

## **Significant Research Contributions of Prof. (Dr.) Dipika Mohanty**

Dr Dipika Mohanty is a well-known haematologist of India. Her achievements in the field of Hemophilia have also brought her international recognition. During the past two decades she has focused her interest on problems on blood coagulation and hemostasis and generated a good deal of clinical and investigative research including molecular basis in this field. She is the best known expert in problems of haemostasis and thrombosis in India at present. She had put up her best efforts and was successful in establishing a comprehensive Haemophilia Care Centre at Mumbai. This centre offers the unique facilities of taking care of five hundred haemophilia cases and prenatal diagnosis by D N A technology. Now this centre is recognized as a Training Centre by World Federation of Hemophilia for whole of South East Asia. Furthermore she has also contributed significantly in the field of research on Haemoglobinopathies in India as evidenced by her publication. She is the first one to establish the prenatal diagnosis in Thalassemia by DNA technology in the first trimester of pregnancy by CVS (chorionic villi sampling) in India. Her work on Community control of Hemoglobinopathies in India has been successfully completed under Jai Vigyan Mission mode programme. This gives an insight into the magnitude of problem of Thalassemia and Sickle Cell anaemia and shows the way how a national programme on this problem can be undertaken all over the country to control the same.

She has, to her credit more than three hundred papers, published in several national and international journals of repute. These papers reflect her research achievements on problems of haemostasis and thrombosis which are currently her thrust area of research interest. Dr Mohanty has contributed several chapters and monographs to the Text Book of Medicine and Hematology. In appreciations of her contributions, she has received several National and International awards. She has immense contribution to the Indian Journal of Human Genetics as the Editor in making it an Indexed journal.

She is the first author of eighty five papers. Even in multi-authored papers in which she is not the first author, her contribution in planning, bench work, and analysis and interpretations have been of greater magnitude than any of the other Co-authors. Furthermore she had been able to establish D.M course in clinical Haematology under Mumbai University. Her contribution in Haematology research particularly in the field of Haemostasis and Thrombosis and hemoglobinopathy of high quality and of considerable significance.