

PRIYANKA CHAND
Graduate (Ph. D.) student

EDUCATION

Master of Science

Jan 2007–Dec 2008

Major: Agricultural Engineering

Iowa State University, Ames, IA, USA

Thesis title: ‘Enhancing biodiesel production from soybean oil using ultrasonics’.

Bachelor of Technology

Aug 2002–Jun2006

Major: Agricultural Engineering

College of Engineering, G.B. Pant University of Agriculture and Technology, Pantnagar, India.

Project: ‘Extraction of oil from *Jatropha curcas L.* using hydraulic press to optimize oil extraction as a function of process parameters such as pressure, time, and bed thickness and subsequent conversion of oil into biodiesel’.

PUBLICATIONS

P. Chand, V. R. Chintareddy, J. G. Verkade, D. Grewell, Enhancing Biodiesel Production from Soybean Oil Using Ultrasonics, *Energy & Fuels*, 2010 24(3), 2010–2015.

P. Chand, Ch. V. Reddy, J. G. Verkade, T. Wang, D. Grewell, Thermogravimetric Quantification of Biodiesel Produced via Alkali Catalyzed Transesterification of Soybean Oil, *Energy & Fuels*, 2009 23(2), 989–992.

AWARDS

J. van Leeuwen, T. H. Kim, D. Grewell, S. Beattie, J. Verkade, D. Mitra, V. R. Chintareddy, **P. Chand**, M. Montalbo-Lomboy, C. Ziel, Mycofuel Process for Biodiesel from Lignocellulosics, 2009, R & D 100 Award.

CURRENT RESEARCH

Ultrasonic assisted extraction of oil from oleaginous yeast *Cryptococcus curvatus* and conversion of oil into biodiesel using homogeneous and heterogeneous catalysis.

HOME COUNTRY

India