



# Solar photovoltaic technology and system by chetan singh solanki pdf

Who is Chetan Singh Solanki?

Chetan Singh Solanki, Ph.D., is Associate Professor in the Department of Energy Science and Engineering at Indian Institute of Technology Bombay (IITB). He is the recipient of Young Scientist Award from European Material Research Society (2003), Young Investigator Award from IIT Bombay (2009) and several other awards for paper presentations.

Who is Dr Solanki & what is he doing at IIT Bombay?

Dr. Solanki is currently one of the principal investigators of National Center for Photovoltaic Research and Education(NCPRE) at IIT Bombay which is funded by MNRE. He is also running a project for providing solar lamps to millions of students in rural areas ().

What are some good books about solar energy technology & systems?

He has also authored several books including Solar Photovoltaic Technology and Systems: A Manual for Technicians, Trainers and Engineers and Renewable Energy Technologies: A Practical Guides for Beginners, published by PHI Learning, New Delhi.

This comprehensive training manual discusses the various aspects of solar PV technologies and systems in a student-friendly manner. The text deals with the topics such as solar radiation, various types of batteries, their measurements and applications in SPV systems emphasizing the importance of solar PV technology in renewable energy scenario.

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Chetan Singh Solanki. chetanss@iitb.ac . ... Chetan S. Solanki "A novel two step metallization of Ni/Cu for low concentrator c-Si solar cells", Solar Energy Materials and Solar Cells Volume 94, ssue 12, December 2010, Pages 2094-2101 ... Department of Energy Science and Engineering Indian Institute of Technology Bombay Powai, Mumbai ...

His research areas of interest include PV cells and systems, high efficiency c-Si cells, Si-nanostructures for PV applications, thin film c-Si solar cells and concentrated PV systems. Dr. Solanki is currently one of the principal investigators of National Center for Photovoltaic Research and Education (NCPRE) at IIT Bombay which is funded by MNRE.

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