

**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.(5):927-937

<https://doi.org/10.20546/ijcmas.2019.805.107>

Incidence of Whiteflies and Viral Diseases of Bittergourd (*Momordica charantia* L.) in Southern Karnataka, India

S. Onkara Naik<sup>1\*</sup>, G.S. Kannan<sup>2</sup>, V. Venkataravanappa<sup>1</sup> and A.K. Chakravarthy<sup>1</sup>

<sup>1</sup>Division of Entomology and Nematology, ICAR-Indian Institute of Horticultural Research, Bengaluru, Karnataka -560 089, India

<sup>2</sup>Faculty of Agriculture, Gandhigram Rural Institute-Deemed University, Gandhigram, Dindigul, Tamil Nadu- 624 302, 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)