

INSTITUTE INNOVATION COUNCIL

Pt. Ravishankar Shukla University, Raipur [C.G.] 492010

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Report- "Environment-Friendly Energy Product Startup: 6 Points Understanding Climate Change and Corrective Actions"

The Institute Innovation Council in association with Institute of Renewable Energy Technology and Management, Pt. Ravishankar Shukla University organized "Environment-Friendly Energy Product Startup: 6 Points Understanding Climate Change and Corrective Actions" Program on August 22, 2024. The event took place at the university auditorium. The program was conducted under the leadership of the Vice-Chancellor, Dr. Sachchidanand Shukla, with Dr. Chetan Singh Solanki as the chief guest.

The event began with the lighting of a lamp and Saraswati Vandana, followed by the university song and the Solar Development Anthem. The chief guests were welcomed, and Dr. Kavita Thakur honored Dr. Chetan Singh Solanki with a garland, coconut, and flute.

Dr. Kavita Thakur then welcomed all attendees and explained the subject and objectives of the program, emphasizing that climate change is not a future issue but a current problem.

Dr. Chetan Singh Solanki shared his life journey and his current 11-year journey, during which he travels in a fully solar-powered bus named "Energy Swaraj". He remarked that while we are becoming more powerful, we are forgetting our philosophy—that a king should become a philosopher and a philosopher should become a king. We know what needs to be done, but not how much, why, or for what purpose.

He outlined six points: 1. What has changed, 2. Why it has changed, 3. Who has changed it, 4. When to start correcting it, 5. How to correct it, 6. What an individual can do. He discussed climate change, including forest fires, melting ice, and rising sea levels. He noted that floods and forest fires have increased nearly fivefold compared to the past. The heat has risen so much that glaciers are melting, and sea levels are rising by 4.5 millimeters per year, totaling 102.5 millimeters, which is a serious concern. Dr. Solanki emphasized that "Energy is Everything." Energy consumption has significantly increased, with 16 trillion rupees spent on energy imports in our country. We depend heavily on energy sources like coal, petrol, and diesel, which release carbon gases, contributing to pollution and rising temperatures. This has led to severe climate change, with 2023 being the hottest year in human history.

He stressed that our natural resources are finite, and we treat the environment as a waste bin. Carbon gases are dangerously released into the atmosphere, causing drastic temperature changes. If we do not address these issues promptly, the rate of change could threaten human life. Dr. Solanki suggested that drastic and immediate steps are needed, including shifting to 100% solar energy. He outlined the Solanki Fundamental Law with the following principles: Limit Your Consumption - We should decide how much we need based on our use and necessity. Localize Your Production - Use local resources to reduce energy loss. He proposed a 3-step approach with the formula AMG (Avoid, Minimize, Generate).

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One-third of our consumption can be avoided, another third minimized to essential use, and the final third should be generated through solar energy.

Dr. Solanki urged everyone to join the "Energy Swaraj" movement and take personal action. He mentioned that we should not wait for plans or government actions but act individually. He described "Energy Swaraj" as a public movement and shared four actions for climate protection:

1. Understand and learn about energy - A 3-hour certificate course is available on their portal.
2. Wear unpressed clothes one day a week - To save energy.
3. Save unused electricity - Avoid unnecessary electricity use.
4. Install a solar room in every house - Small steps we can take.

The Session on "Environment-Friendly Energy Product Startup: 6 Points Understanding Climate Change and Corrective Actions at Pt. Ravishankar Shukla University was an immense success thanks to Dr. Chetan Singh Solanki's contributions and all the professors and students present there who participated in the session." The event successfully raised awareness among all participants. The lecture concluded with a Q&A session, and attendees were invited to view the "Energy Swaraj" bus

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Photos of Event

