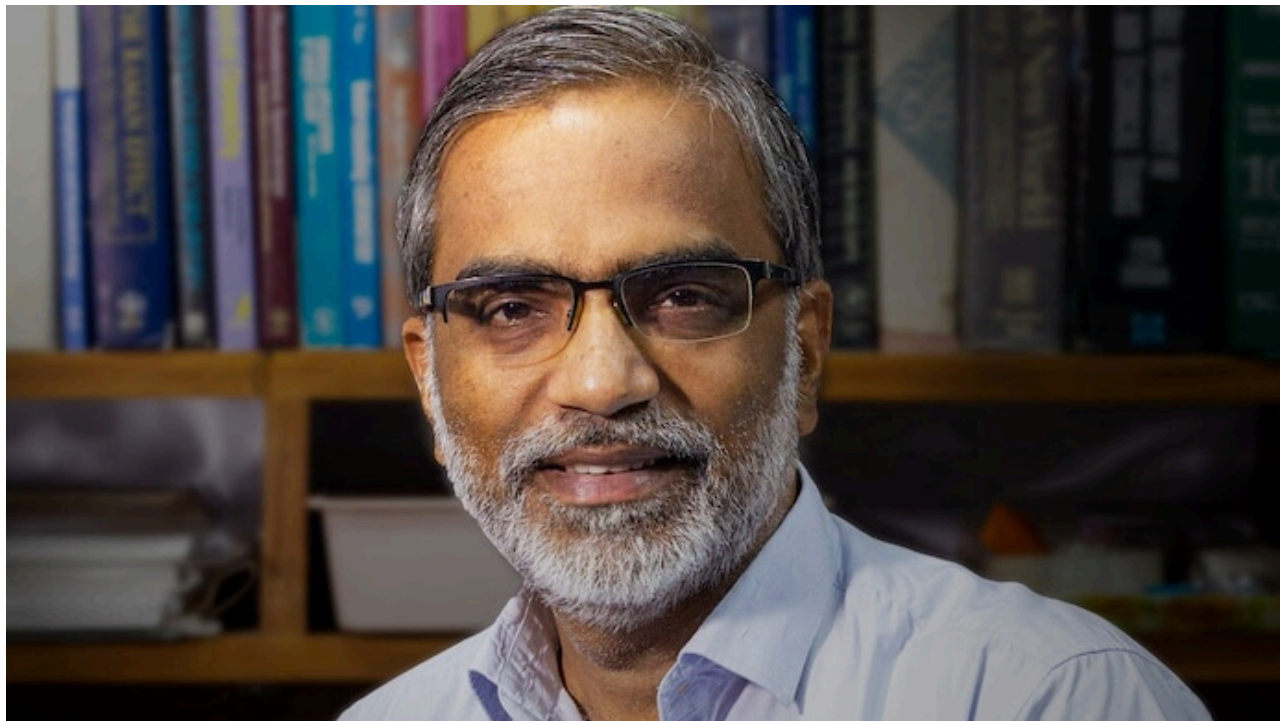


IIT professor wins global recognition with Eni Award for clean water innovations

Edited by Roshni

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Indian scientist Professor Thalappil Pradeep from IIT Madras has been honored with the esteemed Eni Award for his groundbreaking research in energy and environment. The award recognises his innovative work in providing affordable clean water using advanced nanoscale materials.

The President of Italy is expected to present the award to Professor Pradeep in the near future.

ABOUT ENI AWARD

The Eni Award is highly regarded globally, with previous recipients including renowned Nobel laureates and distinguished scientists. The selection committee, which includes Nobel laureates, ensures that only exceptional individuals receive this prestigious recognition.

Professor Pradeep's remarkable contributions in the field of nanotechnology and sustainable water purification have earned him this coveted honor.

Established in 2007, the award aims to foster radical breakthroughs in energy efficiency, renewables, decarbonisation, and environmental preservation. It serves as a platform to encourage and inspire the next generation of researchers to address the pressing challenges in energy and environmental sustainability.

REVOLUTIONISING CLEAN WATER SOLUTIONS

The IIT professor's research focuses on developing sustainable and cost-effective technologies for removing toxic contaminants from water. His innovative nanoscale materials have been successfully implemented as drinking water solutions, benefiting an astounding 1.3 million people in India every day.

His work has not only transformed access to clean water but also inspired efforts to tackle water pollution on a global scale.

The Eni Awards are presented in three categories, and Professor Pradeep has been acknowledged for his work in the field of Advanced Environmental Solutions.

His dedication and expertise in nanotechnology applications have revolutionised the purification of water and facilitated the removal of toxic substances such as arsenic and uranium. His breakthrough technology has been approved for national implementation and is now being extended to other countries.

"I am grateful to the large team of students, associates and implementing partners whose intense efforts made this work possible. The country and my institution gave me everything," he said.

Speaking about his future goals, Professor T Pradeep added, "Water presents numerous opportunities in cleaning, sensing, distribution and data analytics. It is the most opportune moment nationally and globally to get into water, for science, for industry or for both."

"There is a career in it where one can get satisfaction, besides wealth and fame. We need more youngsters in the area to ensure water security," he added.

OTHER AWARD BAGGED BY THE PROFESSOR

Professor Pradeep's accolades extend beyond the Eni Award. His distinguished career has earned him numerous recognitions, including the prestigious Padma Shri, Prince Sultan Bin Abdulaziz International Prize for Water, and Nikkei Asia Prize.

With over 550 papers and more than 100 patents to his name, Professor Pradeep's contributions have greatly advanced the field of materials science.

<https://www.indiatoday.in/education-today/news/story/iit-professor-wins-global-recognition-with-eni-award-for-clean-water-innovations-2408427-2023-07-18>
