



NCL Innovations
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**NCL Innovations Seminar Series:
18th Talk**

(in partnership with Venture Center)

**Case Studies and Insights
in Technology
Development for Rural
India**

by

Prof. Vishal R. Sardeshpande
Adjunct Associate Professor, Centre for
Technology Alternatives for Rural Areas
(CTARA), IIT Bombay

On

Saturday, 25 Nov 2017

Time: 2.30 pm – 3.30 pm

Venue: Lecture Theatre, Venture Center
100, NCL Innovation Park
Dr. Homi Bhabha Road, Pune – 411008

Register here
<http://bit.ly/2z4XGC1>

Talk followed by networking tea



Prof. Vishal R. Sardeshpande
Adjunct Associate Professor, Centre for Technology
Alternatives for Rural Areas (CTARA), IIT Bombay

Abstract:

The technology practices in rural areas have evolved over the time. Adoption of new technology requires careful investigations of ground realities in rural setup. The talk is focused on case studies of adoption of solar thermal product developed for industrial process heat application but was requested in rural and informal sector. The case studies will illustrate and contrast the challenges for technology development for industrial applications and rural / informal sector.

About the speaker

Dr. Sardeshpande has 21 years of experience in energy efficiency, product development from idea to commercialization, thermal and energy system application engineering in formal and informal sectors.

He does application driven research where he integrates theory and practice, working from lab to industry scale.

He has demonstrated his technical and team-building skills for product development of solar concentrator for process heat application.

He has demonstrated his energy efficiency skills in ESCO (Energy Service Company) mode for industrial sectors like Paper, Textile, Oleo-chemical and Glass and data driven engineering analysis for packaging machines, boilers, cooling towers, compressed air etc.

He is working for MSMEs (Micro Small Medium Enterprises) in rural areas for improving their productivity and profitability through technology interventions and application engineering.

He authored more than 21 publications in internal journals and conferences and applied for 6 patents.

He is a Certified Energy Auditor from the Bureau of Energy Efficiency, Government of India and consulted more than 50 energy efficiency projects in different industrial sectors.

About NCL Innovations Seminar Series

The NCL Innovations Seminar Series shall focus on models, institutional mechanisms, best practices, experiences and role models relating to technology acceleration, technology commercialization and new venture development.