 2019

From the Desk of President

Dear Member,

The Indian Sugar Industry created another milestone with a record sugar production of 32.95 MT in 2018-19 against production of 32.5 MT in 2017-18. The consumption remained muted at 26 MT. Because of record sugar production in the two back to back sugar seasons, the opening stock as on 1st October 2019 is going to be at an all time high of 14.5 MT.

As per the advance estimates released by ISMA for the sugar season 2019-20, the country would produce around 28.5 MT of sugar which would be about 4.4 MT lower than the current 2018-19. This is because of the drought in parts of Maharashtra and Karnataka, two important sugarcane growing states in the country.

With abundant availability of sugar in the country, the industry may not see revival in sugar prices in near future. Friends, it is time to ponder upon measures to be taken/innovate new product line for revival of Sugar Sector. There could be no better time and place to deliberate the above issues threadbare than the **77th Annual Convention & Sugar Expo 2019 of STAI** which is scheduled from 17-19 July 2019 at the state-of-the-art Biswa Bangla Convention Centre, Kolkata.

The STAI Council has worked out an interesting and invigorating programme for the Convention. To make the programme **interesting and exciting for the delegates, few new initiatives are also being introduced during this convention**. The details of the same are given on subsequent pages of the newsletter



Mr Sanjay Awasthi , President, STAI

On behalf of the STAI Council and on my personal behalf, I extend a very warm welcome to all the participants and look forward to welcoming you to Kolkata

With regards,

SANJAY AWASTHI

Highlights: 77th STAI Annual Convention and International Sugar Expo 17-19 July 2019, Kolkata

SN Gundurao Memorial Lectures on 17 July

- **Sugar Industry...What's Next ?** by Dr. G.S.C. Rao, MD ,Global Canesugar Services
- **Food Safety Act and Indian Sugar** by Dr (Mrs) Vasudha Keskar, MD, Maarc Labs

Mangal Singh Memorial Lecture on 18 July

- **Indian Sugar Industry : As I Look at it** by Mr Narendra Mohan, Director, NSI

Presentation of Research Papers

- 66 research papers (27 in Sugarcane Agriculture, 13 in Factory Engineering, 11 in Factory Processing and 15 in Co-Products) will be presented in two parallel sessions on 18th and 19th July 2019.

Sugar Expo 2019 – Around 50 leading technology providers from India and abroad will be showcasing their latest technologies, products & services

Inside this issue:

<i>77th Annual Convention: New Initiatives</i>	2
<i>77th Annual Convention: Programme Schedule</i>	3-4
<i>77th Annual Convention: List of Accepted Papers</i>	5-6
<i>77th Annual Convention: List of Exhibitors</i>	7
<i>77th Annual Convention: List of Sponsors</i>	8
<i>XXX ISSCT Congress</i>	9
<i>Members' Corner , Other Activities</i>	9

77th STAI Annual Convention and International Sugar Expo 2019 : New Initiatives being undertaken this year :

NEW INITIATIVES

To make the programme of the Convention interesting and lively for the delegates, the STAI Council as a new initiative decided to introduce the following awards :

1. Best Participating Delegate

2. Most Attentive Participant

3. Quiz Contest

The above awards will be **exclusively for the participating delegates attending the technical sessions** – Sugarcane Agriculture, Factory Session and Co-products Session as per the programme. The guidelines for the awards are given below :

- **The Best Participating Delegate** award will be given to the participant attending the technical session and will be decided by the Chairman & Co-Chairman through lucky draw. All the delegates will put a slip of their name in the bowl placed in the hall (technical session). The Chair & Co-Chair will take out the draw at any moment during technical session. **The award will be given to the lucky winner present during the technical session.**

- **The Most Attentive Participant Award** will be given to the delegate answering the questions put up by the Chairman & Co-Chairman during the technical session. The timing of the contest will be decided by the Chair & Co-Chair at their own discretion any time during the session.

- **Quiz Contest** - There will also be a quiz contest for the participants that will take place in all the 3 sessions at different timings. 10 questions will be put up to the delegates and the participant giving right answer will be given the prize.

TRANSPORTATION ARRANGEMENTS

For the convenience of the delegates, Association has made arrangement of AC Coaches for the transfer of the delegates from the official hotels to the Convention Centre and back :

17th July 2019

0830-0900	Proceed to Convention Centre from respective official Hotels
1400-1500	Trip to respective Hotels and back to Convention Centre
1930-2000	Immediately after the Cultural Programme the delegates will be transferred from the Convention Centre to Hotel Novotel for Cocktails and Dinner
2200-2215	Transfer to Official Hotels after Cocktails and Dinner

18th July 2019

0845-0915	Proceed to Convention Centre from respective Official Hotels
1730-1745	Transfer from Convention Centre to respective Official Hotels

ENTRY RESTRICTIONS

Delegates may kindly note that for security reasons, Entry to the Convention Centre shall be for the registered delegates or accompanying persons after showing details of their participation to the Convention. To avoid inconvenience, the delegates are requested to carry either registration form/payment receipt or any other communication showing their participation.

On 16th July 2019 from 1700 to 1900 hrs the delegates can collect their badges/delegate kits from the registration counter at Biswa Bangla Convention Centre. From 17-19 July 2019, the delegates will be required to wear/show the registration badges for the entry to the convention centre and at lunch/dinner counters.

77th STAI Annual Convention and International Sugar Expo 2019 : Programme Schedule

Tuesday, 16 July 2019

1630 – 1830 - Pre Registration

Wednesday, 17 July 2019

0830 – 1000 - Welcome Tea/Coffee & Registration of Delegates
 1000 – 1230 - Inauguration & Distribution of Awards
 1230 – 1245 - Inauguration of the Sugar Expo 2019 and visit to stalls by the Chief Guest
 1245 – 1400 - Lunch
 1400 – 1600 - **S.N. Gundurao Memorial Lecture**

Chairman : **Mr Sanjay Awasthi**, President, STAI
 Co-Chairman : **Dr Bakshi Ram**, Director, ICAR-SBI, Coimbatore
Mr R L Tamak, ED (Sugar), DCM Shriram, Ltd.

1. **Sugar Industry...What's Next ?** by Dr. G.S.C. Rao, MD , Global Canesugar Services Pvt. Ltd., New Delhi
2. **Food Safety Act and Indian Sugar** by Dr (Mrs) Vasudha Keskar, MD, Maarc Labs Pvt Ltd

1600 – 1730 - **Technology Providers Session**

Chairman : **Mr S M Sharma**, Life Member, STAI
 Co-Chairman : **Mr Pradeep Tyagi**, Council Member, STAI

1730 – 1800 - Tea/Coffee

1800 – 1930 - **Cultural Programme** by

Ms Sulagna Ray and Troupe : Odissi Dance
 Pandit Tarun Bhattacharya : Santoor Vadan
 Ms Suprova Mukherjee : Kathak Dance
 Mr. Deepu Srivastava : Comedy Performance
 Ms. Swara Tripathi : Dance

1930 – 2000 - Transfer of Delegates to Hotel Novotel for Cocktails/Dinner
 2000 – 2200 - Cocktails/Dinner
 2200 – 2215 - Transfer of Delegates to respective Hotels

Thursday, 18th July 2019

0930 – 1130 - Presentation of Technical Papers in following two parallel sessions :

Sugarcane Agriculture Session - Session I

Chairman : **Mr R K Gangwar**, ED(Operations), Mawana Sugars Ltd.
 Co-Chairman : **Dr R S Hapase**, Principal Scientist, ICAR-SBI, Coimbatore
Dr Priyanka Singh, Scientific Officer, UP Council of Sugarcane Research, Shahjahanpur

0930 – 1030 **Factory Session- Mangal Singh Memorial Lecture**

“**Indian Sugar Industry : As I Look at it**” by Mr Narendra Mohan, Director NSI , Kanpur. This will be followed by presentation of research papers in Factory Session-I

Chairman : **Mr G Venkateswara Rao**, Vice President, STAI
 Co Chairman : **Mr E Muthuvelappan**, Council Member, STAI
Mr Anup Kesarwani, Vice President, STAI

77th STAI Annual Convention and International Sugar Expo : Programme Schedule Contd...

1030 – 1130		Factory Session	-	Session I
		In various Factory Sessions, alternate papers from engineering and processing will be taken up for presentation.		
		Chairman	:	Dr R V Dani , Technical Advisor & Head (ST), VSI Pune
		Co Chairman	:	Mr Anurag Goyal , Council Member, STAI Dr V P Sidanale , Council Member, STAI
1130 – 1200	-	Tea/Coffee		
1200 – 1330	-	Presentation of Technical Papers to continue :		
		Sugarcane Agriculture Session	-	Session II
		Chairman	:	Dr APS Mann , Former Dean, Punjab Agricultural University, Ludhiana
		Co Chairman	:	Dr Rajesh Kumar , Principal Scientist, ICAR-IISR, Lucknow Mrs Sudha D Ghodke , Scientific Officer, VSI, Pune
		Factory Session	-	Session II
		Chairman	:	Mr D Swain , Prof-Sugar Engineering, NSI, Kanpur
		Co Chairman	:	Mr B R Arya , Managing Director, Gandevi SKUM Mr HPS Bhatia , Director, Chadha Sugars & Industries
1330 – 1430	-	Lunch		
1430 – 1730	-	Presentation of Technical Papers to continue :		
		Sugarcane Agriculture Session	-	Session III
		Chairman	:	Mr C N Deshpande , President, Jaywant Sugars
		Co Chairman	:	Mr Kuldeep Kumar , Council Member, STAI Dr G Hemaprabha , Principal Scientist ICAR SBI, Coimbatore
		Factory Session	-	Session III
		Chairman	:	Mr R V Vatnal , Group Technical Advisor, Nirani Group of Industries
		Co Chairman	:	Mr A H Patel , Council Member, STAI Mr H C Joshi , Unit Head, Bajaj Hindusthan Sugar, Rudhauri
1730 – 1800	-	Tea/Coffee		
1800	-	AGM		
Friday, 19th July 2019				
0930 – 1330	-	Presentation of Technical Papers :		
		Factory Session	-	Session IV
		Chairman	:	Mr D K Goel , Hon. Editor, STAI
		Co Chairman	:	Mr J K Kharbanda , Senior Vice President, Isgec Heavy Engineering Ltd. Mr G V Chaturvedi , Council Member, STAI
		Co-Products Session	-	Session I
		Chairman	:	Mr D M Raskar , Council Member, STAI
		Co Chairman	:	Dr Deepali Nimbalkar , Senior Scientist and Head Dept. of Environmental Sciences, VSI, Pune Mr Ajay Awasthi , Vice President, Turbotech Engineers
1330 – 1430	-	Lunch and end of Convention		

77th STAI Annual Convention and International Sugar Expo : List of Accepted Research Papers

SUGARCANE AGRICULTURE SECTION

1. Evaluation of Performance of Early and Midlate Clones for Maharashtra by J.M. Repale & R.S. Hapase
2. Identification of Sustainable Sugarcane Varieties Suitable for K M Sugar Mills, Motinagar by R.K. Singh, S.C. Agarwal, A.K. Tripathi & D. Agrahari
3. Stability of Performance of Yield and Quality Characters in Sugarcane by R.S. Hapase & J.M. Repale
4. Assessment and Analysis of Genetic Improvement in Sucrose(%) of Sugarcane Elite Clones Evaluated in India by Rajesh Kumar, A.D. Pathak & Bakshi Ram
5. Elucidation of the Role of Chromosomes in Adaptability of Sugarcane Genotypes to Subtropical Conditions by Sangeeta Srivastava, A.D. Pathak & Rajesh Kumar
6. Co 10026 (UPAHAR) – An Early High Yielding Variety for Peninsular Zone by S. Alarmelu, R.M. Shanthi, A. Anna Durai & Bakshi Ram
7. Field Performance of Short Duration Maturity Clones at Multilocations in Tamil Nadu by G. Hemaprabha, C. Appunu & Bakshi Ram
8. Improvement of Sugarcane Productivity in Terms of Cane Yield and Sugar Recovery through Soil Ameliorate Activities by G. Venkateshwara Rao, V. Venkateshwara Rao, M. Rama Mohana Rao & T. Sreelatha
9. Nutritional Deficiencies Symptoms and its Management in Sugarcane by R.P. Srivastava
10. Isolation & Identification of Potash Mobilizing Bacteria and its Effect on Growth of Sugarcane Crop by K.G. Nigade & S.D. Ghodke
11. Plant Growth Regulators (PGRS) for Enhanced Yield and Quality of Sugarcane by P.V. Ghodke & A.S. Patil
12. Dhanzyme Granule - An Effective Organic Manure for Increasing Sugarcane Productivity by R.P. Srivastava & O.P. Singh
13. Identification of Potential Sources for Nitrogen Use Efficiency in Sugarcane by K. Mohanraj & T. Manjunatha
14. Use of STCR Technology and Biofertilizer for Sustainable Soil Fertility and Sugarcane Productivity by P.S. Deshmukh, J.P. Kharade & S.A. Surwase
15. Benefits & Economics of Intercropping with Autumn & Spring Planted Sugarcane by Karanjeet Singh Dhaliwal
16. Intercropping Studies in Pre Seasonal and Seasonal Sugarcane by B.Y. Kongawad, A.M. Jambagi, M.S. Kopp & V.C. Patil
17. Utilization of Bagasse Ash in Sugarcane Agriculture by D.B. Phonde, R.R. More & K. Banerjee
18. Studies on Termite Control in Sugarcane Crop Under Integrated Pest Management (IPM) in Gate Area of DSCL Sugar Rupapur by R.L. Tamak, Raja Srivastava & Balbir Singh
19. Effect of Chitosan-Silver Nano-Composit with Trichoderma Viridae on Ceratocystis Paradoxa by Tasmiya Shaikh, S.G. Dalvi, P. Suprasanna & B.H. Pawar
20. Bio Herbicidal Potential of Micro Organisms against Parthenium Hysterophorus by Mrudula A. Patil, Manish W. Pawar & Sudha D. Ghodke
21. Ceratocystis Fimbriata – A New Pathogen Causing Sett Rotting in Sugarcane by D.L. Bhagat, B.H. Pawar & S.G. Dalvi
22. Irrigation Water and Land Utilization Efficiency as Influenced by Potato Intercropping in Sugarcane by Rajendra Gupta & A.K. Singh
23. Impact of Sugarcane Trash on Irrigation Water Use Avoidance and Greenhouse Gases Reduction at Farm Level by Rajpal Singh, Suparna Jain, Raja Srivastava & Alok Pandey
24. A Case Study of Sub - Surface Drainage (SSD) Project on Saline Soil Reclamation and its Effect on Sugarcane Production and Productivity Implemented by Shree Datta Shetakari SSK by Ganapatarao A. Patil, M.V. Patil, S.S. Heganna & A.S. Patil
25. Improving Sugarcane Productivity through Subsurface Drip Irrigation by P.P. Shinde
26. Stabilized Ortho Silicic Acid Impacts Pre and Post Harvest Quality Attributes of Plant and Ratoon Sugarcane by Priyanka Singh, Neeru Jain, Amit Bhatnagar & J. Singh
27. Adoption of Efficient Planting Techniques Involving Intercropping Systems in Autumn Planted Sugarcane for Enhanced Productivity and Profitability in Indian Sub-Tropics by S.N. Singh, A.D. Pathak, Pushpa Singh & S.R. Singh

FACTORY ENGINEERING SECTION

1. Improvement in Mill Performance by Installation of Higher Size Underfeed Roller and Modification in Milling Tandem by A.K. Dwivedi, D.S. Nikam & P.R. Ghundre
2. A review on Cane Preparation & Milling Efficiency by D. Swain
3. Recent Experiences in Energy Efficient Milling by CH. S.N. Sreenivasa & J.K. Kharbanda
4. Techniques to achieve Lower Moisture in Bagasse by K.B. Kale & M.B. Londhe
5. Hybrid Model of Bagasse Dryer – A Case Study at Daurala Sugar Works by Rajesh Verma & Prakhar
6. Approach to Minimum Utilities – A Case Study by Sandeep Tour, V. K. Tripathi & Arjun D. Mane

77th STAI Annual Convention and International Sugar Expo : List of Accepted Research Papers Contd...

7. Improving the Energy Efficiency in KCP Sugars by G. Venkateswara Rao, K. Sri Hari Babu & A. Swamy
8. Tulsipur Unit: Journey towards Upgradation by Yogesh Kumar Singh, P K Mishra & Yogendra Singh Bisht
9. Efficacy of Planetary Gearbox in Sugar Plant by Suryanarayana Sastry S., R.A. Chandgude, P.G. Patil & U.A. Kulkarni
10. Advantages of Using Stainless-Steel Ferritic Grade 439 Tubes in Sugar Industries - A Case Study by Jaideep Jain, S.S. Tyagi, Rahul Gaur & Rajeev Gupta
11. Implementation of Total Productive Management by P.K. Sarkar & Sudhir Kumar Singh
12. Selective Maintenance – A Futuristic Approach by Ravi Srivastava
13. Optimum Imbibitions at Mills-Through Effectiveness by C.V. Singh, & Shubham Rathaur

FACTORY PROCESSING SECTION

1. Performance of Plate Type Melt Concentrator-An Overview by Sanjay Tripathi, Harsh Vardhan & Sammer Choudhary
2. Special Features and Working Results of Isgec Vertical Continuous Vacuum PAN (i-VCP) by Sanjay Awasthi, Jitendra Chavan, Anurag Goyal & Gaurav Awasthi
3. Tubular Juice Heater Performance Improvement Work in Indian Sugar Industry: A Review by M.B. Londhe, A. Gurunatha & R.B. Khandgave
4. Post Harvesting Management and Microbial Contamination Control by S. Panda, R.N. Bhosale, R.R. Patil & R.V. Dani
5. Optimisation of White Sugar Colour with Online-colour Monitoring System (COLOBSERVER®) by Sanjay Awasthi, Rajesh Srivastava & Awanish Kumar
6. Colour formation in Falling Film Evaporators (FFE): A Case Study by Sushil Kumar
7. Sugar Drying Experience at Triveni Engineering & Industries Limited by Rajesh Singh
8. Effect of SO₂ Content on Keeping Quality of Sugar by V.P. Sidnale
9. Selection of pH for Measurement of Sugar Solution Colour by Kaman Singh, Prashant Mishra & Ashok Kumar
10. Role of Instrumentation in Boiling House by R.R. Ijate, G.V. Harale, A.B. Khatke & B.G. Chavanke
11. Maximizing Exhaustion at PAN Station by Adjusting Process Parameters with Advancement of Season by Ramesh Chand Agarwal

CO-PRODUCTS SECTION

1. Bio Energy from Filter Cake by Sanjay Awasthi, Seema Paroha & Narendra Mohan
2. A Viable Technology to Treat Sugar Plant Effluent Along with Spray Pond Effluent by Anoop Singh, Pradeep Tyagi, Harsh Vardhan, Mark Silvius & Suchit Dekivadia
3. A Case Study of Injection Channel/Spray Pond Overflow Treatment Plant at UPSCL by Eknath Alhat, Kapil Uphade, S.S. Chauhan & Deepali Nimbalkar
4. New Technologies for Achieving Lowest Steam Consumption and Zero Effluent Discharge in Molasses and Grain Distilleries by Sanjay Desai & Sandeep Chichbankar
5. A Way Forward to Achieve More Revenues from Sugar Plant 'Concept of Bio-Refinery' by Sanjay Awasthi, Anurag Goyal & Deepti Mishra
6. Valorization of Sugarcane Bagasse Hydrolysate as A Potential Feedstock to access Cosmetic Ingredients by Narendra Mohan, Vishnu Prabhakar Srivastava & Tushar Mishra
7. Alternate Feed Stock for Bio-ethanol: An Assessment for Sustainable Energy Development by R.B. Khandgave, N.R. Yekkeli & J.B. Sutar
8. Utilization of Sugarcane Bagasse as Dietary Fibre by Neelam Chaturvedi, V.P. Srivastava, Seema Paroha & Narendra Mohan
9. Zero Liquid Discharge & Zero Ash Discharge by Producing Farmers Friendly Organic Potash by A. Krishna
10. Zero Water Consumption, Zero Liquid Discharge and Production of Potable Water in The Sugar Industry Gurunatha A., R.B. Khandgave, Pradeep Kumar H.S., & Abhishek A. Kulkarni
11. Coagulation and Drying of Bio-Methanated Spentwash to Recover Potassium and to achieve Zero Liquid Discharge by Mohan K. Dongare
12. Technical Performance Analysis-A Case Study of Karmaveer Ankushrao Tope Samarth Sugar Factory by Dilip S. Patil, Dhananjay Kumar Vatsyayan, & Ashish Deshmukh
13. High Recovery of Ethanol from Molasses by Gallionella Bacterial Iron Assimilation by Anil Kumar Gupta & Ranmeet Bhalla
14. Bag Filters for Spent Wash Incineration Application by T. Venkat Naresh & B. Shreekanta Aradhya
15. Characteristics of Effluent of Sugar Industry with Reference to Trace Metals – by Ashok More & Bharat Gidde

77th STAI Annual Convention and International Sugar Expo : List of Exhibitors

Abhitech Energycon Ltd.	Mega Engineering
Alfa Laval India Private Limited	Mesh Solution
Alpcord Network	MM Enviro Projects Pvt. Ltd.
Associated Jute Industries	Navin Engineering
Avant-Garde	Netzsch Pump & Systems - India
Bechem Lubrication Technology	PPI Pumps Pvt. Ltd.
Calsens Private Ltd.	Premium Transmission Private Limited
Catalysts Biotechnologies Pvt. Ltd.	Privilege Bikson Boilers Pvt. Ltd.
Chini Mandi	PSP Pumps Private Limited
CNH Industrial (India) Pvt. Ltd.	Puri Industries
Divine Tubes Pvt. Ltd.	Rhewum India Pvt. Ltd.
Enviropol Engineers Pvt. Ltd.	Risansi Industries Ltd.
Essen Welding And Alloys Pvt. Ltd.	Shrijee Process Engineering Works Limited, Mumbai
Excel Engineers & Consultants	Sitson India Pvt. Ltd.
Fives Cail-KCP Ltd	Solenis
Forbes Marshall Pvt. Ltd.	Spx Flow Technology India
Galaxy Industrial Equipments Pvt. Ltd., Pune	Sugar Times
Global Cane Sugar Services Pvt. Ltd., New Delhi	Sugarnpower Projects Private Limited
Helios Infracore Private Limited	Suzalkem Technologies Private Limited - Hyderabad
Indiana Sucro-tech (Pune) Pvt. Ltd.	Tata Steel Limited
Indo Pump / Indo Seals	Three Star Engineering Works Pvt. Ltd.
Isgec Heavy Engineering Ltd.	thyssenkrupp Industries India Pvt. Ltd.
Jindal Stainless Ltd.	V S Projects & System Engineers Private Limited
Kirloskar Brothers Limited	Varuna Biocell Private Ltd.
Magicand Green Energy Pvt. Ltd.	Vasantdada Sugar Institute, Pune
Matz Pumps Private Limited	VRL Automation Engineering & Projects Pvt. Ltd.

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XXX ISSCT Congress, 2-5 September 2019, Tucumán, Argentina

The **XXX Congress** of ISSCT is being organized by SATCA (Argentine Society of Sugar Cane Technicians) in Tucuman, located in northwest Argentina from **2-5 Sept. 2019**.

Congress Programme

The programme includes plenary sessions and presentations of research papers during the day from 2nd Sept. to 5th Sept, 2019. It shall also include the following social activities:

- **Welcome Cocktail : Sunday, 1 September, 2019**
- **Gala dinner : Tuesday, 3 Sept.**
- **Farewell Dinner : Thursday 5 Sept**

Pre Congress Tour

- The Pre-Congress tour will be held in Tucuman from **31 August 2019 to 1 September 2019**. It includes visit to institutions, mills and fields related to Sugarcane Industry.

Upcoming International Events

- 66th PHILSUTECH Annual National Convention August 12 - 16, 2019 Waterfront Hotel, Lahug, Cebu City, Philippines
- Fenasucro & Agrocana, 20-23 August 2019, Sertãozinho, Brazil
- SASTA Congress 2019, 20-22nd August 2019, ICC, Durban.
- ISSCT Management Commission Workshop, 2-5 September 2019, Tucuman, Argentina

Hon. Editor : Mr D K Goel

Secretary : Mr Amit Khatter

The Pre-Congress Tour will cost an additional USD 200 per attendee.

Post Congress Tour

- The Post congress tour will be held in Salta and Jujuy from **6 to 8 September 2019**.
- The Post-Congress Tour will cost an additional USD 500 per attendee.

Visa Assistance

The ISSCT XXX Congress Organising Committee (COC) has conveyed to all delegates that due to a formal request made by the Argentinian Ministry of Foreign Affairs, every person requesting a visa to enter Argentina **must without any exception whatsoever** send an e-mail to secretary@issct-argentina2019.com providing the following details:

- Surname/s, Names/s (as appear in Passport)
- Place/Country of passport issue

- Passport Number
- Nationality
- Personal email

A confirmation mail will be sent back upon receipt of the above information. These delegates will be included in a list to be presented to Ministry of Foreign Affairs and then sent to all Argentinian Consulates and Embassies to assure an easier process. Also, this list will be sent to Migrations Office in order to avoid delays at the airport when entering Argentina. The list will be sent by 15th and 31st July; 14th and 28th August. For requirement of an entry visa into Argentina, please click on the following link <http://www.migraciones.gov.ar/accessible/indexA.php?visas>

For more details members may log on to following websites :
www.issct.org
www.issct-argentina2019.com

3rd STAI Council Meeting

- The 3rd meeting of the STAI Council was held on 18 June 2019 at STAI Office, Delhi. The Council discussed & reviewed progress of arrangements for 77th Annual Convention to be held at Kolkata along with other activities to be organized in the coming months.



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The Sugar Technologists' Association of India

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