

Dr. D. KRISHNA SANDILYA

Assistant Professor

Department of Chemical Engineering

Indian School of Mines, Dhanbad – 826004

Jharkhand, India

Telephone : +91-326-223-5066 (O)

E-mail : dksandilya@gmail.com



Education

Ph.D. in Chemical Engineering (2011)

Indian Institute of Technology Madras (IIT-M), Chennai, Tamil Nadu, India.

Thesis: Intensification of Solid Dissolution Process using Power Ultrasound

Thesis Advisor: Prof. A. Kannan, Department of Chemical Engineering, IIT-M.

M. Tech. in Chemical Engineering with specialization in Plant Design (2004)

Osmania University (OU), Hyderabad, Andhra Pradesh, India.

Thesis: Studies on Flow Structure of Liquid–Solid Circulating Fluidized Bed (LSCFB)

Thesis Advisor: Prof. V. V. Basava Rao, Department of Chemical Engineering, University
College of Technology, OU.

B. Tech. in Chemical Engineering (2000)

Swami Ramananda Tirtha Institute of Science and Technology, Nalgonda (Affiliated to JNT
University, Hyderabad), Andhra Pradesh, India.

Work Experience

- May 2013 onwards: Assistant Professor,
Department of Chemical Engineering,
Indian School of Mines, Dhanbad, Jharkhand, India.
 - Aug 2011 – Apr 2013: Associate Professor,
Department of Chemical Engineering,
Vignan University, Vadlamudi, Andhra Pradesh, India.
 - Aug 2003 – Jul 2004: Assistant Professor,
Department of Chemical Engineering,
DVR College of Engineering and Technology, Kashipur,
Medak (Dt.), Andhra Pradesh, India.
-

Areas of Research Interest

- Microreactors
- Ultrasound assisted mineral processing
- Pyrolysis kinetics
- Intensification of Chemical Processes

Research Guidance

PhD

Completed: NIL

Ongoing: 04