

## PREFACE

The Department of Zoology, Walchand College of Arts and Science, Solapur (Maharashtra) is recognised for running Post-graduate Studies, such as M.Sc. and M.Phil in Zoology by Shivaji University, Kolhapur. It is engaged in extensive research on the plant preparations induced changes in the male reproductive organs of animals. Studies on the histological and biochemical aspects are being carried out with a view to determine mechanism and physiology of action in the reproductive system of albino rats. The significance of these findings have been discussed as an attempt to gain an insight into the various changes taking place in the testes and accessory reproductive organs. Petroleum ether fraction of Syzygium cumini seed extract was injected intraperitoneally in male albino rats and alterations induced in reproductive tract are presented and discussed herewith.

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