



Dr. Samyak Munot

Energy Policy Advocate | Nuclear Engineer | Author

Dr. Samyak Sanjay Munot is a nuclear engineer and energy-policy specialist working at the intersection of advanced reactor design, clean-energy strategy, and national capacity building. Holding a PhD in Nuclear Engineering from the Bhabha Atomic Research Centre (BARC), he brings over a decade of experience in nuclear safety systems, severe-accident mitigation, and radiation technologies.

Beyond research, Dr. Munot is an emerging voice in India's clean-energy policy landscape. His work focuses on advanced nuclear technologies for deep decarbonization, nuclear-enabled hydrogen production, and strengthening India's nuclear human-resource ecosystem. As Chief Technology Officer of IYNS TechSolutions LLP, he leads SUK-M, Bharat's first thorium-based Micro Modular Reactor, bridging reactor physics, regulatory strategy, and commercialization to support indigenous clean-energy innovation. He also served as a Radiation Safety Officer at India's largest integrated packhouse and gamma-irradiation facility, contributing to food-security and export-quality assurance.

Committed to youth engagement and science communication, Dr. Munot is Vice-President and Co-Founder of the IYNS Research Foundation. He has led programs connecting students, researchers, and policymakers, including international internships with ITER and CERN, national workshops, and policy dialogues. His participation in global platforms such as COP-28 and the G20 reflects his efforts to position Indian youth in nuclear innovation and climate action.

He is co-author of the books "The Unreasoned Fear of Radiation", "Climate Change, Clean Energy Transition, Energy Options & the Relevance of Nuclear Power" and "The Unreasoned Fear of Irradiated Food" and frequently writes and speaks to build public understanding of nuclear energy.

Across roles in reactor innovation, policy strategy, and national capacity building, Dr. Munot works toward a central goal: advancing nuclear technologies as a cornerstone of India's sustainable and sovereign energy future.