

ABOUT NIRWAN UNIVERSITY JAIPUR

Nirwan University, Jaipur was established by the Govt. of Rajasthan vide ACT No. 2 of 2017 and recognized U/s 2 (f) of UGC ACT 1956. The University has been empowered to award degrees under section 22 of UGC Act. NUJ has thirteen different faculties with seventeen schools. The University provides guidance and knowledge to the students in more than seventy programs ensuring high quality traditional and modern education. The University is situated in Jaipur, the capital of Rajasthan. NUJ is a successful venture of "NIRWAN CHARITABLE TRUST" and is one of the prominent choices for higher education among the students.

ABOUT THE BOOK

"Sustainable Future: Exploring Renewable Energy Solutions" provides a comprehensive overview of diverse renewable energy technologies, from solar photovoltaics to biofuels. Each chapter highlights global researchers' commitment to sustainability, covering topics like solar technology evolution, half-Heusler materials, silver telluride films, and halide perovskites. The book also investigates Ce-doped ZnO nanomaterials and lead-free perovskites for solar energy applications. Additionally, it explores ammonia's role in sustainable energy, photogalvanic cells' potential in solar conversion, and ethanol as a vehicle fuel in India. This edited volume serves as a valuable resource for understanding and advancing renewable energy solutions.

ABOUT THE EDITOR



Peeyush Kumar Kamlesh, currently serving as an Associate Professor and Associate Dean at Nirwan University Jaipur, is a distinguished scholar in the field of Physics with a focus on renewable energy solutions. Holding a Ph.D. in Physics from Banasthali Vidyapith, his research primarily revolves around half-Heusler and perovskite materials and their applications in renewable energy. With a robust research profile comprising numerous publications in SCI and SCOPUS-indexed journals, Dr. Kamlesh has contributed significantly to the scientific community. He possesses extensive experience in academia, having worked at various esteemed institutions. His expertise includes curriculum development and active learning methodologies. Dr. Kamlesh's dedication to his field is reflected in his involvement in numerous conferences, workshops, and seminars, where he has presented and convened on various topics related to sustainable energy technologies.



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