

**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.(9):839-850

<https://doi.org/10.20546/ijcmas.2019.809.101>

Genetic Diversity and Principal Component Analysis for Grain Quality and Productivity Traits in Sorghum [*Sorghum bicolor* (L.) Moench]

Ashwini Karadi<sup>1\*</sup> and S.T. Kajjidon<sup>2</sup>

<sup>1</sup>Indian Institute of Horticultural Research, Bangalore-560089, (Karnataka), India

<sup>2</sup>University of Agricultural Science, Dharwad- 580005(Karnataka), 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)