



A Seminar Report

On

"ENERGY SWARAJ"

Organized at

VIDYABHARTI TRUST CAMPUS, UMRACKH

College Name: S. N. Patel Institute of Technology & Research Centre, Umrakh
 Bhulabhai Vanmalibhai Patel Institute of Technology, Umrakh
 Shree Naranjibhai Lalbhai Patel College of Pharmacy, Umrakh
 Vidyabharti Trust College of BBA & BCA, Umrakh
 Vidyabharti Trust College of MCA, Umrakh

Brief Description:

Event Name	Energy Swaraj
Date	25/01/2021, Monday
Venue	Workshop Auditorium
Chief Guest	Dr. Chetan S. Solanki, IIT Bombay
Event Coordinator	Prof. Vishal Dhimmam and Prof. Chirag B. Patel

Brief Profile of Energy Swaraj Foundation:

Energy is a significant driver of social and economic growth and has become an essential part of human survival. However, the use of fossil fuel-based energy, which constitutes nearly 80% of the energy basket, is also a major culprit of climate change. Climate change is real and its catastrophic effects are increasing with each day passing. In the wake of climate change, energy access, energy security, and energy sustainability, renewable energy solutions are required.

A great responsibility lies on the humans to choose the right source of energy that is technologically feasible, economically viable, socially acceptable, institutionally implementable, and environmentally friendly. The localized energy self-sufficiency or "Energy Swaraj" is the solution to counter this energy and the climate crisis at the same time. Energy Swaraj is an extension of Mahatma Gandhi's idea of "Gram Swaraj", which propagates self-sufficiency and self-reliance of villages in production and consumption of goods required for living. The Energy Swaraj is based on the Avoid Minimize and Generate (AMG) principle which advocates being a disciplined user of energy first before generating

solar energy to fulfill our needs. Disciplined and efficient users of energy reduce the user's energy requirements significantly.

The Energy Swaraj Foundation (ESF) is a not-for-profit, non-governmental, non-religious company, formed to establish Energy Swaraj across the world. The motto of the ESF is "Energy by Locals for Locals". Energy Swaraj Foundation emphasizes on inculcating discipline and self-evaluation in energy usage by rearranging the habits. On the one hand, it will bring awareness by educating all age-groups, while, on the other hand, it provides end- to-end solar solutions on the climate emergency.

The Foundation works under the simple philosophy "There is no Planet B. Save the Planet A."

The Foundation collaborates with local academic institutions to establish "Energy Swaraj Ashrams" or solar incubation centers to enable and nurture local entrepreneurs.

The Foundation is working in the 'public movement' mode. Its Energy Swaraj Movement is planned from 1st Jan 2020 to 31st Dec. 2030, which is in line with the United Nation's Sustainable Development Goals.

Energy Swaraj Yatra:

Energy Swaraj Yatra is planned across the country starting from October 2020 until December 2030, nearly 11 years long yatra, to create Energy Swaraj as public movement. The Yatra sets to bring a philosophical understanding and practical acceptance in society, at large, for the adoption of the solar solutions in a disciplined manner for fulfilling 100% energy needs. The objectives of the yatra are envisaged to be achieved in the following manners:

1. Creating a public movement by bringing in philosophical understanding and practical acceptance for solar solutions
2. Making people aware about the relationship between energy and climate change
3. Creating a vast network of local entrepreneurs to establish Energy Swaraj
4. Providing hands-on training to students and entrepreneurs
5. Encouraging people to become disciplined user of energy
6. Promoting localized assembly, supply, installation and repairs of products and solutions
7. Promoting efficient and DC Products
8. Creating supply chain of components for RE solutions
9. Generating confidence of communities in solar technology through demonstrations
10. Providing inputs for creation of conducive energy policies nationally and internationally

Pioneer of Energy Swaraj Foundation:

Dr. Chetan Singh Solanki, Professor, IIT Bombay and Founder of Energy Swaraj Foundation had coined the term “Energy Swaraj”. Following Gandhian ideals, Prof. Solanki has envisaged the idea of Energy Swaraj wherein locals generate and consume their own energy. Energy Swaraj is now a key instrument towards sustainability and climate change mitigation.



Prof. Solanki has been referred to as “Solar Man of India” by Times of India, The Hindu and India Today. Some people also call him “Solar Gandhi”. Known for his remarkable work in the field of Solar, he is an educator, innovator, researcher, entrepreneur, and author.

He had received many awards and accolades which include two Guinness World Records in 2009, Young Scientist award in 2003, Young Investigator award in 2009 and many more.....

GLIMPSES OF SEMINAR



The event inaugurated with a lamp lightning by Dr. Chetan Solanki, Dr. Piyush Jain, Dr. Dhiren Shah, Dr. Atul Shah and Prof. Vishal Dhimmar



Dignitaries (From Left to Right) Dr. Dhiren Shah, Principal, Pharmacy College, Dr. Atul Shah, Principal, Diploma College, Dr. Piyush Jain, Principal, Degree College, Dr. Chetan Solanki, Founder, Energy Swaraj Foundation, Dr. Rajni Solanki, Wife of Dr. Chetan Solanki



Inaugural Speech by Dr. Payal Mahida, BBA/BCA



*Floral Welcome to Dr. Chetan Solanki (Right)
by Dr. Piyush Jain (Left)*



Expert Speech by Dr. Chetan Solanki



Audience from all the institutes of Campus



Valedictory Speech by Prof. Vishal Dhimmar



*Token of respect by Dr. Piyush Jain (Left) to
Dr. Chetan Solanki (Right)*



Demonstration of Energy Swaraj Bus



Felicitation of Dr. Chetan Solanki by Shri. Kiritbhai Patel (Secretary) and Shri. Ashwinbhai Patel (Co-Secretary)

SEMINAR BANNER



VIDYABHARTI TRUST INSTITUTIONS

(Managed By VidyaBharti Trust, Umrah)



Energy Swaraj Foundation
Energy by Locals for Locals

Speaker



Dr. Chetan S. Solanki
Professor, Department of Energy
Science & Engineering, IIT Bombay

Organized Seminar on Energy Swaraj

Date: 25 January 2021



:: VidyaBharti Trust Institutions ::



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At & Po. Baben, Ta: Bardoli, Dist: Surat, Gujarat, India, Pin: 394601