

PROFILE

Ms. SONAL SINGH

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EDUCATIONAL DETAILS

M.Tech (Nanotechnology), Jamia Millia Islamia, New Delhi
B.Tech (Electronics and Communication), Inderprastha college, UPTU

AREA OF INTEREST

Nanotechnology, Electronics & Communication, Natural Energy and Solar Devices,
Hydrogen

RESEARCH EXPERIENCE

Research experience in the field of hydrogen, solar and photovoltaic at in house campus of Ministry of New and Renewable Energy, Gurgaon.

RESEARCH ARTICLES /PAPER PUBLICATIONS

Chapter on “Hydrogen: Value Chain and its Challenges as a Future Fuel” published in Energy Book Series titled *“Materials and processes for energy: communicating current research and technological developments”*, Spain, 2014.

Paper on *“Photo-catalysis: Renewable and cost-effective approach for producing Hydrogen”* presented at International 10th Hypothesis Hydrogen and Fuel Cell Conference, Scotland, UK, June 2013.

An article on *“Hydrogen and its Prospects for Future Fuel”* published in Akshay Urja, Newsletter of MNRE, Vol. VI, Issue 4, February 2013.

Paper titled *“Biomass to energy- Thermo-chemical Process”* published in Journal of Petrotech, Vol. VII Issue 7 October - December 2012, Pg 70-74.

An article on *“Fuelling the Future- Hydrogen”* published in Indian Oil News, Vol. XLIX, No.3, March 2012.

An article titled *“Hydrogen Economy-A Bridge to sustainable and clean energy”* published in The Journal of Petrotech (JoP), Vol. VII, Issue 4, Jan-March 2012.

An article published on *“Hydrogen Production and its Applications”* in UPES Energy news, Vol. 1, January 2012.

NATIONAL / INTERNATIONAL CONFERENCE ATTENDED

National Conferences: 12

International Seminars: 04

Workshops: 03