

## CONTENTS

Exploration of Antarctica <i>Parmjit Singh Sehra</i>	3
Foundation of Acoustics <i>K.M. Raju and Kailash</i>	10
Astronomy in Science and in Human Culture <i>S.Chandrasekhar</i>	18
Social Insects-I. Ants <i>P. Kachroo</i>	29
Social Insects-II. Bees and Wasps <i>P. Kachroo</i>	35
Understanding 'Children's Construction of Biological Concepts' and its Educational Implications <i>Ila Mehrotra and Vikas Baniwal</i>	39
Process of Problem Solving in Physics in the Context of Projectile Motion <i>Shashi Prabha</i>	55
A Study of Pre-service and In-service Teachers' Understanding of Electrochemical Cell <i>T.J. Vidyapati, Ram Babu Pareek and T.V.S. Prakasa Rao</i>	60
Teaching Aids in Mathematics and Manual for their Construction <i>R.P. Maurya</i>	72
Science Student – Teachers' Reflection upon Intellectual and Procedural Honesty on Conducted Practicals <i>A.C. Pachaury</i>	86
Water Pollution <i>Pushplata Verma</i>	89
SCIENCE NEWS	100
BOOK REVIEW	114