



(Founded in 1925)

**Sanjay Awasthi**  
President

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Secretary General

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**SUBJECT : 80<sup>TH</sup> STAI ANNUAL CONVENTION AND INTERNATIONAL SUGAR EXPO 2022 –  
CALL FOR RESEARCH PAPERS**

Dear Member,

1. **The 80th Annual Convention of The Sugar Technologists' Association of India (STAI)** is scheduled to be held from 28th – 29th July 2022 at Dr. Shyama Prasad Mukherjee Indoor Stadium, Goa.
2. STAI invites from you and other professionals quality research papers of scientific, technological or economic nature as per the appended guidelines, in the below mentioned four sections:
  - a. Sugarcane Agriculture
  - b. Factory Processing
  - c. Factory Engineering (It includes equipment design, automation, energy efficiency and conservation)
  - d. Co-Products (It includes distillery, fuel ethanol, Bio-CNG, environment and management)

**Papers should be on recent Research, Innovation or Case Study but must not be of overtly commercial nature.**

3. Papers that are accepted and presented during the convention will be considered for following awards:
  - a. Papers relating to Innovation in area of Energy Efficiency and Conservation under Section 2(c) will only be considered for the award of **Dr. Bansi Dhar Gold Medal** (only for STAI Members).
  - b. Remaining papers under section 2(c) and all the papers under section 2(a), 2(b) and 2(d) will be considered for following awards:
    1. **Noel Deerr Gold Medals** (only for STAI Members) : One for each Section
    2. **STAI Silver Medals** (for both members & non members) : One for each Section
4. With the above arrangement, presentation of papers will be in following four sessions:
  - a. Sugarcane Agriculture, b. Co-Products, c. Factory Engineering, d. Factory Processing.
5. **Only Soft Copy of the Manuscript in MS WORD version should be submitted. The Manuscript having not more than 3000 words should contain the Title of the paper, Author's name with email id & affiliation, Abstract, Keywords, Main Text & References along with relevant pictures/figures/diagrams in clear & readable high resolution .jpeg format. The Tables and Figures should be numbered and must find reference in the text of manuscript.**
6. **The Manuscript along with the 'certificate of originality'** as per attached format should be submitted latest by 9th June 2022 to STAI's email id: [conventions@staionline.org](mailto:conventions@staionline.org)

We thank you for your consideration and look forward to the participation.

Yours faithfully,

**D.K. GOEL**  
Hon. Editor

**‘CERTIFICATE OF ORIGINALITY’ BY THE AUTHOR(S)**

Title of the Paper .....  
(To be filled by the author) submitted to STAI for the 80<sup>TH</sup> STAI ANNUAL CONVENTION AND INTERNATIONAL SUGAR EXPO-2022.

I/We hereby declare that :

1. The Paper has not been published previously, is not presently being considered for publication elsewhere and that all necessary permission has been obtained by me/us to disclose the content of the Paper;
2. To the best of my/our knowledge, nothing in the Paper infringes any intellectual property right or discloses any confidential information vested in a third party;
3. The Paper does not contain any subject matter that contravenes any laws (including any defamatory material and misleading and deceptive material). STAI will not accept liability for such statements;
4. The Paper meets ethical standards applicable to the research discipline;
5. All Author(s) have read the Paper and have agreed to its publication.

Author's Name..... STAI Membership Number (if any) .....

Author(s) Signature..... Date.....



## GUIDELINES FOR SUBMITTING MANUSCRIPT OF RESEARCH PAPERS FOR STAI PROCEEDINGS-2022

<b>Format</b>	MS Word is the preferred program for manuscripts. The fonts and line spacing to be used as under: Font type – Arial; Font size – 11; Line spacing – 1.
<b>Article Length</b>	The articles/papers should not exceed 3000 words (excluding abstract). Please include only those tables, figures, graphs and photographs which are extremely important for explaining the subject.
<b>Article Title</b>	The title of the paper should be brief and informative, in capital letters not underlined. In case of a lengthy title, a main title and a sub-title should preferably be given.
<b>Article Page</b>	Except the first page, numbering of all pages should be done on the bottom right hand corner.
<b>Author Detail</b>	<p>The author's name, e-mail id and affiliation (Department, Institute, City, State, Pin Code, Place, Institution or Organisation where the work was undertaken) should be mentioned.</p> <p>In the case of multiple authors from different institutions, the name of each author should be marked with a superscript number beginning with 1. The affiliation corresponding to each author should also be marked with the same superscript number. <b>Professional title and rank of the author should not be included.</b></p> <p><b>There should not be more than four authors listed for the paper.</b> Authors must have made a significant contribution to the substance of the paper. Persons who only offered advice, who assisted with the experimental programme and/or who directed the work of an institution should be mentioned in the Acknowledgment Section.</p>
<b>Acknowledgements</b>	Acknowledgements should not be more than 50 words.
<b>Abstract</b>	Please give overall purpose of the paper with reference to previous work or experience on the subject and also specify reasons for taking a particular subject for research and your findings within 150–200 words. Acronyms and abbreviations should be avoided as far as possible.
<b>Keywords</b>	Immediately following the abstract, authors should write “Keywords: ………” and include at the most 8 keywords indicating the contents of the articles.
<b>Article Classification/ Section</b>	<p>The paper meant for publication in the proceedings should deal with scientific management or technical subject relating to any of the aspects of the sugar industry as mentioned below :</p> <p><b>The paper should be categorized under one of the following 4 Sections:</b></p> <ol style="list-style-type: none"> <li><b>1. Sugarcane Agriculture Section :</b> Authors should give preference to papers on plant biogenetic engineering, tissue culture, bio-fertilizer, biopest control, enhancement of sugar recovery and products in the country with modern scientific technologies and improving sugarcane yield per hectare, varieties with multiple ability and resistant to insects, pests &amp; diseases, molecular genetics in sugarcane, water management, mechanization of sugarcane cultivation etc.</li> <li><b>2. Factory Processing Section :</b> The factory processing papers should focus on research work to develop new technologies for the manufacture of cost effective and high quality Raw, Plantation white and Refined sugar for use in domestic and international markets. Reviews on specific subjects of current interest to the industry would also be welcomed.</li> <li><b>3. Factory Engineering Section :</b> The factory engineering papers should focus on innovations in the area of equipment design, automation and maintenance for sugar and co-generation plants with emphasis on improvement of productivity, efficiencies and economies of operation.</li> </ol>

	<p>Papers on Innovation in area of Energy Efficiency and Conservation may emphasize on the measures for effective utilization and conservation of energy..</p> <p><b>4. Co-products Section :</b> The co-products papers should focus on distillery, Fuel-ethanol, Bio-CNG, environment protection, pollution control, waste management, conservation of ecosystem, biomass utilization and other relevant co-products.</p> <p>Authors submitting papers on Management may focus on aspects of strategic &amp; modern management techniques, management information systems, financial management, human resource management, marketing and supply chain management etc..</p>
<b>Headings</b>	The headings should be presented in bold format and subsequent sub-headings to be presented in medium italics. Only one space should be inserted between the heading and the text.
<b>Main text</b>	The main text must be divided into sections such as: Introduction, Materials and Methods or Procedures, Results, Discussion or Conclusions. All paragraphs should be fully justified.
<b>Figures/ Drawings</b>	<p>Figures and diagrams should be self-explanatory in clear and readable format and contain as much information as is consistent. A description of the symbols used in the figures should be written out in full.</p> <p>Authors must convert figures and diagrams into Microsoft Excel or Microsoft PowerPoint. <b>Photographs/drawings should be supplied in high resolution .jpeg format.</b> Figures should be numbered consecutively, e.g., Figure 1, Figure 2, followed by a brief explanatory title.</p>
<b>Tables</b>	<p>Tables must be submitted separately on individual sheets of paper numbered consecutively e.g. Table 1, Table 2, followed by a brief explanatory heading, referred to in the text as such.</p> <p>The position of each table should be indicated in the text (e.g. table 1). Title and column headings should be in lower case letter except for the initial letter of the first word and proper nouns.</p>
<b>Equations</b>	Simple equations (i.e. one-line equations with subscripts and superscripts) should be typed directly into the text. Others should be rendered in Microsoft Equation Editor.
<b>References</b>	<p>References must be in Harvard style and carefully checked for completeness, accuracy and consistency. References to literature are given in the text as (Adams, 2006) for the first author's name or (Adams and Brown, 2006) citing both the two, or (Adams <i>et al.</i>, 2006), when there are three or more authors.</p> <p>Unpublished data and verbal communications should not appear in the reference list but should appear in brackets in the text, e.g. (1personal communication) or (1unpublished data).</p>
<b>Certificate of Originality</b>	Authors are required to provide a ' <b>Certificate of Originality</b> ' in the attached format. In the absence of this certificate, the papers are liable to be rejected.
<b>Copyright</b>	Paper Submitted and accepted for publication in the proceedings shall be deemed to be the copyright of the association and shall not be reproduced without the written permission of the Association.
<b>Communi-cation</b>	<p>All research papers should be submitted only in MS WORD format along with the 'CERTIFICATE OF ORIGINALITY' as per attached format. Only a soft copy of the paper shall be accepted, which should be sent latest by 9th June, 2022 to STAI's email id: <a href="mailto:conventions@staionline.org">conventions@staionline.org</a></p> <p>Send all correspondence, concerning papers to:</p> <p><b>Mr. Amit Khatter, Secretary General</b>  The Sugar Technologists' Association of India  Plot No. 15, 301, Aggarwal Plaza, Okhla Phase - I  New Delhi-110020  Email Id: <a href="mailto:conventions@staionline.org">conventions@staionline.org</a></p>
<b>General</b>	Papers not found in accordance with the instructions or received after the due date would be liable for rejection. The suitability of the paper will be judged by a panel of experts whose decision will be final. Papers written in English will only be accepted for publication in STAI Proceedings.