



(Founded in 1925)

**Sanjay Awasthi**  
President

**Amit Khatter**  
Secretary General

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**SUBJECT : 75<sup>TH</sup> STAI ANNUAL CONVENTION AND INTERNATIONAL SUGAR EXPO 2017 –  
CALL FOR RESEARCH PAPERS**

Dear Sir/Madam,

1. **The 75<sup>th</sup> Annual Convention of The Sugar Technologists' Association of India (STAI)** is being held from 03-05 August 2017 at Kochi, Kerala.
2. STAI invites quality research papers from you & other professionals willing to write research articles, **as per the appended guidelines**, in the below mentioned four sections:
  - a. Sugarcane Agriculture
  - b. Factory Processing
  - c. Factory Engineering (It includes equipment design & maintenance as well as innovation in area of energy efficiency & conservation)
  - d. Co-Products and Management (It includes co-products & environment as well as management)
3. Papers that are accepted and presented during the convention will only be eligible for consideration for the 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 two parallel sessions:
  - a. Sugarcane Agriculture followed by Co-Products & Management
  - b. Factory Engineering followed by Factory Processing
5. 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 10th May, 2017 to STAI's email id: **conventions@staionline.org**.

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

Thanking you.

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 75<sup>TH</sup> STAI ANNUAL CONVENTION AND INTERNATIONAL SUGAR EXPO -2017

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 TECHNICAL PAPERS FOR STAI PROCEEDINGS

<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 and figures 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 (Full author name) and the complete mailing address (Department, Institute, City, State, Pin code, Mobile number and Email id) of the place of the institution or organization where the work was undertaken should be given. If the current address is different, both addresses should be included. It should be indicated in a foot note.</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 addresses corresponding to each author should also be marked with the same superscript number. The professional title and rank of the author should not be included. The email address of the principal author should be presented under the addresses.</p> <p><b>There should not be more than three 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 under themes in the circular.</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> Papers should give emphasis 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> </ol>

	<p><b>3. Factory Engineering Section :</b> The 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.</p> <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 and Management Section :</b> This Co-Products section should include papers on environment protection, pollution control, waste management, conservation of ecosystem, ethanol as alternative fuel, bio mass and other relevant by-products.</p> <p>Effective Management has emerged as one of the critical aspects for improving overall profitability of the organization. Authors submitting papers on Management may focus on aspects of strategic management, modern management techniques, management information systems, financial management, human resource management, marketing, operations research 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>Notes / End notes Figures</b>	<p>Notes or Endnotes should be used only if absolutely necessary and must be identified in the text by consecutive numbers, enclosed in square brackets and listed at the end of the article. Figures should be self-explanatory and contain as much information as is consistent with clarity. 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. Photographs should be supplied in .jpg format. Figures should be numbered consecutively, e.g., Figure 1, Figure 2, followed by a brief explanatory title.</p>
<b>Copyright</b>	<p>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.</p> <p>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.</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>i.e.</i> one-line equations with subscripts and superscripts) should be typed directly into the text. Others should be rendered in Microsoft Equation Editor, so that errors, changes or corrections can be applied to the electronic document. If appropriate, the equations should be numbered.
<b>Abbreviations and Symbols</b>	Names of chemicals should be written out in the text, at least at their first occurrence, except when reaction equations or complex compounds are with, when standard symbols should be used. For long chemical names and other cumbersome terms, widely accepted abbreviations may be used in the text (e.g. DNA). Abbreviations for the names of less common compounds may be used, but the full term should be given on first mention. 24 hour clock should be used.
<b>Scientific Name</b>	Use capital letters sparingly. Do not confer capital letters on every mill station, tool, piece of equipment or apparatus etc. Botanical and zoological genus and species names should be rendered in italics. The complete scientific name must be cited for every organism at the first mention. The generic name should be abbreviated to the initial thereafter, except where intervening

references to other genera with the same initial could cause confusion. If vernacular names are employed, they must be accompanied by the correct scientific name on first use.

**References**  
 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 et al., 2006), when there are three or more authors.  
 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). A footnote must be included indicating the name and contact details of the individual cited. Only papers accepted for publication or published may be cited (not those that have only been submitted). At the end of the paper a reference list in alphabetical order should be supplied:

<i>For books</i>	Surname, Initials (year), Title of Book, Publisher, Place of publication. e.g. Harrow, R. (2005), No Place to Hide, Simon & Schuster, New York, NY.
<i>For book chapters</i>	Surname, Initials (year), "Chapter title", Editor's Surname, Initials, Title of Book, Publisher, <i>Place of publication, pages.</i> e.g. Calabrese, F.A. (2005), "The early pathways: theory to practice – a continuum", in Stankosky, M. (Ed.), <i>Creating the Discipline of Knowledge Management</i> , Elsevier, New York, NY, pp. 15–20.
<i>For journals</i>	Surname, Initials (year), "Title of article", <i>Journal Name</i> , volume, number, pages. e.g. Capizzi, M.T. and Ferguson, R. (2005), "Loyalty trends for the twenty-first century", <i>Journal of Consumer Marketing</i> , Vol. 22 No. 2, pp. 72–80.
<i>For unpublished conference proceedings</i>	Surname, Initials (year), "Title of paper", paper presented at Name of Conference, date of conference, place of conference, available at: URL if freely available on the internet (accessed date).  e.g. Aumueller, D. (2005), "Semantic authoring and retrieval within a wiki", paper presented at the European Semantic Web Conference (ESWC), 29 May–1 June, Heraklion, Crete, available at: <a href="http://dbs.uni-leipzig.de/file/aumueller05wiksar.pdf">http://dbs.uni-leipzig.de/file/aumueller05wiksar.pdf</a> (accessed 20 February 2007).
<i>For published conference proceedings</i>	Surname, Initials (year of publication), "Title of paper", in Surname, Initials (Ed.), <i>Title of published proceeding which may include place and date(s) held</i> , Publisher, Place of publication, Page numbers.  e.g. Jakkilinki, R., Georgievski, M. and Sharda, N. (2007), "Connecting destinations with an ontology-based e-tourism planner", in <i>Information and communication technologies in tourism 2007 proceedings of the international conference in Ljubljana, Slovenia, 2007</i> , Springer-Verlag, Vienna, pp. 12–32.
<i>For working papers</i>	Surname, Initials (year), "Title of article", working paper [number if available], Institution or organization, Place of organization, date.  e.g. Moizer, P. (2003), "How published academic research can inform policy decisions: the case of mandatory rotation of audit appointments", working paper, Leeds University Business School, University of Leeds, Leeds, 28 March.
<i>For newspaper articles (authored)</i>	Surname, Initials (year), "Article title", Newspaper, date, pages.  e.g. Smith, A. (2008), "Money for old rope", <i>Daily News</i> , 21 January, pp. 1, 3-4.
<i>For newspaper articles (non-authored)</i>	<i>Newspaper</i> (year), "Article title", date, pages.  e.g. <i>Daily News</i> (2008), "Small change", 2 February, p. 7.

	<i>For electronic sources</i>	<p>If available online, the full URL should be supplied at the end of the reference, as well as a date that the resource was accessed.</p> <p>e.g. Castle, B. (2005), "Introduction to web services for remote portlets", available at: <a href="http://www-128.ibm.com/developerworks/library/ws-wsrp/">http://www-128.ibm.com/developerworks/library/ws-wsrp/</a> (accessed 12 November 2007).</p>
<b>Communication</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 10th May, 2017 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>	<p>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.</p>	