

Brief Bio-data

Dr. Satanand Mishra

Principal Scientist, CSIR AMPRI, Bhopal India)

Dr. Satanand Mishra is a Principal Scientist at the CSIR - Advanced Materials and Processes Research Institute (AMPRI), Bhopal, and also serving as an Associate Professor at the Academy of Scientific & Innovative Research (AcSIR). In addition, he is the Coordinator of CSIR Jigyasa, the Nodal Scientist for Vigyan Prasar and also Nodal Scientist for Energy swaraj foundation. Dr. Mishra was already qualified for civil services and served as Assistant Director at the Central Water Commission, focusing on flood forecasting, management, and climate change-related model development. He also held teaching positions as a lecturer in the Department of Computer Science at APS University and the Government Polytechnic College, Waidhan. He holds a Ph.D. from the National Institute of Technology, Durgapur, an MCA from MP Bhoj University, and an M.Sc. in Physics and PGDCA from APS University.

Dr. Mishra specializes in artificial intelligence, data mining, artificial neural networks, hydrological modeling, sensor development, and water resources management. His expertise extends to model development, data mining, novel materials development and sensor technologies. He has been involved in numerous R&D projects related to water resources, water quality management, AI, IT, and structural health monitoring.

Dr. Mishra has authored or co-authored over 80 research papers published in international journals and conference proceedings. In addition, he has published four books and contributed to 20 book chapters and 10 no's institutional publication.

Dr. Mishra has organized more than 20 national-level workshops and conferences, delivered keynote addresses at national and international conferences, chaired sessions at international events, and lectured as a guest speaker on various occasions. He has received numerous accolades, including best paper and technical paper awards, and an international scientific films award and is recognized as an eminent educationist. Dr. Mishra is an active member of various scientific societies.