

BULLETINS OF INDIAN INDUSTRIES & LABOUR

No. 24

**PAPER AND PAPER PULP PRODUCTION
IN THE MADRAS PRESIDENCY**

BY

F. MARSDEN,

Ph.D., M.Sc., Industrial Chemist,
Department of Industries, Madras.



Published by order of the Government of India

**CALCUTTA
SUPERINTENDENT GOVERNMENT PRINTING, INDIA
1922**

NOTE

The Government of India desire it to be understood that the statements made and the views expressed in this bulletin are those of the author himself.

CONTENTS

	PAGE
Preface	v
Raw materials	1
Paper-making	4
Preparation of raw materials	4
Removal of non-cellulose matters	4
Disintegration	9
Bleaching	13
Colouring	15
Loading and sizing	15
Blending, straining, etc.	16
Making of paper by hand	16
The paper-making machine	18
Wood pulp and its manufacture	21
Mechanical wood pulp	23
Chemical processes	26
Some conditions essential to a successful paper industry	29
Raw materials in Madras	32
Timber for paper pulp	35
Bamboo as a source of paper	37
Appendix I—Note by Mr. W. Raitt	45
Appendix II—List of books relating to paper or paper pulp manufacture.	46