

## ACKNOWLEDGEMENT

The author makes grateful acknowledgement of his indebtedness to Dr. R. Rajalakshmi, Reader, Department of Biochemistry, Faculty of Science for her guidance. He is also thankful to Prof. C.V. Ramakrishnan for his encouragement, Dr. N.A. Dave, Professor of Radiology, Medical College and Dr. K. Bagchi, Nutrition Adviser to Govt. of India for their help in the radiological and clinical examinations of the subjects and to the Ford Foundation for awarding a fellowship.

The investigations reported in this thesis were supported by grants from the Ford Foundation, UNICEF, the State and Central Governments and U.S. Agency for International Development given to Prof. C.V. Ramakrishnan, Head of the Department of Biochemistry, Faculty of Science, the M.S. University of Baroda, Baroda, India.