

SUGARCON-2022

International Conference
on
*Sustainability of the Sugar
and Integrated Industries:
Issues and Initiatives*

To mark the



Foundation Day
of ICAR-IISR



7th IAPSIT
International
Sugar Conference

February, 16-19, 2022

Organized by

ICAR-Indian Institute of Sugarcane Research
Lucknow, India

and

Society for Sugar Research & Promotion
New Delhi, India

Venue

ICAR-Indian Institute of Sugarcane Research
Lucknow, India

Website : www.sugarcon2022.com, www.iapsit.net

Email : sugarcon2022@gmail.com, sugarcon2022@rediffmail.com



Celebrating 75 Years of Indian Independence



Globally, sugarcane cultivation and processing accounts for the livelihood of almost 100 million people with Brazil and India being the world's biggest sugarcane producers, accounting for 56 percent of the sugarcane produced in the world. India alone has almost 7.5 million sugarcane farmers and 0.7 million people working in ancillary industries while in Brazil, nearly 25 per cent of its rural workforce is engaged in the sugar industry. Currently, 75% of the sugarcane produced globally is consumed by the food manufacturing sector while the balance is used in biofuel production. The raw material for sugar and its allied industries is mainly sugarcane and partly sugar beet. Therefore, sustainable availability of sugarcane and sugar beet has been a challenge in view of climate change, vagaries of pests and diseases, varietal degeneration etc. The sugarcane crop cultivation being highly labour intensive, is extremely vulnerable to uncertain situation developed due to pandemic of Covid-19, also call for serious thinking on strategic planning for sustainable availability of sugarcane and sugar beet for sugar and integrated industries globally. Sugarcane and sugar beet based integrated sugar industries including bioethanol, power cogeneration, biofertilizer etc. have an edge over standalone sugar industry. There is a strong need for further diversification of the sugarcane and sugarbeet based industries for better economic returns. Of late, several countries have new frame of policies on bio ethanol and other sugarcane based allied industries. The experience gathered needs to be shared for sustainable growth and development of sugar and its integrated industries. In commemoration of 75th year of India's independence and 70th foundation year of ICAR-Indian Institute of Sugarcane Research, Lucknow, the Institute in association with the Society for Sugar Research & Promotion (SSRP) and the International Association of Professionals in Sugar and Integrated Technologies (IAPSIT) is organizing an International Conference SUGARCON-2022 & IAPSIT-ISC 2022 on "Sustainability of the Sugar and Integrated Industries: Issues and Initiatives" which will provide a grand opportunity and a vibrant platform with a convergence of all the stakeholders from across the globe including researchers, technologists, extension officers, managers, industry officials, manufacturers, suppliers, policy makers and progressive farmers to share their views and experiences on global issues and initiatives for profitable and sustainable growth of sugarcane, sugar beet, sugar and integrated industries.

Technical Spectrum

- Newer technologies for enhancing production and productivity of sugarcane, sugar beet and other sugar crops (palms, stevia, maple, sweet sorghum, sweet maize), crop diversification, bio-intensive crop production-management strategies, farm mechanization, post-harvest management & technology, application of geoinformatics & nanotechnology in sugar crops production.
- Frontier areas of research in the field of biotechnology in improving sugarcane, Sugar beet and other allied crops for abiotic and biotic stress tolerance, physiological gains and alternate uses & technologies for sustainable higher productivity and profitability.
- Sweetener(s) production from alternative sugar crops : Palms, stevia, maple, sweet sorghum etc. production, processing and industrial aspects; consumer preference for sweeteners and value-added products; sugar crops based cottage industries
- Industrial advancement in processing, product development and diversification, resource and energy management in sugar and its integrated industries, green energy alternatives, bio-based products.
- Policy issues and initiatives for sustainable growth and development of sugar and integrated industries across the globe; impact of Covid-19 pandemic on sugar/ethanol/ancillary industry worldwide, new norms for sustainable sugar crops production, processing, marketing and value chain management. Government initiatives and policies to realign sugar sector in developing countries, CSR and sugar industry.

Who Should Attend

Researchers, sugar technologists, cane managers, agri-business managers, entrepreneurs, plant and farm machinery manufacturers, sugar crops research and development institutions, environmental engineers and carbon project developers of farm and process, technology suppliers/ manufacturers of power and energy companies, consultants of sugar and energy industries, marketing officials, industry officials, extension officers, policy makers and progressive farmers.



Dates & Location : February 16-19, 2022

ICAR-Indian Institute of Sugarcane Research, Lucknow-226002, INDIA

Conference Schedule

16th February, 2022 :Inauguration & Plenary Lectures

17th February, 2022:Technical Sessions

18th February, 2022 :Technical Sessions/ Visit to Sugar Mills

19th February, 2022 :Valedictory Session

Accommodation

We offer accommodation in very nice and quality 3/4 star hotels located in Lucknow city.

Conference Registration Package

Foreign delegates: Early bird registration fee: US \$ 1000 per person up to 31st October 2021. After that the registration fee will be US \$ 1250 per person. Registration package for foreign delegates includes boarding and lodging for 4 nights in a good hotel, airport transfer, morning and afternoon tea, coffee, all meals (16-19 February, 2022) including welcome and gala dinner, conference materials and publications, visit to a sugar mill and sugarcane/ sugar beet field trip and IAPSIT membership fee US\$ 100 & SSRP annual membership fee INR 2000. Delegates arriving before 16th February and staying after 19th February, 2022 will have to pay additional charges to the hotel for accommodation and meals. Accompanying person (spouse or children) will be charged US \$ 550 per person.

All prospective foreign participants are requested to enquire about recent guidelines related to visa/medical/international travel etc. from their local Indian Embassy. Please also visit our website (www.sugarcon2022.com; www.ssrpglobal.net; www.iapsit.net) for updates on conference.

Indian Delegates: INR 8500, Indian delegates will have to arrange their own travel and accommodation. This will cover all meals (16-19th February 2022), conference materials. They would become member of SSRP by paying additional amount of INR 2000.

Indian Students: INR 5000, Students will have to arrange their own travel and accommodation. This will cover all meals (16-19th February 2022) and conference materials.

Payment of Registration Fee

The interested delegates are requested to transfer the exact amount of registration fee (Bank transfer/ handling charges should be paid separately by the delegates) in the conference account given below.

Bank Name: **State Bank of India**

Address: IISR Campus, Raebareli Road, Lucknow 226002, UP, India

Account name: Society for Sugar Research & Promotion (SUGARCON-2022)

A/c No.: 40052032987

IFSC Code: SBIN0010343 SWIFT Code: SBININBB157

Refund

50% registration fee will be refunded (after deducting US\$ 100 for foreign delegates and INR 5000 for Indian delegates and bank transfer charges) if cancellation is intimated before 1st January 2022. No refund will be made, if cancellation is intimated after this date. All proposals related to refunds of registration fee will be processed after the conference.

Language : The official language of the conference is English.

Call for Papers

The design of the conference would be such as to present the conference themes through parallel sessions. The sessions will aim to acquaint the audience about current advancements and technologies on all aspects of sugar crop & integrated industries. Besides Invited and lead lectures, short presentations of research papers will also be considered to encourage personalized interactions with delegates of different countries. Submitted papers should be of interest to an international audience focusing on new concepts & technologies, novel & innovative ideas, and emerging technologies. The extended summary could be on any aspect (scientific, economic, technological nature) of



technologies used in the production, protection, processing of sugar crops and related to integrated industries, not exceeding 1000 words. Selected papers will be published in **Sugar Tech** (Springer Nature) Journal.

All papers should be submitted to the Editorial office at email id <sugarcon2022@gmail.com>; <sugarcon2022@rediffmail.com> before 31th Oct 2021.

Sugarcon-2022 and SugarTech International Awards

Please visit our website for application form and details: www.sugarcon2022.com; www.ssrpglobal.net; www.iapsit.net.

Travel Assistance for Students

A limited Travel Assistance is available for PG students (T&C applies) working on Sugar crops/Sugar/Biofuels. For details visit www.sugarcon2022.com.

SUGARCON-2022 EXPO : Exhibition and Sponsorship Opportunities

Sponsorship Schemes in Sugarcon-2022 Exhibition

Name of Scheme	Amount	Benefits
Platinum	Rs.7,50,000	2 front stalls, 10 minutes slot for presentation, 1-page colour advertisement in the souvenir, free registration for 04 delegates
Gold	Rs. 4,00,000	01 stall, 10 minutes slot for presentation, 1-page colour advertisement in the souvenir, free registration for 02 delegates
Silver	Rs. 2,00,000	01 stall, 5 minutes slot for presentation, 1/2-page colour advertisement in the souvenir, free registration for 02 delegates
Bronze	Rs. 1,00,000	01 stall, 1/2-page colour advertisement in the souvenir, free registration for 01 delegate

Profile of Visitors

- Senior Executives and Managers of Sugar Industry, Sugar Technologists, Cane Development Officials, Sugarcane Researchers, Ethanol, Cogen and Distillery Experts
- Directors of Agricultural Universities and Institutes
- Govt. Officials from Agriculture Departments, Agro-processing Industries
- Small and Marginal Farmers, Progressive Farmers, Agri-entrepreneurs
- Agri Input Industries- Fertilizer, Pesticide, Seed, PGRs, Farm Tools & Machineries
- Modern Agriculture Technology Companies-Sprinkler/ Drip Irrigation, Green House, Net House, Glass House, Solar Power etc.
- ETP Consultants, CDM and Green Energy Experts

Products and Technologies Display in Sugarcon-2022 Exhibition

- Sugar and Distillery Machineries, Co-gen Plant Components, Farm Implements, Sugar and VAP, Jaggery and other Products
- Sugar Processing Chemicals, Biocides, Antifoams, Antiscalants etc.
- Conventional Inputs- Fertilizers, Pesticides, PGRs
- Next Gen/ Smart agro-inputs used in sugar crop production and protection
- Microbial preparation for pest control and soil fertility management
- Bioactive natural molecules for pest management
- Herbal preparations for organic agriculture, soil additives, vermicompost, vermi-wash, weed extracts
- Plasticulture and smart irrigation systems for water economy in cane farming
- High quality farm tools and machinery, Solar powered pumps
- Modern Agriculture systems: Green house, Net house, Glass house

Advertisement in Sugarcon-2022

Back Cover	Rs 1,50,000	Four Color
Inside Cover (Front)	Rs 1,00,000	Four Color
Inside Cover (Back)	Rs 1,00,000	Four Color
Full Page	Rs 75,000	Four Color
Full Page	Rs 50,000	B&W

Stalls without Sponsorship: Rs 50,000 per stall (Size 3x3 m)



Special Sponsorship Opportunities

- **Exclusive Gala Dinner** for VIPs/ Foreign Delegates and Participants (500 numbers) on 16th & 18th February, 2022 : Rs 6,00,000 or actual cost. Printed invitation to VIPs on behalf of sponsors, Company profile in back drop of dinner venue and full page colour advertisement on back cover of Souvenir.
- **Exclusive Lunch** for VIPs on 17th and 18th Feb. 2022 : Rs 3,00,000 (Each Day) or actual cost. Printed invitation to VIPs on behalf of sponsors, Company profile in back drop of dinner venue and full page colour advertisement inside cover (front/back) of Souvenir.

Mode of Payment (Sponsorship, Stall & Advertisement Booking)

Actual amount may be sent through online transfer/ demand draft/ at par Cheque in favour of *Society for Sugar Research & Promotion (SUGARCON-2022)*, payable at Lucknow (India) or remitted through Electronic Transfer/ RTGS as per the following details:

Bank Name: State Bank of India

Address: IISR Campus, Raebareli Road, Lucknow 226002, UP, India

Account name: Society for Sugar Research & Promotion (SUGARCON-2022)

A/c No.: 40052032987 **IFSC Code:** SBIN0010343 **SWIFT Code:** SBININBB157

For Sponsorship/ Booking of Stalls/ Advertisement, Please Contact:

Dr S.N.Sushil	Dr S.N.Singh	Dr A.K.Sah	Dr G.P.Rao
M : +91-9910558766	M : +91-9415152102	M : +91-9452063646	M : +91-9711763384

About ICAR-IISR and City of Lucknow

ICAR-Indian Institute of Sugarcane Research is located in Lucknow in the state of Uttar Pradesh, India. Since its inception in 1952, the Institute has been working on research & development and upliftment of sugarcane agriculture and has made an indelible impression to the overall agriculture scenario of the country, transforming sugarcane agriculture in a way that today India has become self-sufficient in sugar with surplus sugar for export. Lucknow is the capital city of Uttar Pradesh also known as the city of Nawabs in India. It has a warm humid sub-tropical climate with cool dry winters from December to February, dry hot summer from April to June and rains during July to September. During February the city experiences mild cold. Participants are advised to come prepared accordingly.

About IAPSIT

International Association of Professionals in Sugar and Integrated Technologies (IAPSIT) was established in 2004 in Gunagxi, Nanning, China. IAPSIT is a non-profit scientific association committed to profitable and sustainable development of the sugar and integrated industries in developing countries encompassing agricultural, industrial, environmental and socio-economic concerns through sharing of scientific knowledge and technological advancement. IAPSIT also facilitates linkages and a network among members, scientific organizations and non-government organizations to disseminate up-to-date and relevant technology/information needed for the sugar industries through organizing specialized workshops, seminars, meetings and the exchange of professionals (www.iapsit.net).

About SSRP

Society for Sugar Research and Promotion was established in 1999 at New Delhi, India with the aim to establish "Sustainable development of sugar and integrated industries through application of scientific knowledge and improved technologies to augment production efficiency of sugar crops, sugar, green energy and value-added products for holistic growth of farming community". SSRP also publishes an international journal **Sugar Tech** with collaboration of Springer-Nature. SSRP also organizes national and international conferences all over the world on different aspects of sugar crops and related industries and provide consultancy services in the field of agriculture, training and editing services for scientific literature (www.ssrpglobal.net).



How to Reach the Conference Venue

Lucknow is well connected with most of major cities of the country. Chaudhary Charan Singh (Amausi) Airport, Lucknow is connected with New Delhi, Mumbai, Kolkata, Bangalore, Hyderabad, Patna, Goa, Varanasi etc. by direct flights. Lucknow is also connected through direct international flights to some countries in Middle East, Thailand, Singapore etc. Other international travellers may get connecting flights from New Delhi/ Mumbai/Bangalore. A major railway junction, Lucknow is conveniently connected to many cities of India. Lucknow is also well connected by road network with all the major cities of the country.

Steering Committee

Chief Patron: Dr. Trilochan Mohapatra, Secretary (DARE) & DG (ICAR), New Delhi, India

Co-Chief Patron: Dr. T. R. Sharma, DDG (Crop Sciences), ICAR, New Delhi, India

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Website : www.sugarcon2022.com,
www.iapsit.net
Email : sugarcon2022@gmail.com,
sugarcon2022@rediffmail.com

