‘Breakthrough in battery tech can help India & world’

A student receives her certificate at the NISER convocation in Bhubaneswar on Monday

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Hemanta.Pradhan
@timesgroup.com

Bhubaneswar: Ajit Kumar Mohanty, secretary, Department of Atomic Energy (DAE) and chairman of Atomic Energy Commission, said the former is carrying out development of advanced power reactors in the country to generate green energy.

“The first and foremost area which comes to immediate attention is the necessity to develop and deploy economical and viable green energy sources such as green hydrogen, biofuels and nuclear energy. Global warming and climate change loom large upon us and deploying green energy sources and increasing their share in the energy basket of the nation is therefore a national and global imperative,” Mohanty said while addressing the 12th graduation ceremony of NISER Bhubaneswar on Monday.

He said the DAE has been playing an active role in this regard by operating and building nuclear power plants and carrying out development of advanced power reactors. “Large scale deployment of green energy sources is a potential solution for decarbonizing various sectors,” Mohanty added. He said battery technology for energy storage is another area which needs to be actively pursued. “Breakthrough in these areas would not only be a boon to the world, but could also be a source of massive revenue to the nation,” he added.

NITI Aayog member V K Saraswat applauded NISER’s initiative for setting up of a cyclotron centre that has the potential to produce medically useful and critical radioisotopes to meet the growing nationwide demand for nuclear imaging in functional diagnostics.

“The facility is also seen as a catalyst for research and development in fields of nuclear medicine, nuclear physics, material sciences, radio biology, and radiation chemistry,” he said.

The ceremony witnessed the graduation of 165 integrated MSc students from the 12th batch, along with one integrated PhD student and 54 PhD students.

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