

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

I wish to express my profound sense of gratitude to my research guide Dr.(Mrs.) V.A. Jadhav, Reader, Department of Chemistry, Shivaji University, Kolhapur for her keen interest, able guidance and encouragement during my research. This work could not have been possible without her continued encouragement.

I wish to express my sincere thanks to Prof. R.B. Mane, Head, Chemistry Department, Shivaji University, Kolhapur for the help and encouragement given by him throughout my research work.

I am indebted to Prof. M.B. Chavan, Professor, Inorganic Chemistry, Shivaji University, for his encouragement and advice given to me during my research work.


I am deeply obliged to Dr. S.V. Kulkarni, Reader, Inorganic Chemistry, Shivaji University, for his valuable advice and help rendered to me during my work.

I utilise this opportunity to express my sincere thanks to the members of the staff of this department for their kind co-operation.

I wish to express my gratitude to Dr. M.J. Kashalikar, Principal, Devchand College, for his encouragement and help.

I express thanks to all who have helped me directly or indirectly in completing this task.

DATE: 10 जनवरी 1994  
JAN  
KOLHAPUR.

  
(A.G. WANDRE)  
Research student.