

Dr. Archana Mishra

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PROFESSIONAL EXPERIENCE

Dr. Archana Mishra is currently Scientific Officer F in Nuclear Agriculture & Biotechnology Division, Bioscience Group at Bhabha Atomic Research Center, India. She joined BARC in 2010 and has been actively engaged in both fundamental and applied research on soft/hard nanoparticles, bio-hybrid materials, biomimetic hydrogels, and nano-micro carriers for drug delivery, biosensors, and biotechnology.

She has completed Master of Science (Biotechnology) from Banaras Hindu University (B.H.U.) in 2009 and awarded with B.H.U. Medal. Also, she has been awarded with fellowship for pursuing M.Sc. (Biotechnology), from Department of Biotechnology, Government of India. She is recipient of CSIR-JRF-Fellowship 2008 and DBT-JRF Fellowship 2009.

She earned her doctoral degree (Ph.D.) in 2019 from Homi Bhabha National Institute, Mumbai, followed by two years of postdoctoral research at The University of Texas M D Anderson Cancer Center, USA. Her postdoctoral work was supported by fellowship from National Institute of Health (NIH), USA. She has been honored with several accolades, including the best Ph.D. thesis award in 2020 and prestigious Research Scientist Award from Society of Interventional Radiology, USA in 2024.

Dr. Mishra has published her research in several high-impact, peer-reviewed international journals and has authored over 40 publications, including research articles, science popularization articles, newsletters, and book chapters. She has been recognized with multiple awards for best poster and oral presentations at national and international conferences. In addition, she is an elected member of Indian Nuclear Society, India and an active member of several other esteemed scientific societies.