

## SAPAN THAPAR

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### **Experience Summary**

- Over 22-year experience in the Energy sector
- Areas of Interest - Energy Policy, Power Markets, Climate Finance, Energy Management

### **Academic Qualifications**

- Ph.D (Renewable Energy), IIT Delhi
- M.Tech (Energy & Environment), IIT Delhi
- B.E. (Electrical), MD University
- Certified Energy Manager, BEE

### **Work Experience**

#### **TERI School of Advanced Studies (Oct 2014 – till date)**

- Subjects Taught - Energy Economics, Energy & Environment, Energy Policy & Management, Renewable Energy Technologies & Project Management, Simulation tools
- Training & Capacity Building on Energy Policy, Energy Audit, Renewable Energy
- Other Activities – Convener, Institution Innovation Council

#### **Indian Renewable Energy Development Agency, IREDA (Feb 2008 - Oct 2014)**

- Policy Advisory Activities - Solar Mission, NCEF-Refinance Scheme
- Credit Appraisal of renewable energy projects (solar, wind, small hydro)
- Liaison with international agencies for climate funds

#### **Tata Consultancy Services, TCS (Feb 2001 - Oct 2007)**

- Consultancy Assignments related to Energy Sector

#### **CMC Limited (Aug 1999 - Jun 2000)**

- Smart Grid Project - Remote Controlled Load Management Scheme

**Peer Reviewed Publications (As First Author)**

- Energy Consumption Behavior: An analysis of urban Indian households. *Energy Policy* (2020)
- Factors Impacting Wind and Solar Power Sectors in India: A survey-based Analysis. Sustainable Production and Consumption. *Sustainable Production and Consumption* (2020)
- Analysis of factors impacting wind and solar power sectors - Challenges to sustainable development - 4 Country Study. *Sustainable Development* (2019)
- Key determinants of wind energy growth in India. *Energy Policy* (2018)
- Analyzing solar auctions in India. *Energy for Sustainable Development* (2018)
- Local community as shareholders in clean energy projects- Innovative strategy for accelerating renewable energy deployment in India. *Renewable Energy* (2017)
- Economic and environmental effectiveness of renewable energy policy instruments - Best practices from India. *Renewable and Sustainable Energy Reviews* (2016)

**COMPUTER SKILLS**

- Analysis Tools: RETScreen, STATA, MS Office

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