



STAI e News Letter

Volume 3, Issue 7, 21 July 2017

From the Desk of President

Dear Member,

Greetings!

It is pleasure to share with you the activities of the Association and developments taking place in the global sugar industry through this edition of STAI e-Newsletter.

The global and national sugar scenario have changed dramatically in the past couple of months. The global sugar prices have fallen drastically due to turnaround in sugar production in major sugar producing countries. If the prices fall further, even at the current 50% import duty, raw or even refined sugar could be easily and profitably imported into India.

At domestic front, the sugar industry ended the season 2016- 17 by producing 20.03 million tonnes of sugar.

The sugar production in season 2017-18 is likely to jump a quarter from season 2016-17 to about 25 million tonnes.

The increase in fair and remunerative price of sugarcane by 11% at Rs 255 per quintal for the season 2017-18 is also going to raise the production cost substantially. The proposed 18% goods and services tax (GST) on ethanol and biodiesel could hurt the prospects of the ethanol blending programme. It is high time that the industry judiciously diversifies into integrated sugar complexes for sustainability.

The Sugar Technologists' Association of India will be organizing its Platinum Annual Convention and International Sugar Expo 2017 at state-of-the-art convention centre at Hotel Le Meridien, Kochi from 03-05 August 2017. We are getting an overwhelming response for the event from all the stake holders – authors, exhibitors, delegates and sponsors.

The STAI Council has worked out a good programme which shall be of interest to all the participants.



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 Kochi!

Warm Regards,

Sanjay Awasthi

75th STAI Annual Convention and International Sugar Expo 2017 ,3rd-5th August 2017,Kochi :Highlights

•**SN Gundurao Memorial Lecture: Aspects of Sugarcane Milling** by Dr. Geoffery Kent, Principal Research Fellow, Queensland University of Technology, Australia.

•**Mangal Singh Memorial Lecture: Integrated Project Model with Advanced Technological Options** by Mr. M.S. Sundaram, Managing Director, JP Mukerji & Associates

•**Technical Presentations** – 79 research papers will be presented in three parallel sessions.

•**Plenary Session: Highlights of the 29th ISSCT Congress** held at Chiang Mai, Thailand. There shall be 5 eminent speakers covering Biology, Agriculture, Factory Engineering, Factory Processing & Co Products

•**Sugar Expo 2017** – Around 60 leading technology providers from India and abroad shall showcase latest technologies/services being offered by them.

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75th STAI Annual Convention and International Sugar Expo : Programme Schedule

Wednesday, 2nd August 2017

1500-1800 - Pre Registration

Thursday, 3rd August 2017

0800 – 0930 - Welcome Tea/Coffee & Registration of delegates

0930 – 1000 - Assembly in main hall and escorting dignitaries on the dais

1000 – 1230 - Inauguration and award ceremony

- National Anthem

- Lighting of the Lamp & Inauguration of the Convention

- Welcome address by Mr. Sanjay Awasthi – President STAI

- Address by Mr. Ranjit Puri, Chairman, Saraswati Sugar Mills

- Release of Publications by the Chief Guest H.E. Justice (Retd) P. Sathasivam, Hon`ble Governor of Kerala

- Distribution of Awards by the Chief Guest and other dignitaries:

◆ Life Time Achievement Awards

◆ Industry Excellence Awards

◆ Isgec Gold Medal, Engineering for Excellence

◆ J.P. Mukherji Gold Medal

◆ Dr. Bansi Dhar Gold Medal

◆ Noel Deer Gold Medal

◆ STAI Silver Medals

- Address by various dignitaries

- Address by Chief Guest

- Vote of thanks by Vice President, STAI

- National Anthem

1230 – 1300 - Inauguration of International Sugar Expo 2017 by the Chief Guest and other dignitaries and visit to stalls

1300 – 1400 - Lunch

1400 – 1515 - **S.N. Gundurao Memorial Lecture :Aspects of Sugarcane Milling**
Speaker: Dr. Geoffery Kent, Queensland University of Technology, Australia

Chairman: Mr D K Goel, Hon. Editor, STAI

Co-Chairman: Mr K P Singh, Group Head-Operations, Balrampur Chini Mills

75th STAI Annual Convention and International Sugar Expo : Programme Schedule

- 1515 – 1730 - **Plenary Session :Highlights of the 29thISSCT Congress** held from 5-8 December 2016 at Chiang Mai, Thailand
- Chairman: Prof. Narendra Mohan, Director, NSI, Kanpur
- Co-Chairman: Mr Sanjay Awasthi, President, STAI
- List of Speakers:**
- **Biology Commission:** Dr. G.P. Rao, Principal Scientist, Division of Plant Pathology, Indian Agricultural Institute, Delhi
 - **Agriculture Commission:** Mr. S.K. Sachdeva, Chief Operating Officer, Saraswati Sugar Mills, Haryana
 - **Factory Engineering Section:** Dr. Goeffery Kent, Queensland University of Technology, Australia
 - **Factory Processing Section:** Prof. Narendra Mohan, Director, National Sugar Institute, Kanpur
 - **Co-products Commission:** Dr. V.P. Srivastava, Asst. Professor, Organic Chemistry Division, National Sugar Institute, Kanpur
- 1730 – 1800 - Tea/Coffee
- 1900 - Cultural Evening followed by cocktails and dinner

Friday, 4th August 2017

- 0930 – 1300 - **Presentation of Technical Papers in following 3 parallel sessions:**
- Sugarcane Agriculture Section - Session I**
- Chairman: Mr R L Tamak, Executive Director (Sugar), DCM Shriram Ltd.
- Co-Chairman: Dr G P Rao, Principal Scientist, IARI, Delhi
- Co-Products and Management Section - Session I**
- Chairman: Mr Sanjay Desai, Managing Director, Excel Engineers
- Co-Chairman: Mr Ajay Awasthi, GM (Distillery), Shri Saipriya Sugars
- Mr D.M. Raskar, CEO, Shreenath Mhaskoba Sakhar Karkhana
- Factory Section- Session I**
- Chairman: Mr R V Vatnal, Advisor, Nirani Sugars
- Co-Chairman: Mr P S Srivastava, Managing Director, Enmill Technologies
- The session will start with Mangal Singh Memorial Lecture :Integrated Project Model with Advanced Technological Options** by **Mr M S Sundaram**, Managing Director, JP Mukherji and Associates. The duration of lecture will be for 45 minutes and will be followed by Technical Papers
- This year as a new initiative the Factory Engineering and Factory Processing have been combined into a common **Factory Section** in which alternate papers from engineering and processing will be taken up for presentation.

75th STAI Annual Convention and International Sugar Expo : Programme Schedule

1300 – 1400	-	Lunch
1400 – 1630	-	Presentation of Technical Papers :
		-Sugarcane Agriculture Section - Session II
		Chairman: Dr S Solomon, Vice Chancellor, CSUAT, Kanpur
		Co-Chairman: Dr J P Singh, Chief Cane Advisor, National Federation of Coopt. Sugar Factories
		-Factory Section - Session II
		Chairman: Mr N Prabhakar, Vice President, Navbharat Ventures
		Co Chairman: Mr Jasbir Singh ,Technical Advisor, National Federation of Coopt. Sugar Factories
1630-1730		-Technology Providers Section
		Chairman: Mr Pankaj Rastogi, COO, Dalmia Sugars
		Co-Chairman: Mr A K Malik, Technicial Advisor, Haryana Federation of Coopt. Sugar Mills
1730 – 1800	-	Tea/Coffee
1800 -		AGM
Saturday, 5th August 2017		
0930 – 1300	-	Presentation of Technical Papers :
		-Sugarcane Agriculture Section - Session III
		Chairman: Mr S K Sachdeva, COO, Saraswati Sugar Mills
		Co-Chairman: Mr R K Gangwar, Operations Head (Sugar), Mawana Sugars
		-Factory Section - Session III
		Chairman: Mr N Chinnapan, ED, Dhanalakshmi Sugars
		Co-Chairman: Mr HPS Bhatia, Director, Chadha Sugar & Industries Mr S M Sharma, President, Kesar Enterprises
1300- 1400	-	Lunch and end of Convention

75th STAI Annual Convention and International Sugar Expo : List of Accepted Papers

Sugarcane Agriculture

1. Satellite Mapping - A Scientific Approach for Sugarcane Crop Area Estimation by Deep Malik
2. Genetic Improvement in Elite Clones of Sugarcane Evaluated under All India Coordinated Research Project on Sugarcane in India by Rajesh Kumar, A.D. Pathak & Bakshi Ram
3. Single Bud Planting-A Low Cost and High Yielding Technology by P. Ashok Kumar & K. Subramanian
4. Sugarcane Based Interventions to Double Farmers' Income vis-à-vis to Enhance Sugar Recovery-A Case Study by A.K. Sah & A.D. Pathak
5. Avenues to Double the Sugarcane Farmers' Income by the Year 2022-Integrated Farming System is Steering the Earning Wheel Under Subtropical Indian Conditions by A.K. Singh, A.D. Pathak & Ekta Singh
6. Integration of Sugarcane Production Technologies for Enhanced Cane and Sugar Productivity Targeting to Doubling of Farmers Income: Strategies and Prospects by Priyanka Singh, S.N. Singh, A.D. Pathak, B.L. Sharma & S. Solomon
7. Studies on Improving Crop Productivity and Farmers Income through Intercropping in Sugarcane Based Systems in India by A.K. Tripathi, S. Solomon & S.K. Shukla
8. Foliar Sprays of Seaweed Extract on Growth, Yield and Quality of Sugarcane by Preeti Deshmukh and D.B. Phonde
9. Standardization of Method of Establishment and Row Spacing for Sugarcane Seedlings by P. Thimmegowda, T.E. Nagaraja & V.N. Patel
10. Variability, Heritability and Genetic Advance for Sugarcane Yield and Quality Components at three stages of selection in sugarcane by M. Charumathi & N.V. Naidu
11. Evaluation and Selection of Promising Sugarcane Genotypes Suitable for Tamilnadu Mills Through AICRP Scheme by S. Rajeswari, A. Lourdusamy & S. Raghu
12. Effect of Environmental Parameters During Hardening of Micropropogated Sugarcane Genotypes by T.E. Nagaraja, Sapna M.A. & Neelangava V. Navali
13. Studies on Performance of Promising Sugarcane Genotypes in North-East Maharashtra by J.M. Repale, R.S. Hapse & D.S. Pawar
14. CoVSI03102 sugarcane variety for high rainfall zone of Maharashtra by R.S. Hapse, J.M. Repale and D.S. Pawar
15. Quality Seed Production in Sugarcane through Micro Propagation and Two-Tier Nursery System for increasing the Productivity of Sugarcane by Bharathi. M, Basavaraj Galgali & S. Raghu
16. Placement Methods, Levels and Splitting of Potassium in Sugarcane to Maximize Cane Yield in Tropical India by G. Madhu, R.B. Khandagave & S.I. Halikatti
17. Mechanized Cultivation in Sugarcane Crop by P.P. Shinde
18. Impact of Single Bud transplanting by Zig-Zag Trench Planting Method with Drip Irrigation by Ashish Tripathi, Kuldeep Kumar & Randhir Singh
19. Biological validation of Bt Sugarcane for the detection of Cry Protein using ELISA by R.K. Singh, J. Rastogi & B.L. Sharma
20. Sustainable Sugarcane Cultivation focusing on Soil Health Enhancement by Harsh Vivek, Rajpal Singh & Suparna Jain
21. Gamma Irradiated Chitosan a Wonderful Biostimulant for Sugarcane Yield Improvement by S.G. Dalvi, P.N. Tawar, & P. Suprassana
22. Yield Decline Under Sugarcane Monoculture in Histosols and Its Potential Causes by Hardev S. Sandhu
23. Advanced Cane Production Technologies for Enhancing Productivity and Quality of Sugarcane in Maharashtra State by A.V. Solanke, D.H. Phalke & S.U. Deshmukh
24. Production of An Egg Parasitoid, Trichogramma Chilonis through Entrepreneur (Sugarcane Farmers) and its effectiveness on Sugarcane Internode Borer Chilo Sacchariphagus Indicus (Kapur) by Sankar Manickam, Gowthaman Natarajan & Raghu Sankaran
25. Bio-Efficacy Studies of Pupal Parasitoid, Tetrastichus Howardi on Sugarcane Internode Borer, Chilo Sacchariphagus Indicus (Kapur) by Sankar Manickam, Gowthaman Natarajan & Raghu Sankaran
26. Sugarcane Grassy Shoot Disease: Incidence, Molecular Characterization and Effect on Growth and Juice Quality of Sugarcane in North East Region of India by A.K. Gogoi, Madhupriya, M.K. Kalita, G.P. Rao & P.D. Nath
27. A Simple Approach for Rapid Screening of Sugarcane Genotypes Against Wilt and Induction of Disease Resistance by B.H. Pawar, D.G. Patil & S.G. Dalvi

75th STAI Annual Convention and International Sugar Expo : List of Accepted Papers Contd...

28. Isolation, Identification of Weed Pathogen and Development of Consortium of their Toxins as A Bio-Weedicide for Controlling Weeds in Sugarcane Crop by Rutuja Rajendra More, Sudha Devendra Ghodke & Mrudula Ashok Patil
29. Isolation and Identification of Rhizosphere and Endophytic Microflora in Sugarcane Ecosystem by K. Krishnamma, G. Venkateswara Rao, V.V. Punnarao & Md. Yasmin
30. Divalent Cations Rich Soil for Quality Production of Jaggery-A Case Study by Aneg Singh, Priyanka Singh & B.L. Sharma
31. Effect of in Situ Recycling of Sugarcane Crop and Sugar Industrial Wastes on Soil Carbon Pools under Sugarcane Land use System by D.H. Phalke, M.C. Manna & A.V. Solanke
32. Impact of Sugar Mill Fly Ash on Sugarcane Yield by N.C. Paliwal & G.D. Pandey
33. Simple Method of Polytray Raised Seedlings (PRS) Made Many Things Simple in Sugarcane Cultivation by N Prabhakar, Y Kotaiah & Pamidi Venkateswarlu
34. Effect Of Bio Products Application on Soil Microbial Population, Sugarcane Growth, Yield & juice quality by S.Jayaram & V.Velmurugan

Factory Engineering

1. Competitive Sugar Factory Concepts and Modernizations by Harjeet Singh Bola & Boris Morgenroth
2. Innovative Design Improvements in Milling Tandem for Energy Efficiency and Ease of Maintenance by J.K. Kharbanda & K.P. Vasanthan
3. Modifications in Existing Milling Tandem to get 98 % Mill Extraction by K.B. Kale
4. Fighting Corrosion in Sugar Manufacturing Processes-An overview of Stainless Steel Tubes by Rahul Gaur
5. Case Study - Approach for Continuous Operation of Grid Connected TG Set with major defect developed during Grid Disturbance by Pawan Pal, Kuldeep Kumar & Shailendra Kumar
6. Sugar Warehouse Automation: Minimize loss & maximize output by Brajesh Singh, Virendra Kumar and M.K. Banerjee
7. Multientry Multispray and Multijet Automated Condenser by Jasvinder Singh & Nitin Mital
8. Latest trends in Evaporator Cleaning by Narendra Mohan & Ashutosh Bajpai
9. Achieved 30% Steam Consumption on Cane by Milind P. Chavan
10. Waste to Resource by D. Swain
11. Solar Energy applications in Indian Sugar Industry by K.R. Patil & T.S. Ingle
12. A Study on Comparative Advantages of Bagasse Moisture Reduction vs Reduction of Steam Consumption % Cane by Narendra Mohan, D. Swain & Anoop Kumar Kanaujia
13. Exhaust Steam Condensate Recovery and its Impact on Boiler make up Water and saving of chemical and factory consumption by A.H. Patel, H.I. Tailor & Dilip Jain
14. Energy Saving by Simple Modification & Efficient Use of Vapour by Jasvinder Singh
15. Bagasse Drying Multi – Dimensional Benefits by Rajesh Verma
16. Efficient M.E.E (Six Effect)-A Steam Saving Device by Chhote Lal & K.K. Mishra
17. Steam Reduction at Haidergarh through PTFE (Plate Type Falling Film Evaporator) by K.P.Singh, Yogesh Kumar Singh & Pradeep Kumar
18. Energy Conservation through improved Evaporator Configuration by G. Venkateswara Rao, K. Sri Haribabu ,R. Narendra Kumar ,A.Swamy

Factory Processing

1. Boiling Mechanism in Rising Film Vertical Tube Evaporator by O.P. Thaval, R. Broadfoot & G.A. Kent
2. Improved Design of a Falling-Film Tubular Evaporator with a Maintenance-Friendly Novel Juice Distributor by Anurag Goyal, Gaurav Awasthi & Deepti Mishra
3. Plate Falling Film Evaporator-An Efficient Evaporation Technology by Vivek Verma & Dinesh Kumar Saini
4. Fully Automated Back End Sugar Refinery with Decanter Technology for Scum De-Sweetening by Sanjay Awasthi, Anurag Goyal, Gaurav Awasthi & Nitesh Kumar
5. Performance of Spray Continuous Pan at A Glance by Vivek Verma, Ashok Kumar Nanda & Dinesh Kumar Saini
6. Horizontal Type Continuous Vacuum Pan : An efficient equipment for all grades of Masseccutes-An Overview by N. Gopalakrishnan, Naveen Kumar & Krishna Mohan

75th STAI Annual Convention and International Sugar Expo : List of Accepted Papers Contd...

7. Reducing Steam Consumption at M/s Maa Rewa Sugar by Akhilesh Kumar Goyal, Sudhir Kumar and M.B. Londhe
8. Higher Syrup Brix % in Sulphitation Sugar Mills: Realities by M.B. Londhe & R.B. Khandgave
9. Reduced Preparation Index as a means of comparing efficiency of cane preparatory device by K. Jagadeesh
10. Screening of Hot Raw Juice using Rotary Juice Screen by Chaitanya S. Joshi
11. Green Screen – High Efficiency Sugar Screening through Direct Excitation by Thorsten Middelhof, Mario Gerards & Oliver Pikhard
12. Iron-Chlorogenic Acid interaction and Development of Colour During Sugar Processing by Kaman Singh and Ajay Kumar
13. Application of Enzymes & Sugar Process Chemicals by S.M. Chavan & D.M. Raskar
14. Rheological behavior evaluation of process intermediates for improvement of Processing by Rajesh Singh
15. Centrifuges in the Sugar Industry :Raw and refined & Cane mud processing by Mark Taylor

Co-Products & Management Session

1. Treatment of Sugar Factory Vapour Condensate using Foul Resistant (RO) Membranes, making the Permeate suitable for direct use as Boiler Feed Water by S.K. Sachdeva, K.K. Kapoor & Rajeev Mishra
2. Use of Sugarcane Bagasse as Potential Renewable Feedstock for Production of a Bio-Detergent by Narendra Mohan, Vishnu P. Srivastava & Anushka Agarwal
3. Simultaneous Production of Ethanol in Sugar Mill From Molasses, Bagasse, Cane Trash and other Cellulosic Material along with White Sugar Production by P.N. Singh Sisodia
4. Optimization of Steam Requirement by Energy Integration in Molasses and Grain Distilleries by Sanjay Desai & Sandeep Chichbankar
5. Bio-Fuels – Our Future Fuels by Satindar Kaur & Kamalpreet Brar
6. Comprehensive Study of Suchem DT14 – Bio-additive for Vapour Condensate Treatment - Post MEE for Distillery by Santosh Kumar, Seema Paroha & Srikanteshwara
7. Eco-Friendly CIP for Spent Wash Evaporators by G. Venkateswara Rao, K. Sri Haribabu & G. Sankara Rao
8. Proteolytic Enzymes as a Molasses Preservative by Gautam Kapoor, J.S. Arya & Dharmendra P.
9. Review of High Powered Committee Reports of Sugar Industry in India by N.K. Shukla & M.K Biswas
10. Cost Reduction in Sugar Mill: A Case Study by Dilip S. Patil
11. Analysis of Financial Statements in the Sugar Industry by Dilip S. Patil, J.N. Mohanty & Sanjay Agarwal
12. The Comprehensive and Global Practices on HR Management to enhance Productivity in the Sugar Industry by Girish Kohli

75th STAI Annual Convention and International Sugar Expo: List of Exhibitors

- | | | |
|----------------------------------|----------------------------------|---|
| 1. Abhitech Energycon | 22. Ion Exchange | 43. RHEWUM GmbH |
| 2. Anton Paar | 23. IPRO India | 44. Risansi Industries |
| 3. Bevcon Wayors | 24. ISGEC Heavy Engineering Ltd. | 45. SB Reshellers |
| 4. BMA | 25. J.P. Mukherji & Associates | 46. Shrijee Process Engineering Works |
| 5. Broadbent Centrifuges | 26. Kluber Lubrication India | 47. Sintech Precision Pumps |
| 6. Calsens | 27. Lubeman Engineers | 48. SJ Industries |
| 7. Cammway Concepts | 28. Maruti Seals | 49. SKS Hydrotech Engineers |
| 8. Carl Bechem Lubricants | 29. Mega Engineering | 50. Spray Engineering Devices |
| 9. Catalysts Biotechnologies | 30. Membrane Group | 51. Supertharrm Engineers |
| 10. Chemical Centre | 31. Meru Industries | 52. Suzalkem |
| 11. DETS | 32. CNH Industrial (India) | 53. Three Star Engg Works |
| 12. Divine Tubes | 33. P.S. Industries | 54. Thyssen Krupp & Solarlite CSP Technology GmbH |
| 13. Enmill Technologies | 34. Paras Bhavani Steel | 55. Tirth Agro Technology |
| 14. Enviropol Engineers | 35. Positive Metering Pumps | 56. Ulka Industries |
| 15. Excel Engrs. & Consultants | 36. PPI Pumps | 57. Ultratec Industries |
| 16. Five Cails - KCP | 37. Premium Transmission | 58. VRL Automation Engineering & Projects |
| 17. Galaxy Industrial Equipments | 38. Privilege Biksons Boilers | 59. Zollern India |
| 18. Global Canesugar Services | 39. PSP Pumps | |
| 19. Green Force Engineers | 40. Puri Industries | |
| 20. Hi-Ttech Engineers | 41. Quality Profiles | |
| 21. Indo Pumps & Indo Seals | 42. Regianna Riduttori SRL | |

75th STAI Annual Convention and International Sugar Expo : List of Sponsors

Principal Platinum Sponsor



ISGEC Heavy Engineering Ltd.

Platinum Sponsors



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Highlights :All India Seminar on Recent Advances in Energy Efficient and Eco-friendly Sugar Refineries, 19 May 2017, Gangtok

All India Seminar on ‘**Recent Advances in Energy Efficient and Eco Friendly Sugar Refineries**’ was successfully organized by The Sugar Technologists' Association of India in association with Chemical Systems Technologies on **19 May 2017 at Gangtok**. The seminar was attended by 50 delegates from across country.

His Excellency Sh. Shrinivas Patil, Hon'ble Governor of Sikkim was the Chief Guest of the Seminar .

Mr Sanjay Awasthi, President, The Sugar Technologists Association of India while welcoming the delegates said that “India is the 4th largest exporter of sugar and has the potential and advantage in export of sugar to sugar deficit countries in the Middle East and East Africa provided we change our process and

produce sugar acceptable to global markets on regular basis”. He further added that “It is right time for the factory managements to chip in and implement the process change which will not only be able to meet internal increasing demand for the refined sugar but can also establish respective sugar factories as a credible exporter of sugar”.

The Technical session of the seminar was chaired by **Prof. Narendra Mohan**, Director, National Sugar Institute, Kanpur and Co Chaired by Mr Anup Kesarwani, Vice President, STAI. The following papers were presented & discussed during the daylong seminar :

- Energy Efficient Sugar Refinery & New Technologies by S.N. Saraswat & Anup Kesarwani

- A Concept of Conversion of Existing Sulphitation Plant to Refined Sugar Plant with 38% Steam on Cane by S. Panda, P.S. Dumanavar & R.V. Dani

- Process Conversion for Refined Sugar Production – Energy Efficiency and Economical Solutions by Sanjay Awasthi, Anurag Goyal & Gaurav Awasthi

- Comparative Evaluation of Carbonation & Phosphatation Process Keeping in View Industrial Uses of Sugar by Narendra Mohan & Mahendra Yadav

- A New Cost Effective and More Efficient Continuous Ion Exchange System for Raw Sugar Melt Decolourisation by Anup Kesarwani & R.K. Moharana



Top: Sh. Shrinivas Patil, Honb. Governor of Sikkim inaugurating the seminar ; **Bottom :** Prof. Narendra Mohan, Mr Anup Kesarwani ; Vice President (s), STAI interacting with delegates during technical session

Participation by STAI Office Bearers



Mr Sanjay Awasthi, President, STAI delivering Keynote Address during Inaugural Session of 47th SISSTA Annual Convention held on 30th June 2017 at Tirupati

Other Activities

Forthcoming STAI Seminars

- CII Green Sugar Summit 2017, 30-31 August 2017, HICC, Novotel, Hyderabad in association with STAI
- Joint STAI and SISSTA Seminar at Chennai in September/October 2017
- Efficient Design and Mill Maintenance Practices for Sustainable Sugar Industry, Bhopal in October/November 2017

International Events

- 34th International Sweetener Symposium, San Diego, USA, August 4-9 2017
- 90th SASTA Congress Durban, South Africa, August 15-17 2017
- 64th PHILSUTECH Annual National Convention Cebu City, Philippines., August 14-18, 2017
- Fenasucro & Agroncana Centro Eventos, SP, Brazil, August 22-25 2017
- 4th Annual Kingsman Miami Sugar Conference Sugar and Ethanol in the Americas, 11-13 September 2017
- 26th International Sugar Organization Seminar Sustainability: New Ways Forward, 28th - 29th November 2017

Hon. Editor : Mr D K Goel

Secretary : Mr Amit Khatter

Members Corner

Membership Dues

The members whose membership subscription is due for the year 2017 or earlier are requested to update their membership dues for continued membership services. For the benefit of the members, STAI has also initiated **Payment Gateway** for online payment of membership dues. Alternatively, members can also send the membership subscription through cheque/DD in favour of "The Sugar Technologists Association of India"

For online payment:
The Sugar Technologists' Association of India, HDFC Bank SB A/C No. 13851450000023, RTGS/NEFT IFSC CODE : HDFC 0001385, Okhla Phase-I, New Delhi- 20

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