

CHEMICAL INVESTIGATIONS ON INDIAN PLANTS AND PLANT PRODUCTS

**Thesis Submitted for the Degree of
Doctor of Philosophy (Science)
of the
University of North Bengal
1969**



By

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The present thesis submitted for the Degree of Doctor of Philosophy (Science) of the University of North Bengal, Dist. Darjeeling consists of the following:

Part I

The isolation of Aleuritolic acid from the acid part of Aleurites montana and elucidation of its structure.

Part II

Studies on autoxidation : Isomerisation in ring A of β -amyrone.

Part III

Studies on autoxidation: A new method for the synthesis of isomeric Δ^{12} -oleanene-2,3-diols.

Part IV

Investigation on the neutral part of the benzene extract and the benzene insoluble part of Sapium baccatum Roxb. and elucidation of the partial structure of a new nor-triterpene alcohol.