

**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.2020.9.(10):3675-3690

<https://doi.org/10.20546/ijcmas.2020.910.425>

Physicochemical and Thermal Characteristics of Pine Needle Biochar Briquetted Fuel using Soil, Lime and Cement as a Binder

Akanksha Kumain^{1*}, T. K. Bhattacharya² and Hemant Kumar Sharma²

Department of Farm Machinery and Power Engineering College of Technology, GBPUA&T, Pantnagar, U.S. Nagar-263145, Uttarakhand, India



Dr. M. Prakash
Editor-in-chief

International Journal of Current Microbiology and Applied Sciences

www.ijcmas.com

www.excellentpublishers.com



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

www.excellentpublishers.com www.ijcmas.com