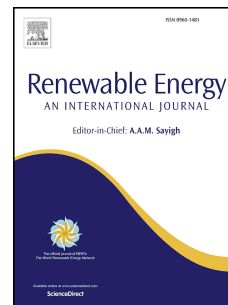


Accepted Manuscript

Optimization of transesterification of biodiesel using green catalyst derived from Albizia Lebbeck Pods by mixture design

N. Subramonia Pillai, P. Seeni Kannan, S.C. Vettivel, S. Suresh



PII: S0960-1481(16)31091-6

DOI: [10.1016/j.renene.2016.12.035](https://doi.org/10.1016/j.renene.2016.12.035)

Reference: RENE 8372

To appear in: *Renewable Energy*

Received Date: 15 May 2016

Revised Date: 6 December 2016

Accepted Date: 16 December 2016

Please cite this article as: Subramonia Pillai N, Kannan PS, Vettivel SC, Suresh S, Optimization of transesterification of biodiesel using green catalyst derived from Albizia Lebbeck Pods by mixture design, *Renewable Energy* (2017), doi: 10.1016/j.renene.2016.12.035.

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

Optimization of transesterification of biodiesel using green catalyst derived from albizia lebback pods by mixture design

N. Subramonia Pillai^{a*} P. Seeni Kannan^b S. C. Vettivel^c S. Suresh^d

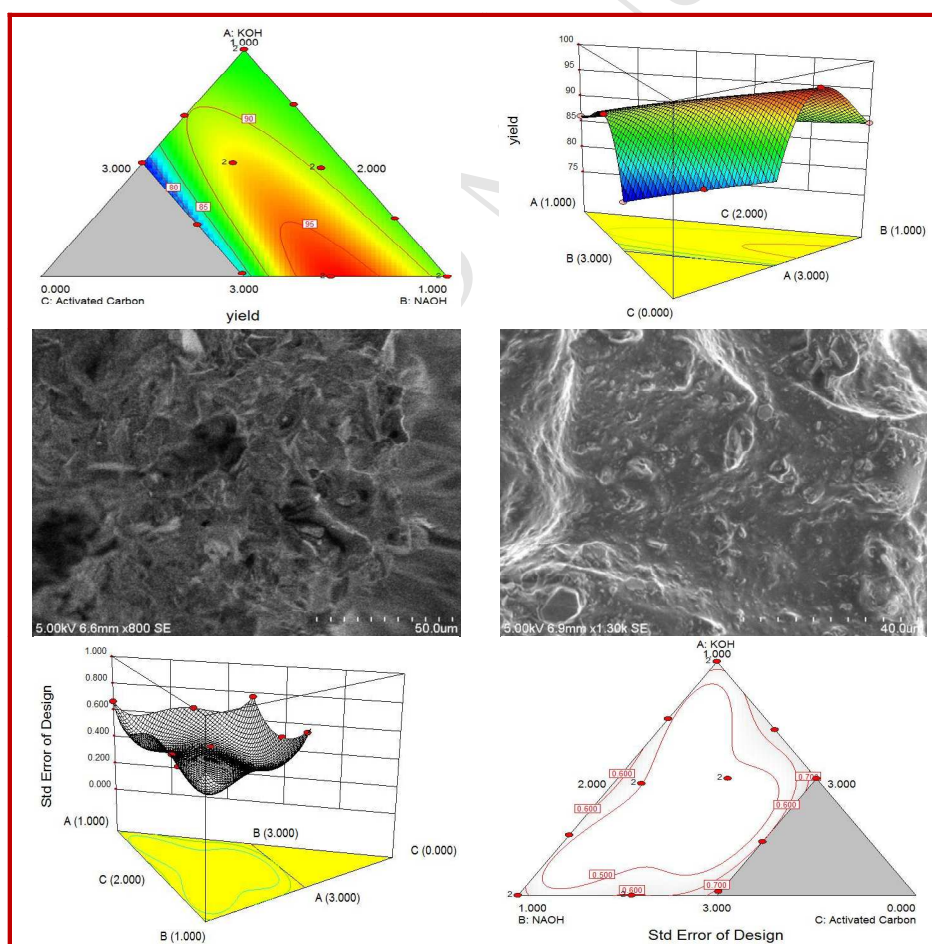
^{a*}Corresponding Author, Department of Mechanical Engineering, Rohini College of Engineering and Technology, Kanyakumari, Tamilnadu, India, Pin: 629 401. E mail: shiva.ice@gmail.com, Tel.: +91-9843743431.

^bDepartment of Mechanical Engineering, Sethu Institute of Technology, Pulloor, Karaiapatti, Tamilnadu, India, – 626115 E mail: seenipkannan@yahoo.co.in, Tel.: +91-9486140536.

^cDepartment of Mechanical Engineering, Chandigarh College of Engineering and Technology, Chandigarh, India. E mail: scvettivel@ccet.ac.in, Phone: +91-9865822376.

^dDepartment of Mechanical Engineering, University College of Engineering, Nagercoil, Tamilnadu, India, Pin: 629 004. E-mail: ssuresh2009@gmail.com, Tel.: +91- 9443494576.

Graphical Abstract



Download English Version:

<https://daneshyari.com/en/article/4926782>

Download Persian Version:

<https://daneshyari.com/article/4926782>

[Daneshyari.com](https://daneshyari.com)