

## A C K N O W L E D G M E N T S

The author takes this opportunity to express his thanks to Dr. J.S.Dave for suggesting the problem and taking keen interest in the progress of the work. He also takes this opportunity to express his sense of gratefulness to Dr.S.M. Sethna, Professor of Chemistry, for his continued interest in the work and going through Mss., to Dr.N.M.Bhatt, Dean, Faculty of Science for giving all facilities to carry out this work, to Dr.B.N.Mankad, Professor of Chemistry, V. P. Mahavidyalaya, Vallabhvidyanagar, and Dr.M.D.Avasare, Principal, J. and J. College of Science, Nadiad, for encouragement during the progress of the work, and to Dr.S.V.Shah, Principal, Petlad College, Petlad, Dr.R.L.Desai, Professor of Textile Chemistry, and Professor D.Subba Rao, Dean, Faculty of Technology and Engineering for giving permission to carry out this work at the Faculty of Science, M.S.University of Baroda, Baroda.

Thanks are due to the Government of India for giving a grant to construct the magnetic balance and to Messrs.National Carbon Ltd., for their gift of chemicals.

Thanks are also due to Shri.S.S.Lele, M.Sc., for carrying out microanalysis of the samples, to Dr.A.R.Chavan, Professor of Botany, for getting the photographs of the graphs and the diagram, and to fellow-workers for their valuable help from time to time.