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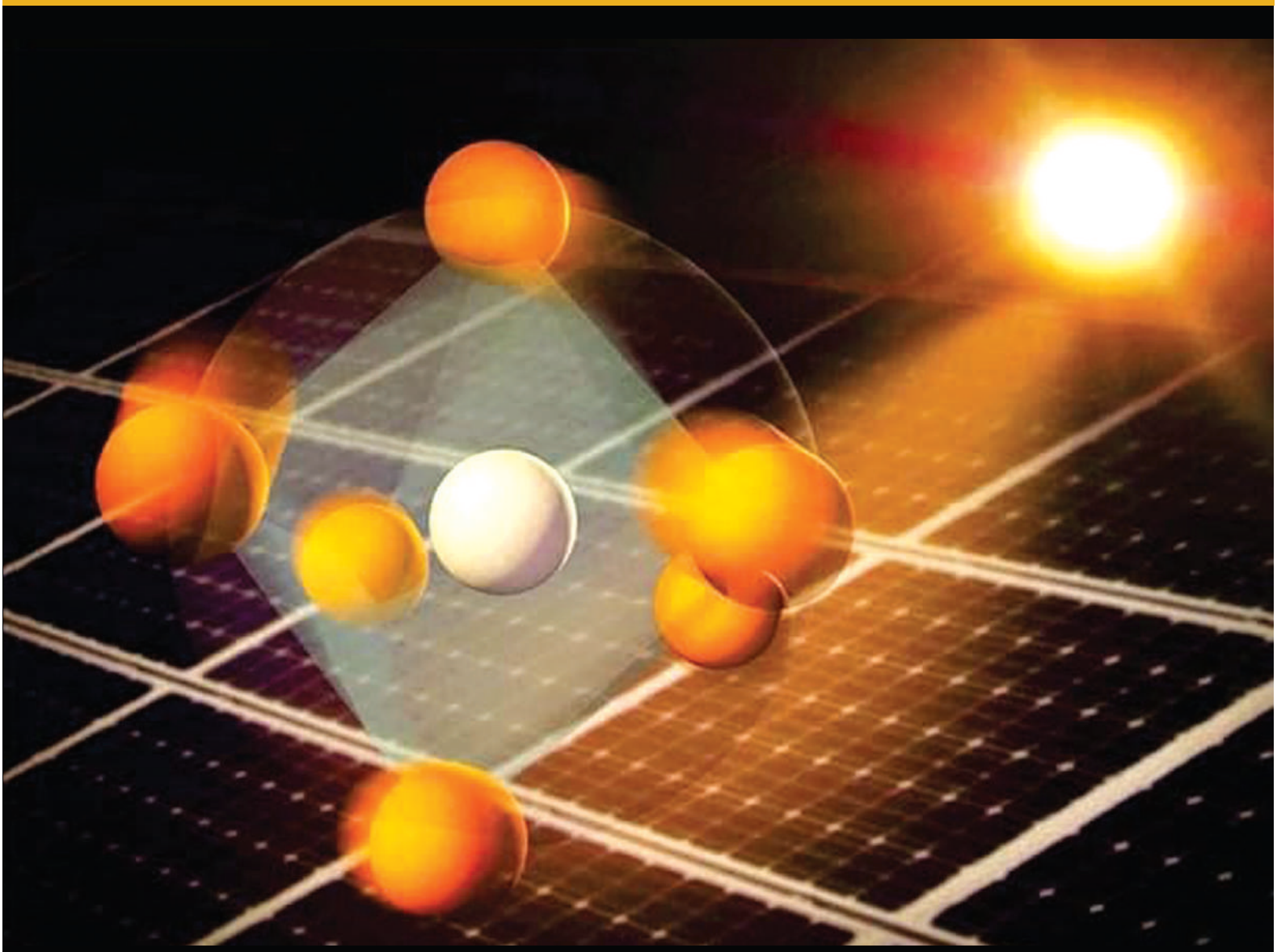

TANDEM HORIZONS

EXPLORING THE FUTURE OF PEROVSKITE

SOLAR CELLS

Ankit Mishra | Prof. (Dr.) K. P. Yadav

Tandem Horizons: Exploring the Future of Perovskite Solar Cells

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Ankit Mishra

Er. Ankit Mishra is a Research scholar and assistant professor in the Department of Electrical Engineering at MATS University and Amity University Chhattisgarh. Pursuing a Ph.D. from MATS University, his research primarily focuses on nanoelectronics and the design of solar cells, with a special emphasis on solar design and simulation. Er. Mishra is actively involved in advancing third-generation solar technologies, particularly perovskite solar cells.

Throughout his career, Er. Mishra has made significant contributions to the fields of electrical engineering and nanotechnology, authoring numerous articles in international and national journals and securing various patents and copyrights. His published works include two pivotal books that establish him as a leader in solar cell technology and nanoelectronics.

Prof. (Dr.) K P Yadav

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Prof. (Dr.) K P Yadav, Vice Chancellor of MATS University, Raipur, is a luminary in the realm of higher education in India. Holding a B. Tech., PGDBM, M. Tech., Ph.D., and a Post Doctorate in D. Sc & D.Litt, along with multiple honorary doctorates from international institutions, his credentials are exemplary. Prof. Yadav is also deeply involved in shaping educational policies as he serves as a nominee of the President of India for the Indian Institute of Information Technology in Tiruchirapalli and Nagaland Central University, among other prestigious roles. His expertise is further acknowledged through various advisory and directorial positions across renowned educational boards and universities both domestically and internationally.

Prof. Yadav's extensive experience spans 28 years in academia, research, and administration. His contributions are distinguished by his commitment to enhancing education quality, developing innovative curricula, and forging significant industry ties. Renowned for his dynamic and visionary leadership, Prof. Yadav has received numerous awards, including the prestigious Vishwa Guru title from the USA, and has published over 170 research papers. His work has substantially influenced educational practices and policies, ensuring his position as a preeminent figure in global higher education.

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