

**International Journal of Current  
Microbiology and Applied Sciences  
(IJCMAS) NAAS RATING-5.38, ICV-95.39**  
ISSN: 2319-7692 (Print) ISSN 2319-7706 (Online)

An International, Monthly, Online, Free Access, Peer Reviewed,  
Indexed, fast track Scientific Research Journal

**Certificate of Publication**

This is to certify that the following article reviewed by editorial board and published in International Journal of Current Microbiology and Applied Sciences (IJCMAS) ISSN: 2319-7692 (Print) ISSN 2319-7706 (Online).

Int.J.Curr.Microbiol.App.Sci.2019.8.(12):1489-1495

<https://doi.org/10.20546/ijcmas.2019.812.178>

Antioxidant Enzymes Respond to Osmotic Stress in the Leaves of Sugarcane (*Saccharum officinarum* L.)

L. Pote<sup>1</sup>, P. S. Chougule<sup>1\*</sup>, D. V. Shirsat<sup>2</sup>, A. A. Kale<sup>1, 2\*</sup>, R. M. Naik<sup>1</sup>, S. Jadhav<sup>2</sup>, R. M. Garkar<sup>3</sup> and C. A. Nimbalkar<sup>4</sup>

<sup>1</sup>Department of Biochemistry, Post Graduate Institute, <sup>2</sup>State Level Biotechnology Center, Mahatma Phule Krishi Vidyapeeth, Rahuri, Maharashtra, India

<sup>3</sup>Central Sugarcane Research Station, Padegoan, Dist. Satara, Maharashtra, India

<sup>4</sup>Department of Statistics, Post Graduate Institute, Mahatma Phule Krishi Vidyapeeth, Rahuri, Maharashtra, India



*Dr. M. Prakash*  
*Editor-in-chief*

*International Journal of Current Microbiology and Applied Sciences*

[www.ijcmas.com](http://www.ijcmas.com)

[www.excellentpublishers.com](http://www.excellentpublishers.com)



© International Journal of Current Microbiology and Applied  
Sciences (IJCMAS)

[www.excellentpublishers.com](http://www.excellentpublishers.com) [www.ijcmas.com](http://www.ijcmas.com)