

Papers published by VSI scientists & technologists

- **Deshmukh PS, Kharade JP, Phonde DB (2015)**
Use of Humic acid with chemical fertilizers in Sugarcane
Proceedings 11th Joint Convention of STAI and DSTA
336-345
- **Ghodke PV, Phonde DB, Tawar PN (2015)**
Development of Agro-techniques for seed production of sugarcane through tissue culture plantlets
Proceedings 11th Joint Convention of STAI and DSTA
102-110
- **Ghodke PV (2015)**
Advanced techniques of Sugarcane cultivation for improving Sugarcane productivity
Proceedings of State level Conference for sugar mills in Maharashtra, held at VSI Pune in April 2015.
62-68
- **Hapase RS, Repale JM, Pawar DS (2015)**
Evaluation of promising genotypes in central Maharashtra
Proceedings 11th Joint Convention of STAI and DSTA
3-10
- **Kharade JP, Deshmukh PS, Phonde DB (2015)**
Effect of fertilizer levels and foliar application of multinutrients on growth and yield of sugarcane
Proceedings 11th Joint Convention of STAI and DSTA
- **Nerkar G, Farsangi F, Devarumath R (2015)**
Organellar Genome Diversity in *Saccharum* and *Erianthus* spp. revealed by PCR-RFLP
Molecular Plant Breeding 6(11)
1-11
- **Phonde DB, Kausik Banerjee (2015)**
Soil silicon status and integrated use of silicate sources and silicate solubilizing bacterial culture in sugarcane
IJTA, 2nd International Conference on Agriculture, Horticulture and Plant Science
- **Shingote PR, Kawar PG, Pagaria MC, Kuhikar RS, Thorat AS, Babu K (2015)**
SoMYB18, a sugarcane MYB transcription factor improves salt and dehydration tolerance in tobacco
Acta Physiol Plant 37
217-229
- **Shingote PR, Thorat AS, Pal RK, Kharte SB, Nalavade VM, Dhumale DR, Pawar BH, Babu H (2015)**
Detection of Sugarcane Mosaic Virus in Diseased Sugarcane using ELISA and RT-PCR Technique
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319-327

- **Shinde PP (2015)**
 Planting geometry in relation to mechanization in Sugarcane
 Proceedings 11th Joint Convention of STAI and DSTA
 299-307
- **Shinde PP (2015)**
 Fertilizer management through drip irrigation in sugarcane
 Proceedings 45th Annual Convention of SISSTA
 95-98
- **Thorat AS, Muley AB, Shingote PR, Nalavade VM, Babu H (2016)**
 Establishment of sterilization method for emergent quality of sugarcane (*Saccharum officinarum* L.) in an efficient micropropagation system
 RJPBCS 7(2)
 1122-1135
- **Londhe MB, Dumanavar PS, Dani RV (2015)**
 New Formula For Estimation Of Heat Transfer Coefficient (Htc) In Multiple Effect Evaporators
 Proceedings 11th Joint Convention of STAI and DSTA
 674-689
- **Londhe MB, Sidanale VP, Patil RR, Dani RV (2015)**
 Comparative study of Hydrometer Brix % Vs Refractometric Brix % for sugar process daily report preparation
 Proceedings 11th Joint Convention of STAI and DSTA
 660-673
- **Londhe MB, Sidanale VP, Patil RR, Dani RV (2015)**
 Reduction in steam consumption during sugar processing – Present status and future alternatives
 Proceedings of Maharashtra State Level Sugar Industry Conference 2015, VSI
 141-149
- **RV Dani, RN Bhosale**
 Sucrose Based Cane Payment
 Proceedings of Maharashtra State Level Sugar Industry Conference 2015, VSI
 137-140
- **Sapkal DB, Shinde V V**
 Achieving zero water requirement and wastewater minimization in sugar mill- practical experience
 Proceedings of Maharashtra State Level Sugar Industry Conference 2015, VSI
 127-129
- **Sidanale VP, Bhosale RN**
 Sugar quality improvement
 Proceedings of Maharashtra State Level Sugar Industry Conference 2015, VSI
 150-15

- **Paradh AD**
Review: Gram negative bacteria in brewing
Advances in Microbiology,
6 (03)
109-209
 - **Patil RS, Patil SV**
Production of Di-acetyl in molasses fermentation and its separation in distillation- case study
Proceedings 11th Joint Convention of STAI and DSTA
776-787
 - **Deshmane Amol, Darandale Vikas, Nimbalkar Deepali, Nikam TD, Ghole Vikram (2015)**
Sugar mill effluent treatment using *Spirulina* for recycling of water, saving energy and producing protein
International Journal of Environmental Science and Technology: (Published online on 7th Oct 2015) DOI 10.1007/s13762-015-0891-1
(Impact factor of Journal (2014): 2.190)
 - **Deshmane Amol, Nimbalkar Deepali, Darandale Vikas, Rao Pawan Kumar, Ghole Vikram (2015)**
Economical and Energy Saving Option for Sugar Mill Effluent Treatment
Proceedings of 45th Annual Convention SISSTA
263-269
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Paper Presentations

- **Gaikwad HD, Hasabnis SN, Dalvi SG**
Bio-technological approaches for control of purple blotch disease in onion.
Sixth International Conference on Plant Pathogen and People, New Delhi
- **Ingle TS (2015)**
Modern juice extraction options for energy conservation
Maharashtra State Level Sugar Industry Conference 2015, VSI
- **Patil KR (2015)**
Status and potential for surplus power cogeneration in Maharashtra
Maharashtra State Level Sugar Industry Conference 2015, VSI
- **Patil KR (2015)**
Energy conservation for maximizing export power
Sugar conference at K V K, Baramati
- **Patil SV (2015)**
B- Heavy molasses route for enhancing ethanol production and reducing sugars stocks in the country
Maharashtra State Level Sugar Industry Conference 2015, VSI

- **Patil SV (2015)**
Technologies for zero liquid discharge in distilleries and related issues
MRSSK Sangha, Mumbai
 - **Patil SV**
Overview of molasses based distillery industry in India
Vaikunth Mehta National Institute of Co-operative Management, Pune
 - **Patil SV**
Alternate raw materials for enhancing alcohol production
Sugar Conference at K V K, Baramati
 - **Patil SV**
Enhancing fuel ethanol production through B-heavy molasses route
Indian Sugar Mills Association (ISMA)
 - **Patil SV**
Alternate raw materials for enhancing alcohol production
AIDA seminar
 - **Patil SV, Paradh AD, Ingle SR, Dudhane AA**
Cellulosic ethanol production from sugarcane bagasse using individual and mixed yeast cultures
ISSCT Co-products Workshop 2015, Mauritius
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Poster Presentation

- **Thorat AS, Kubade AG, Choudhari V V, Nalavade VM, Babu H**
Factors influencing in Electroporation mediated transformation in sugarcane
International Conference on ‘Innovative Trends in Chemical, Physical and Biosciences - 2016’ organized by Annasaheb Magar Mahavidyalaya, Pune, Maharashtra, India
- **Nalavade VM, Naidu Mokshada, Kale RR, Thorath AS, Babu H**
Study of transient GUS expression in sugarcane using bacterial cells as microporjectiles
International Conference on ‘Innovative Trends in Chemical, Physical and Biosciences - 2016’ organized by Annasaheb Magar Mahavidyalaya, Pune, Maharashtra, India
- **Gawade DB, Pawar BH (2016)**
Antagonism between Elicitor, *Trichoderma* and *Alternaria solani* and its effect on enzymatic activities in Potato
Sixth International Conference on “Plant, Pathogens and People” with the mission “Challenges in Plant Pathology to benefit humankind” at NASC, New Delhi
Technical Session 9 (Bio-prospecting in biocontrol agents for sustainable agriculture), abstracts: pp 431
- **Chandgude RA, Patil PG (2015)**
Modernization related to cogeneration
Proceeding of Maharashtra State Level Sugar Industry Conference 2015, VSI