



Dr. Jyotish Samantaray

Dr. Jyotish Samantaray, HOD of Microbiology, All India Institute of Medical Sciences (AIIMS), New Delhi, completed MBBS from SCB Medical College, Cuttack, Odisha, and MD from AIIMS. He worked as lecturer in Post Graduate Institute of Medical Education and Research, (PGIMER), Chandigarh following which he joined as Assistant Professor at AIIMS in 1983. He has 35 years of diagnostic, teaching and research experience while working at AIIMS, New Delhi and PGIMER, Chandigarh. His main areas of Research interests include Malaria, Kala-azar and Intestinal coccidial Infections. He has developed New Diagnostic Techniques and Protocols which Include: (1) Fluorescent staining for speciation and quantitation of Malaria. (2) Fluorescent staining for Kala-azar, PKDL, and cutaneous leishmniasis, (3) Fluorescent staining for Filariasis. (4) Concentration and quantitation techniques for Filarial worm from peripheral blood (5) Diagnostic protocol for Kala-azar without bone marrow aspiration. (6) Fluorescent staining for Gonococcus. He has guided 31 PhD and MD students. He has published more than 80 papers in national and international journals including one text book; three monographs. He has been a fellow up Fogarty International, USA, and the World Health Organization. He has also served as consultants to WHO and International Atomic Energy Agency (IAEA) commission.