



STAI

IXth JOINT CONVENTION PROGRAM & SPONSORS

of

THE SUGAR TECHNOLOGISTS' ASSOCIATION OF INDIA &
THE SOUTH INDIAN SUGARCANE & SUGAR TECHNOLOGISTS' ASSOCIATION
(19th to 21st August 2010 – Chennai Trade Centre Complex, Chennai, Tamil Nadu)



SISSTA

Dr. G.S.C. Rao
(President-STAI)

T.C.S. Reddy
(President-SISSTA)

P.K.N. Singh
(Secretary-STAI)

A.Abdul Haleem
(Hony.Registrar-SISSTA)

A.V.R. Reddy
(Convener)

REF. NO.: STAI/Jt.Con/2010

20.07.10

9th JOINT CONVENTION

OF

THE SUGAR TECHNOLOGISTS' ASSOCIATION OF INDIA (STAI)
AND

THE SOUTH INDIAN SUGARCANE & SUGAR TECHNOLOGISTS' ASSOCIATION
19th - 21st AUGUST 2010, CHENNAI TRADE CENTRE COMPLEX, CHENNAI, TAMIL NADU

Programme

For

9th Joint Convention

of

The Sugar Technologists' Association of India

&

South Indian Sugarcane & Sugar Technologists' Association

19th to 21st August 2010

at

Chennai Trade Centre Complex, Chennai, Tamil Nadu

18th August 2010

1000 - 1700 Hrs. Registration

19th August 2010

0800 - 1000 Hrs. Registration of the delegates at Pre-convention area

0900 - 1000 Tea/Coffee

1000 Hrs. Arrival of Chief Guest – Dr. N. Mahalingam, Chairman Sakthi Sugars Ltd.,

1000 - 1002 Escorting Chief Guest to dais

1002 - 1005 Invocation (Saraswati Vandana)

1005 - 1008 Lighting of Lamp

1008 - 1020 Felicitation – Honouring the Chief Guest & other dignitaries on the dais

1020	-	1025	Welcome address by Dr. G.S.C. Rao – President – STAI
1025	-	1030	Address by Mr. T.C.S. Reddy – President - SISSTA
1030	-	1035	Address by Dr. K. Lakshmi Narayana, I.A.S., Commissioner of Sugar, Andhra Pradesh
1035	-	1040	Address by Mr. Monappa, I.A.S., Commissioner of Cane Development & Director of Sugar, Karnataka
1040	-	1045	Address by Mr. Vikram Kapur, I.A.S., Commissioner of Sugar, Tamil Nadu
1045	-	1050	Release of publications by the Chief Guest
1050	-	1100	Inaugural address by Chief Guest
1100	-	1230	Distribution of Awards by the Chief Guest :

Life Time Achievement Award - 2010

- Mr. Arjunbhai B Patel Cooperative
- Mr. M.N. Pittie Entrepreneur
- Mr. V.K. Goel, Entrepreneur
- Mr. H.N. Gupta Scientist
- Dr. K.M. Naidu Scientist
- Mr. Victor Srivastava Consultant
- Mr. N.D. Varma Technology
- Mr. M.G. Joshi Technology
- Mr. N.V. Vardarajulu Engineering
- Dr. A.P. Gupta Cane

Industry Excellence Award of the Year - 2010

Mr. T.C.S. Reddy	Engineering
Mr. K. Ravindran	Technology
Mr. Vivek Verma,	Equipment
Mr. S.K. Sachdeva	Cane
Mr. A.K. Tanwar	General Management

STAI Awards

- **Sardar Gurmit Singh Mann Gold Medal Award** for The Professional of the year – Mr. Sanjay Awasthi
- **Noel Deerr Gold Medal**
- **Dr. Bansi Dhar Gold Medal**
- **STAI Silver Medal Award**
- **STAI Appreciation Award to** Mr. A.K. Jain – Convenor India Sugar Expo - 2010

SISSTA Awards

- Factory Performance Awards
- Best Technical Paper Awards

1230	-	1235 Hrs.	Vote of Thanks by Mr. P.K.N. Singh – Secretary - STAI
1235	-	1240	National Anthem
1240	-	1300	Inauguration of Sugar Expo – 2010 by Sh. Gurmit Singh Mann & visit to stalls by delegates in the exhibition hall

1300	-	1430	Lunch
1430	-	1440	Presentation on STAI Web Portals by Mr. Ali Raza
1440	-	1505	S. N. Gundu Rao Memorial Lecture Series by Mr. B.S. Gurumurthy on "Indian Sugar Industry – The Decade Past & the Decade Ahead"
1505	-	1530	S.V. Parthasarathi Memorial Lecture Series by Dr. N. Vijyan Nair on "The Challenges & Opportunities in Sugarcane Agriculture"
1530	-	1700	Technology Provider Session
1700	-	1730	Tea / Coffee
1730	-		A G M – STAI
1830	-	2130	Cultural Programme / Dinner

20th AUGUST, 2010

9.00	-	11.30 AM	-	Plenary Session
				<ol style="list-style-type: none"> 1. Farm Mechanization and Intercropping – by R. L. Tamak 2. Process Technology Change – by A. K. Srivastava 3. Spoken Web by Dr. Manish Gupta 4. Automation in Sugar Industry With Data Acquisition – by K. B. Pranesh 5. Reaching Out to Communities, Experiences of Corporate Social Responsibility around GIDL Sugar Plants – by Meena Raghunathan 6. Excellence in Energy Management – by N. Prabhakar
11.30	-	12.00 Noon	-	Tea / Coffee
1200	-	1330 Hrs	-	Management Section
				<ol style="list-style-type: none"> 1. Beyond HR : The New Science of People Management at Simbhaoli Sugars by Dr. G. S. C. Rao, I. S. Bhatia & K. K. Tyagi 2. Managing Co-operative Sugar Factories Effectively in a Competitive Environment – by Shivajirao Deshmukh 3. The Importance of Human Capital by R. Ramakrishnan 4. Best Management Practices – An Overview by R.L. Tamak 5. HRD in Proper Hue by T. L. Raghavan
1330	-	1430	-	Lunch
1430	-	1630	-	Technical Sessions to Continue Agriculture Session – Hall No.:2 Engineering Session – Hall No.:1
1630	-	1700	-	Tea / Coffee
1700	-	1800	-	Technical Sessions to continue

			Agriculture Session – Hall No.:2 Engineering Session – Hall No.:1
1800 Hrs	-	A G M – SISSTA Evening free for Delegates	
21st AUGUST, 2010			
0900	-	11.00 Hrs.	- Technical Sessions to Continue Agriculture Session – Hall No.:2 Manufacturing Session – Hall No.:1
1100	-	1130	- Tea / Coffee
1130	-	1330	- Technical Sessions to Continue Agriculture Session – Hall No.:2 Manufacturing Session – Hall No.:1
1330	-	1430	- Lunch
1430	-	1800	- Technical Session to continue in 2 halls Co-Product Session – Hall No.:2 Manufacturing Session – Hall No.:1
1800	-		Tea/ Coffee & end of the Programme

**RESEARCH PAPERS ACCEPTED FOR
9th JOINT CONVENTION RESEARCH PAPERS – 2010**

Sugarcane Agriculture

1. Evaluation of Promising Sugarcane Genotypes in Different Maturity Group Under Suru Season – by R. S. Hapase, JM Repale & DS Pawar
2. Mechanisation of Sugarcane Harvesting in India – Problems, Perspectives and Challenges – by PVL Narasimham & SJ Lakshman
3. An Integrated Seed Nursery Programme for Stabilizing Sugarcane Yield and Recovery in Tropical India – by Dr. K. Mohan Naidu
4. Trend in Sugar Losses in Post Harvested Cane – by Dr. RP Srivastava, Dr. ML Sharma, Priyanka Saxena and Shakuntala Rao
5. Post Harvest cane Quality Deterioration in Sugarcane Clones / Varieties of North Coastal Region of Andhra Pradesh – by Dr. Ch. Mukunda Rao, V. Raja Rajeswari, N. V. Naidu & S. Ramakrishna Rao

6. Effect of Crop Geometry and Method of Planting on Growth and Yield of Sugarcane Under Subsurface Drip Fertigation System – by R. Mahesh, Dr.S. Krishnasamy, A. Gurusamy & P.P. Mahendran
7. Breeding for Higher Sucrose Content in Sugarcane – Achievements and Prospects – by Dr Bakshi Ram
8. Bio-Methenated Distillery Effluent and Bio-Compost : Promising Alternatives of Plant Nutrients for Sugarcane Production – by Dr M. Alam, SK Siha, BK Poddar, CK Jha, Geeta Kumari & SK Thakur
9. Evaluation of Fanjet Irrigation System for Intercropping in Sugarcane – by AS Deshmukh, PP Shinde, SS Katake, PV Ghodake & SH Shinde
10. Integrated Insect Pest Management for Low External-Input Sugarcane Production – Saroj Jaipal & Jaipal Singh
11. Effect of Higher Nutrient NPK Levels on New Sugarcane Varieties in Vertisols of Northern Telangana Zone – by Dr.K. Pavan Chandra Reddy, Ch.Sambasiva Rao, KR Tagore, U.Nagabhushanam & GE Ch.Vidya Sagar
12. Identification of Pathogenicity Determinants in *Colletotrichum Falcatum* Causing Sugarcane Red Rot and Its Suppression by Antifungal Microbes – by Dr P. Malathi, R. Viswanathan & P. Padmanaban
13. Status of Cane Cultivation in Andhra Pradesh Cause for Reduction in Cane Area, Production and Sugar Recovery – by Dr N. V. Naidu
14. Silicon Nutrient Management in Sugarcane – by D. B. Phonde, B.H. Pawar, R.G. Yadav, P.V. Ghodake & S.H.Shinde
15. Study On the Influence of Irrigation Regimes and Fertigation Levels On Sugarcane Under Subsurface Drip Fertigation System – by M. Sathiyaraj, Dr. A. Gurusamy, PP. Mahendran, S. Krishnasamy & V. Kumar
16. Recent Management Technologies to Boost Sugarcane Productivity- by Dr. S. Nazeer Ahamed, Dr. G. Manickam, Dr.M.Jayachandran & Dr. K.Karunanithi
17. The Suitability of the Pre-release Elite Early Sugarcane Clone 03 G 231 for North Eastern Region of Tamilnadu – by Dr. R.Sudhagar, M.Suresh, R. S. Purushothaman & A.Thirumurugan
18. Effect of integrated nutrient and pest management on productivity and soil health of sugarcane based Cropping system - by Dr.Mehar Chand, Samar Singh, Vijay Kumar, Roshan Lal, Anil Khippal and Ran Singh
19. An Attempt To Increase the Efficiency of *Trichogramma Chilonis* Against Internode Borer, *Chilo Sacchariphagus Indicus* in Sugarcane – by R. Kandasamy & Dr R. Thirumurugan
20. Intercropping of Sugar Beet With Sugarcane Under Different Spacing Regimes – by N. R. Yekkeli
21. Comparative Performance of Tropical Sugar Beet Hybrids in western Maharashtra – by P. V. Ghodke, Dr.S. H. Shinde & S. B. Manepatil
22. Meeting The Challenges of Sugar Production By Introducing Better Management Practices At Field Level – Sub.Soil Health Management - by Agricultural Officers of The Jeypore Sugar Company Ltd, Chagallu
23. Intercropping of Wheat With Sugarcane Under Furb System – Potential and Profitability – by Indeeep S. Bhatia & Abhishek Srivastava
24. CO 0238 – A Promising Variety – by Sudhir Kumar
25. New Promising High Yielding An High Sucrose Varieties of Sugarcane – New Hope for Bihar Sugar Industry – by Dr. Narendra Singh, S. N. Sureka, S. C. Srivastava, J. L. Jain, Chandra Mohan, B. N. Mishra, R. K. Gupta & C. S. Tewari
26. Varietal Configuration of Sugarcane in Reserved Areas of U. P. Sugar Factories – by Dr. Ram Murti Singh

27. Sugarcane Production in Western U.P. – Problems and Issues – by Dr. Kanhaiya Lal & Dr. M. L. Sharma
28. Intercropping in Sugarcane Under Rain Gun Sprinkler Irrigation – by PP Shinde, AS Deshmukh, DB Phonde, SS Kataka & SH Shinde
29. Production of tissue culture sugarcane seedlings free from yellow leaf and grassy shoot disease for seed nursery rejuvenation - Dr. K. Mohan Naidu
30. Software system for an effective sugarcane production program of sugar industry by Dr. D.K. Mohan Naidu

Factory Processing (Manufacturing)

1. New Generation Colour Precipitant for Sugar Remelt/Syrup Clarification – by V. Sriram & O. N. Mishra
2. Crystallisation Under Flash Cooling An Innovative Tool for Higher Crystal Yield – by A. K Srivastava & Surendra Prasad Tripathi
3. A New Approach to Use 2nd Vapour & Oward Body Evaporator Condensate As Boiler Feed Make Up Water – by S. P. Tripathi & A. K. Srivastava
4. Production of Superior Quality White Sugar – Nepal Experience – by Sandeep K. Agrawal & Gaurav Ch.Srivastava
5. Problems And Solutions During Sugar Processing – An Experience Shared – Part-II – BY G. Oyyaram, A. Arockiaraj, A. Arulappan & G. Subramani
6. Water Conservation Measures Adopted at Rajshree Sugars And Chemicals Ltd, Mundiampakkam Unit – by M. Karthikeyan, K. Muthurangam & J. Prem Kumar
7. Application & Potential of Ultrasonic Technology in Sugar Processing – by Dr. Kaman Singh, Sudhir Verma & Vimallesh Kumr Singh
8. Simplifies Raw Sugar Melting With Crushing and in Off-Season – by Dr. M. K. Srivastava
9. Maximising Recovery of Sugar By Processing Rawsugar As Stand Alone Process – by G. Sathiyamoothi & S. Vijayakumar
10. Sucrocrystal Image Analyzer : New Tool for Study of Crystal Population in Sugar Boiling Operation & for Further Improvement in Exhaustion – by Prithviraj
11. Production of Fermentable Sugars from Bagasse by Acid Hydrolysis – by Satindar Kaur*, RSS Kaler, Mininder Singh & Vishal Sharma
12. Impact of Burnt Cane on Sugar Processing – by J. N. Bhaumik, Dr. R. N. Bhosale, C. V. Godse & R. V. Dani
13. Decanter – A Gift to Sugar Industry – by N. Thiruppathi
14. An Economically Feasible Idea Implemented for Long Life and Efficient Working of Juice Heaters, evaporator Bodies and pans – by T.C. Katiyar & Dr. Rajeev Kumar Sharma
15. Innovative Technology for the Production of Chemical and Microbial Free Organic Sugar – by Dr. P. Thangamuthu
16. Role of FFC Technology in Sugar Industry - An Evaluation Study Conducted under R&D Initiative of STAI
17. Screens for continuous centrifuges by Paul Wassing

General & Co-Product

1. Studies On the Impact of Irrigation of Distillery Spentwash on the Nutrients of Leafy Medicinal Plants – by Dr. S. Chandraju, R. Nagendraswamy, Girijanagendraswamy & C. S. Chidankumar

2. Influence of Distillery Spentwash Irrigation on the Nutrients of Root Vegetables in Untreated and Spentwash Treated Soil – Dr. S. Chandraju & C. S. Chidankumar
3. Self Evaluation in Human Resource Development to Fill Technological Gap – by G. Perumal
4. *Electrochemical Treatment of Primary Treated Distillery Effluent – by Vikram Kumar Verma, Dr. Rakesh Shrivastav, Tarun Gupta, S. Kaushik & P. K. Jain
5. Technology Options for Achieving “Zero Liquid Discharge” in Molasses Based Distilleries” – by D. A. Patil, M. L. Kadam & S. V. Patil
6. Ethanol Production from Cane-Molasses by a Thermotolerant Strain of Saccharomyces Cerevisiae – by M. H. Vohra, R. V. Burase, S. P. Takle & Dr S.V. Patil
7. Cellulose Ethanol : Next Generation Fuel Source – by S. Ravi
8. Environmental And Social Sustainability With Product and By-Product of Sugarcane – by Arvind Kumar Mishra
9. Biofuels from Sugarcane – A Recent Trend – by Dr(Mrs) Nibedita Mukhopadhyay & Dr. S. K. Mitra
10. Flash Drying of bagasse Using waste Heat From Boiler Flue Gas – by Rajesh Verma
11. Thermal Pyrolysis of Bagasse : Yield and Characterization of Bio-Oil – Y. C. Rotliwala, B. I. Patel, M. N. Prajapati & S. J. Patel
12. Ethanol Production Potential of Promising Sugarcane Clones – by P. Rakkiyappan, A. Bhaskaran, C. Palaniswami, R. Nagarajan, G. Hemaprabha, R. M. Shanthi, K. Mohanraj & K. H. Vidhya
13. A Comparative Study of Solid and Liquid Based Microbial Cultures for the Composting of Distillery Spentwash – by Dr. Deepali Nimbalkar, V. S. Ghole & A. S. Patil
14. Ethanol – An Automotive Power Fuel Source – by N. S. Patil
15. Reforming Indian Sugar Industry by Anjali Gamta
16. An Increase in Ethanol Yield by Photochemical Anaerobic Respiration, Using Iron Supplement by Dr. Anil Kumar Gupta

Equipment Design & Maintenance (Engineering)

1. Bagasse Dryer – Case Study At Mawana Sugars Limited – by Mukesh Chauhan, Yogesh Malik & Sanjay Chaudhary
2. An Easy Approach to Mill Feeding and Mill Setting in a Sugar Plant – by D. C. Pandey
3. Application of Feed Water Heaters in Power Plants – by B. A. Ram, Jayashree Jadhav & Niket Pande (84)
4. Trusted Mill Setting for Reduced Power and Improved Efficiency – by U. S. Mishra
5. Bagasse Based Cogeneration and its Financial Viability – by Miss Seema Joshi & J. N. Mohanty
6. VFD Operated Motors – Effects & Case Study – by SS Sathawane
7. Two Roller Mill and How It will Help Cogeneration – by V. Thiruvankadam
8. Nanda Maceration System by R. Nandakumar
9. Latest Design Mill & Mill Setting by M.K. Biswas

Utilities of Energy Efficiency & Conservation in Sugar Industry

1. Energy Conservation at G.S.S.K. Ltd, Raosaheb Nagar, Nhavare, Taluk Shirur, Distt. Pune – by N. L. Jadhav

2. Reduction in Steam Consumption with efficient Use of Heat Recovery Systems : Past & Present Scenario – A Review – by SK Bhojraj, YN Kunjir & Niraj Chandra
3. Conservation of Steam to Maximise Surplus Power – Need of the Day Part – 1 – by Sudhakar Pawar & Manoj Suryawanshi
4. Power and Steam Conservation, Smooth, Trouble free Working and Eassy Operation of Entire Juice Heater Station – by Molli Venkata Ramana
5. Steam & Power Conservation in a Steam Driven Plant : A Challenging Job – by SM Sharma & Rajesh Singh & Anil Verma
6. Energy Saving is Greater Than Energy Generation – By Mr. C.Muthukumar, Mr. Khushal & Their Team

DELEGATION FEE DETAILS

	For Members Rs.	For Non Members Rs.	Sr. Citizens 65 yrs or above Rs.	Accompanying Persons(Spouse only) Rs.
Full registration (Received from 01 st July '10)	2500	5000	1250	2000

Delegates are requested to send their delegation fee as given above through DD in favour of "The Sugar Technologists' Association of India" payable at New Delhi.

Thanking you,
Yours faithfully,
P.K.N. SINGH
SECRETARY