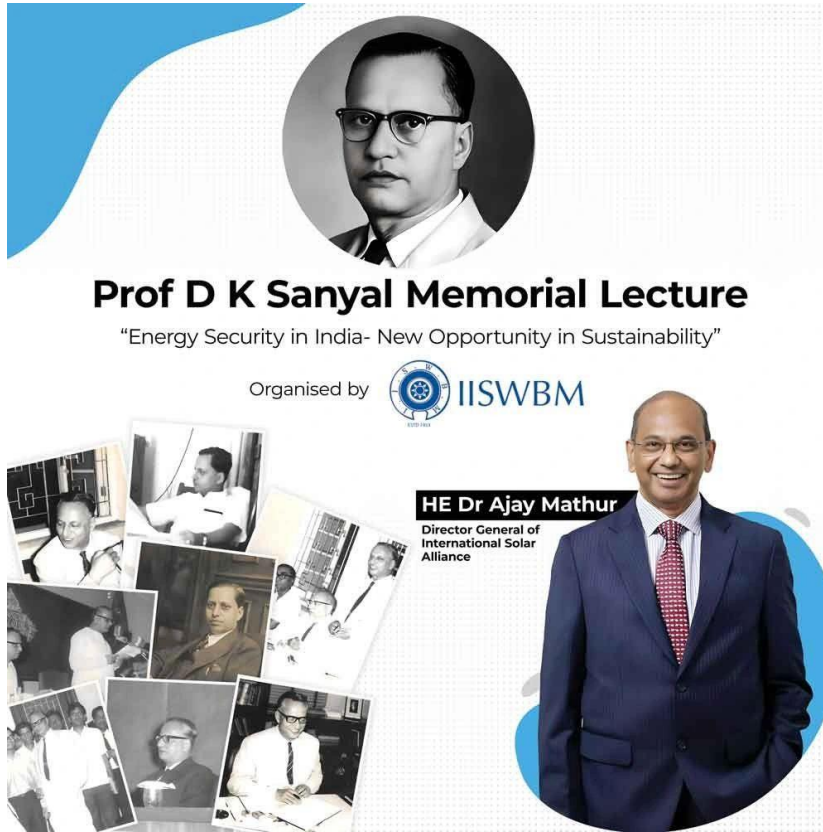




## D K Sanyal Memorial Lecture on “Alliance on Energy Security in India – New Opportunities in Sustainability” by HE Dr Ajay Mathur, Director General International Solar



The D.K. Sanyal Memorial Lecture at IISWBM on 8th January 2025 focused on India's energy security and sustainability. Held in honor of Professor D.K. Sanyal's legacy, the event highlighted his significant contributions to promoting collaboration and innovation in management education.

Professor Dr. Sujit Kumar Basu inaugurated the session, highlighting the pivotal role of energy management in driving sustainability. The next speaker was Mr. D K Sanyal, Treasurer, BoT, IISWBM who provided a brief about his father Late Prof. D K Sanyal and the legacy of the lecture

series. The vote of Vote of thanks was provided by Prof (Dr) K M Agrawal, Director (Acting), IISWBM. The programme was conducted by Prof. Piyali Sengupta, Assistant Professor, IISWBM.

HE Dr Ajay Mathur, Director General, ISA stressed the importance of a balanced energy transition for India, advocating for the integration of clean energy sources alongside conventional fuels to sustain economic growth. The lecture aimed to foster awareness on strengthening energy security, expanding access, and mitigating climate change.



Dr. Ajay Mathur celebrated a landmark achievement in India's renewable energy journey. Dr. Mathur also addressed electric vehicle (EV) adoption, particularly in rural areas with unreliable electricity. He proposed solar-powered charging stations with battery storage to ensure consistent EV power supply, bridging the rural-urban adoption gap. He also introduced green steel as a decarbonization strategy for the steel industry, advocating hydrogen-based reduction methods that emit only water. Drawing from Sweden's pioneering efforts, he stressed the need for hydrogen-ready plants and safety regulations in India. Mathur shared success stories from Bihar and Uttar Pradesh and emphasized their potential in addressing energy poverty globally, particularly in Africa.



Dr. Mathur urged collaboration among governments, industries, and individuals to tackle challenges in land acquisition, infrastructure, financing, and technology adoption. He identified key growth areas, including solar mini-grids, green steel, and EV infrastructure, emphasizing their role in achieving energy security and sustainability. The lecture inspired the audience to contribute to this transformative journey toward a cleaner, more equitable energy future. The







memorial lecture was followed by a panel discussion on **Net Zero: Rhetoric or Reality**. The Panelists presents were Dr. Ajay Mathur, Shri Deb A Mukherjee (Moderator), Shri Debashis Sen, Shri Bragesh Singh, Shri Pramod Singh.



The panelists expressed cautious optimism about India's potential to achieve net zero, provided there is strong cross-sectoral collaboration and sustained commitment. Despite challenges in policy, financing, and public engagement, India is poised to lead the global transition to a net-zero future, moving from rhetoric to actionable reality.

