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Paper Title : Rooftop Solar Explorer: Accelerating India's Rooftop Solar Adoption Through Geospatial Intelligence

Bio :

Shantanu Roy is the Sector Coordinator for Renewables and Energy Conservation at the Center for Study of Science, Technology and Policy (CSTEP), a leading technology and policy think tank based in Bengaluru, India. With over 16 years of experience across renewable energy, thermal power, and oil & gas, he has led multidisciplinary teams and managed complex projects that drive sustainable energy solutions. At CSTEP, he advances initiatives in rooftop solar, Building-Integrated PV (BIPV), Agrivoltaics and other innovative renewable energy applications, working closely with government bodies and industry stakeholders to design strategies aligned with India's clean energy targets.

A Mechanical Engineer with an MBA from the Indian Institute of Management, Indore, and advanced specialization in analytics from the University of Texas at Austin, Shantanu combines technical expertise with strategic foresight. He actively contributes thought leadership through publications and presentations at prominent energy forums and is passionate about collaboration and innovation to build a resilient, sustainable energy future.