## SIR T.S. VENKATRAMAN AWRAD FOR BIENNIUM 2020-2021

Fellow of Society for sugarcane research and development (SSRD), 2022, ICAR-SBI, Coimbatore

Fellow of Society for sugarcane research and promotion (SSRP), New Delhi, 2022

Prolific contributor award -SSRD, ICAR-SBI, Coimbatore, 2022

Fellow of Sugarcane Technologists Association of India (STAI), New Delhi, 2022

Foundation Day Award; Best Scientist Award, ICAR-SBI-2021

Fellow of Indian Society of Genetics and Plant Breeding, (ISGPB) IARI, New Delhi, 2020

Reviewer Excellence award, ARCC: 2016,2018,2019,2021, 2022

STAI silver Medal award was received for paper entitled "Genetic Improvement of Sugarcane Varieties developed over Decades by G.Hemaprabha, S. Alarmelu and R.M.Shanthi under Sugarcane Agriculture Section presented during the XI Joint Convention of STAI-DSTA held at Goa or the Year 2015-2016.

Noel Deerr Gold Medal for the paper Co 0212-A High Yielding, High Sugar Midlate Variety for Tamil Nadu by Alarmelu S, Hemaprabha. G, Appunu. C, Annadurai A and Bakshi Ram" in Sugarcane Agriculture Section presented in 74 <sup>th</sup> Annual STAI Convention, 2016 -2017.

Best Research paper Award, 2022 -SSRD, ICAR-SBI, Coimbatore for the paper by G.Hemaprabha, K.Mohanraj, S.Alarmelu and Bakshi Ram (2020). Assessment of breeding methods and parental value of Co canes developed during 1918-2017 Journal of Sugarcane Research 10, 24-31.

G. Hemaprabha, T.S. Sarath, S.Alarmelu, S.P. Adhini et al. 2018. An assessment of high temperature tolerance potential of elite genotypes of sugarcane (*Saccharumspp*.) evaluated in the Peninsular zone of India .Best Poster award: In the International Symposium on Sugarcane Research Since Co 205: 100 Years and Beyond (SucroSym 2017) held from 18-21 Sep, 2018 at Coimbatore

Best Research paper Award, 2017–SSRD, ICAR-SBI, Coimbatore for the paper by: Karpagam E and Alarmelu S (2016). Study of genetic diversity and evaluation of interspecific hybrids of *Saccharum spp.* using SSR markers. Journal of Sugarcane Research, 6(1): 11-26.

Best Research Paper Award, 2014 - SSRD, ICAR-SBI, Coimbatore for the paper by: Alarmelu.S, Nagarajan,R.M. Shanthi,R.M. Hemaprabha,G and Vijayan Nair, (2014). Development and evaluation of backcross progenies of improved *Saccharum spp* for yield and quality traits. Journal of Sugarcane research 4(1): 19-32.

Best Research paper Award, 2013- SSRD, ICAR-SBI, Coimbatore. G.Hemaprabha, T.Sarath, Adhini. S.Pazhany, S.Alarmelu and R.M. Shanthi .2013. An assessment of high temperature tolerance potential of elite genotypes of sugarcane (*Saccharum spp*) evaluated in the peninsular zone of India. J.Sugarcane Research 3(1): 1-8

S.Alarmelu, A.Annadurai, C.Appunu, Ravinderkumar, P.Govindaraj, G.Hemaprabha and K.Mohanraj. Repeatability for economic traits at early stages of selection in sugarcane. Oral paper

presented in National seminar on Recent Advances and Challenges in Sugarcane Research held by UAS, Bangalore, Directorate of research and Zonal Agricultural Research Station, V.C. Farm at Mysore from 22.1.14 -24.1.14. Awarded second best oral presentation. P: 2

- R.M.Shanthi and S.Alarmelu.2014 Improving sucrose content through a recurrent selection scheme in sugarcane P.7 Awarded first best oral presentation
- S. Alarmelu, G. Hemaprabha and R.M. Shanthi .2012. A recurrent selection programme for yield in sugarcane (*Saccharum spp*.) In:, International Symposium on New Paradigms in Sugarcane Research, Sugarcane Breeding Institute. Best poster award.