

**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