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Ref: PDSTA/2019-22/

Date: 20 Feb 2021

To
Chairman of Sugar Factories
Managing Directors of Sugar Factories
Directors of Research Institutes
Equipment & Machinery Manufactures
Hon Professors of Agriculture Universities
Members of DSTA
All Fellow Technologists connected with Sugar Industry

Sub : 66th Annual Convention of DSTA – Call For Research Papers

Dear Sir/Madam,

All of you are aware that since February 2020, the world is going through one of the most severe Pandemic ever happened to world in last 100 years. The impact of corona Pandemic not only affected the entire fabric of life and work of people all around. DSTA like many other similar institutions had to cancel many activities including the Annual Convention 2020 to ensure that we comply with the guidelines issued by the Government from time to time. Even though the pandemic has still not fully subsided, however with the availability of vaccine and substantial containment of pandemic, the Government has permitted resumption of normal activities while following the safety norms. In anticipation that in the coming months situation would normal as was during pre – pandemic times, DSTA is pleased to announce their Annual Convention and Sugar Expo 2021, planned to be held in Pune from 21st May 2021 to 23rd May 2021.

DSTA invites quality research papers from you and other professional willing to write research articles in the below mentioned four Sections:

- Agriculture,
- Manufacturing [Processing],
- Engineering,
- Co-Products and Management.

Papers that are accepted and presented during the convention will only be considered as being eligible for 1st and 2nd prizes of DSTA as well as Late Mangalsingh Memorial Gold Medal. This year it has been decided that the papers for the convention are being invited well in advance so that they can be properly edited, printed and circulated before the convention and delegates attending the convention shall be well prepared to discuss these papers during the deliberations in the convention. Hence we appeal to all members of the association and also those who have worked on some project related to Sugar Industry, to submit their papers well in advance.

The operating personnel are the right people to pen down their experiences with the

modification in their equipment and to reveal to the convention their achievements.

On the Agriculture side, many factories try different techniques in cane plantation, cane variety, harvesting programs, Ratoon Management esp. during drought etc. The results of such experiments must come to the knowledge of other factories and members.

DSTA sincerely expects that greater and factories/Academic Institution should encourage their technical and agriculture staff to write their research and development activities so that knowledge is shared for the benefit all the stake holders. We sincerely appeal to think on the above lines and contribute to the development of the industry.

The presentation of papers will be in following three parallel sessions:

- a. Agriculture,
- b. Engineering followed by Factory Processing,
- c. Co-product and Management.

All the technical papers to be forwarded by E-mail to DSTA office on info@dstaindia.com and with copy to following designated chief editors on or before 15th April 2021

If you need any help, please contact the following designated Chief Editors

Name	Contact Details	Remarks
Mr. C. G. Mane, Chief Editor	Mobile :9970849610 E Mail:cg_mane@hotmail.com	For all Papers except Agriculture Section
Dr.Suresh.M.Pawar	Mobile:9423807550 E Mail:sm1pawar16@gmail.com	For Agriculture Section

Guidelines for preparing technical papers are appended. **The members should submit the enclosed Certificate of originality along with the paper.**

Thanking you,

Yours Sincerely

(Shripad. Gangavati)
President - DSTA

'CERTIFICATE OF ORIGINALITY' BY THE AUTHOR[s]

Title of the Paper [To be filled by the author] submitted to DSTA for the 66th DSTA ANNUAL CONVENTION.

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]. DSTA will not accept liability for such statements,
4. The Paper meets ethical standards applicable to the research disciplines,
5. All Authors[s] have read the Paper and have agreed to its publication.

Author's Name DSTA Membership Number [if any].....

Author[s] Signature..... Date.....

Guidelines for submitting the Technical Papers for publication in Annual Proceeding (2021) of the DSTA	
Format	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.
Article Length	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.
Article Title	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
Article Page	Except the first page, numbering of all pages should be done on the bottom right
Author Detail	<p>The author’s name (Full author name) and the complete mailing address (Department, Institute, City, and 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>
Acknowledgement	Acknowledgements should not be more than 50 words.
Abstract	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.
Keywords	Immediately following the abstract, authors should write “Keywords: ………” and include at the most 8 keywords indicating the contents of the articles.
Article Classification/ Section	<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>The paper should be categorized under one of the following 4 Sections:</p> <p>1. Agriculture Section: 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</p>

	<p>insects, pests & diseases, molecular genetics in sugarcane, water management, mechanization of sugarcane cultivation, Ratoon management sugarcane crop and Ratoon crop management under drought situation etc.</p> <p>2. Manufacturing Processing Section: 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.</p> <p>3. Engineering Section: 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. Papers on Innovation in area of Energy Efficiency and Conservation may emphasize on the measures For effective utilization and conservation of energy.</p> <p>4. Co Products and Management Section: 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. 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>
Headings	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.
Main text	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.
Notes /End Notes Figures	<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>The diagrams, drawings, graphs etc. must be prepared on high quality papers in Black Ink. The size of diagrams should not exceed 23cm x 16cm. Photographs if any should be printed on glazed paper.</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>
Certificate	Authors are required to provide a Certificate specifying communicated for publication elsewhere. In the absence of this certificate, the papers are liable to be rejected. 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.

Tables	<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. A complete list of tables with titles should be presented on a separate sheet of paper where necessary. The papers should have the data at least for 3 years.</p>								
Equations	<p>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, so that errors, changes or corrections can be applied to the electronic document. If appropriate, the equations should be numbered.</p>								
Abbreviations and Symbols	<p>Names of chemicals should be written out in the text, at least at their first occurrence, except when</p> <p>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.</p>								
Scientific Name	<p>Use capital letters sparingly. Do not confer capital letters on every mill station, tool, piece of</p> <p>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.</p>								
References	<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, and (Adams et al., 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). 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:</p> <table border="1" data-bbox="400 1541 1495 2054"> <tr> <td data-bbox="400 1541 568 1585"><i>For books</i></td> <td data-bbox="568 1541 1495 1585">Surname, Initials (year), Title of Book, Publisher, Place of publication.</td> </tr> <tr> <td data-bbox="400 1585 568 1854"><i>For book Chapters</i></td> <td data-bbox="568 1585 1495 1854">E.g. Harrow, R. (2005), No Place to Hide, Simon & Schuster, New York, NY. Surname, Initials (year), "Chapter title", Editor's Surname, Initials, Title of Book, Publisher, <i>Place of publication, pages. e.g. Calabrese, F.A. (2005), "The early pathways: theory to practice – a continuum", in Stankosky, M. (Ed.), Creating the Discipline of Knowledge Management, Elsevier, New York, NY, pp. 15–20.</i></td> </tr> <tr> <td data-bbox="400 1854 568 2011"><i>For journal</i></td> <td data-bbox="568 1854 1495 2011">Surname, Initials [year], "Title of article, Journal Name, 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.</td> </tr> <tr> <td data-bbox="400 2011 568 2054"><i>For</i></td> <td data-bbox="568 2011 1495 2054">Surname, Initials (year), "Title of paper", paper presented at Name</td> </tr> </table>	<i>For books</i>	Surname, Initials (year), Title of Book, Publisher, Place of publication.	<i>For book Chapters</i>	E.g. Harrow, R. (2005), No Place to Hide, Simon & Schuster, New York, NY. Surname, Initials (year), "Chapter title", Editor's Surname, Initials, Title of Book, Publisher, <i>Place of publication, pages. e.g. Calabrese, F.A. (2005), "The early pathways: theory to practice – a continuum", in Stankosky, M. (Ed.), Creating the Discipline of Knowledge Management, Elsevier, New York, NY, pp. 15–20.</i>	<i>For journal</i>	Surname, Initials [year], "Title of article, Journal Name, 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</i>	Surname, Initials (year), "Title of paper", paper presented at Name
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	<i>Unpublished conference proceedings</i>	of Conference, date of <i>unpublished</i> conference, place of conference, available at: URL if freely available on the internet <i>conference</i> (accessed date). 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 <i>papers</i> 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>	If available online, the full URL should be supplied at the end of the reference, as well as a <i>date</i> that the resource was accessed. e.g. Castle, B. (2005), "Introduction to web services for remote port lets", available at: http://www-128.ibm.com/developerworks/library/ws-wsrp/ (accessed 12 November 2007).
Communication with DSTA	<p>In addition to the soft copies, a hard copy of all relevant information must be submitted. Authors must ensure that soft copies of their work are free from viruses. Papers can be copied on a standard CD, or sent as Attachments to E-mails. In case of attachments, size of the files should not exceed 1 Mb. Files bigger than 1 Mb, Must be zipped before attaching with mails.</p> <p>In the absence of above computerized versions, authors may send neatly typed or printed papers on A4 sheets Accompanied by three copies of the figures and tables as described above in triplicate.</p> <p>Send all correspondence, concerning papers to: Ms. Arati Deshpande Executive Secretary, The Deccan Sugar Technologists' Association [India], "DSTA House", 17/1&2, Opp. Shivajinagar S. T. Bus Stand, Pune-411 005. Telephone : 020-25536044 E-mail : info @dstaindia.com /</p>	
General	Papers not found in accordance with the Papers not found in accordance with the	

	<p>instructions or received after the due date would be liable for rejection.</p> <p>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 DSTA Proceedings. Poor quality of English may lead to rejection of the paper.</p> <p>Accepted paper should be presented by author, co-author or any other relevant person on his / her behalf. If he / she fail to do so, without any valid reason, further paper will not be accepted from author</p>
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