

# 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.2017.6.(4):182-189

<https://doi.org/10.20546/ijcmas.2017.604.021>

Design and Development of Updraft Gasifier Using Solid Biomass

R. Preetha Devi<sup>1\*</sup> and S. Kamaraj<sup>2</sup>

<sup>1</sup>Department of Bioenergy, AEC & RI, TNAU, Coimbatore-03, India

<sup>2</sup>International Institute of Renewable Energy, NERD Society, Vadavalli, Coimbatore, 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)