

Biography



Dr. Shanta Dutta, MD, Ph.D, FWAST, MAMS,
Director & Scientist G,
ICMR-National Institute of Cholera & Enteric Diseases,
Kolkata, West Bengal.

Dr. Shanta Dutta, MD, Ph.D., Director, ICMR-National Institute of Cholera and Enteric Diseases, has more than 25 years of research experience in the field of enteric/diarrheal diseases. The area of her research focuses on both applied and basic aspects of enteric diseases, which include antimicrobial resistance (AMR) and resistance mechanism, virulence and genetic profiles and molecular relatedness of the strains, their transmission dynamics, clinical and vaccine trials and disease burden studies of enteric diseases etc. Additionally, in view of the emerging problem of AMR, exploration and validation of antibacterial activity of medicinal plant extracts, is also area of her research interest, which might lead to development of new formulations with antibacterial activity. She is actively involved in development and evaluation of new/existing point of care diagnostic tests for typhoid, cholera etc. As a public health service provider, she participates in the investigations on diarrheal disease, avian flu outbreaks; increased infant deaths; inspection for quality check of lab facilities for handling samples infected with emerging viruses. Took part in the national/international meetings/conferences/workshops convened by various Govt. and non-Govt. organizations as consultant/ expert/ invited speaker/chair/reviewer and deliberated her views on health practice and policy/ delivered lectures on contemporary health related issues; Actively involved in training/teaching of post graduate/Ph.D. students; guided Ph.D. students to accomplish their dissertations and to publish research outcomes in peer reviewed high impact national/ international journals; became Ph.D. examiner for thesis evaluation and viva voce exam. She has published more than 100 research articles including book chapters and review papers. Her immense contribution in the field of medical research has been honored by recognized bodies.

As the Director of NICED, she spearheads and coordinates the major research programs of the institute, fosters national and international research collaborations, and drafts need-based health documents.