



**SILVER OAK
UNIVERSITY**
EDUCATION TO INNOVATION



IEEE

Silver Oak University
IEEE Student Branch



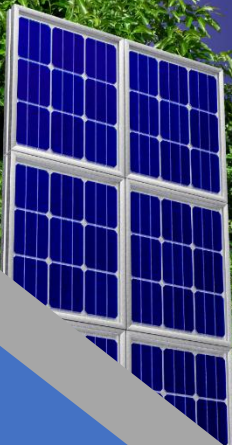
A REPORT ON
**Empowering the Future: Clean Energy,
Smarter Grids, Better Lives**

Date: 24th April 2025

Venue: EA-803, E-Block, Silver Oak University

EMPOWERING THE FUTURE

**CLEAN ENERGY, SMARTER GRIDS,
BETTER LIVES**



Introduction:

"Empowering the Future: Clean Energy, Smarter Grids, Better Lives", an event organised by **Silver Oak University IEEE SIGHT Student Branch Group** and **Silver Oak University IEEE Student Branch** in collaboration with **IEEE SIGHT Gujarat Section** as part of the **IEEE PES Day Celebration**. This event aimed to raise awareness about environmental protection, adding valuable insights on safeguarding the environment and ensuring the sustainability of our future.

About the Speaker:

The event was led by the **IEEE PES Day Ambassador** in **Region 10** for **2025**.

- **Prof. Digant Parmar**, Assistant Professor, Department of Computer Engineering, SOCET; Counsellor, Silver Oak University IEEE Student Branch; Advisor, Silver Oak University SIGHT Student Branch Group.

About the Session:

Date: 24th April 2025

Time: 02:00 P.M. - 04:30 P.M.


Venue: EA-803, E-Block, Silver Oak University

Participants: 40

As a part of IEEE PES Day Celebration, the event commenced with the poster-making competition, where participants creatively shared their vision for a greener future, showcasing innovative ideas on environmental protection and sustainable energy. The activity encouraged awareness through art, highlighting the impact of visual communication over traditional methods.

Following the competition, an informative session was conducted by Prof. Digant Parmar, where he initiated the discussion with the theme of "Clean Energy, Smarter Grids, Better Lives", prompting participants to share their views. The session addressed critical environmental concerns, including fossil fuel conservation, CO₂ emissions and the importance of adopting sustainable practices such as tree plantation, reducing dependencies on fossils and shifting towards renewable resources like solar energy and wind energy.

The expert also introduced attendees to the concept of "Phantom Load", urging them to switch off unused appliances to conserve electricity. He emphasized the potential to save up to 40 kWh annually through mindful energy saving habits like switching the charging ports off when not needed. The session concluded with insights into Green Hydrogen and its role as a cleaner energy alternative, citing Hyderabad's efforts in this domain. The event successfully




combined creativity and education to promote environmental awareness. As the session concluded, a short interactive quiz was conducted to reinforce the key takeaways and encourage active participation, followed by the distribution of saplings to attendees as a symbol of environmental commitment and a step toward greener tomorrow.

Conclusion:

The event stood out as a meaningful initiative that blended creative engagement with environmental education. The poster-making competition served as a powerful medium to raise awareness, while Prof. Digant Parmar's insightful session emphasized practical steps toward sustainability. The participants' enthusiasm and creativity, along with the symbolic gesture of presenting a plant sapling, reinforced the message of environmental responsibility, leaving a lasting and impactful impression.

The success of IEEE PES Day 2025 was made possible by the guidance and support of Dr. Satvik Khara Sir, Dean, College of Technology, Design and Computer Application; IEEE Senior Member; Chairperson, SIGHT, IEEE Gujarat Section; Chairperson, Technical Activity, Computer Society, IEEE Gujarat Section; Advisor, Silver Oak University IEEE Computer Society Student Branch Chapter; Founding Member, Silver Oak University IEEE Student Branch.



Some glimpses of the event:



Attendees designing thoughtful artworks for the environmental poster competition



Prof. Digant Parmar conducting a session on clean energy, smarter grids, better lives



Attendees sharing their perspectives on how to preserve and protect the environment



Prof. Digant Parmar handing sapling to attendees as a gesture of environmental commitment