No. I.C. 20-3225

Office of the Director of Industries,
Old Custom House:
Bombay, 25th May 1931.

From

P. B. ADVANI, Esq., M.Sc., M.I.E., J.P., Director of Industries, Bombay;

To

THE SECRETARY TO GOVERNMENT,

General Department,

Bombay.

Subject.—Annual Report of the Department of Industries, 1930-31.

Sir,

I have the honour to submit the Annual Report of the Department of Industries for the year 1930-31.

I have the honour to be, Sir, Your most obedient servant,

P. B. ADVANI,

Director of Industries.

Annual Report of the Department of Industries, Bombay Presidency, for the year 1930-31

		-				•
	CON	TENTS				_
_	•			_		Pages
CHAPTER	I-Industrial Outlook during the year	r	••	••	••	1-10
	(I) State of existing industries	••	• •.	••	• •	1
	(2) New Industries	• •		••	••	7
	(3) New Floatations	••	••	**	••	10
CHAPTER	II-Work of the Department-Organ	ised Industries		••	••	10-25
	(I) Practical investigations and	experiments	with a vi	ew to impro	ve the	• ,
	quality and quantity of			_	••	11-15
	(a) Gold thread	••		••	••	11
	(b) Cordage manufacture	••	••	••	••	14
	(2) Practical investigations and	experiments fo	or possibl	e new indust	nes:	15-17
	(a) Tallow substitute		•••	••		15
	(b) China clay	••	••	••		16
	(3) Representations to the Tari	ff Board and C	overnme	nt:		17-19
	(a) Gold thread industry					17
	(b) Sugar, (c) Match indu	strv		••		17-18
	(d) Cess on hides	••	••	••	••	19
	(4) Investigations of possible ne	w industries a	nd nrensi	ation of esti	mates :	19-22
	(a) Hosiery manufacture			ation or con		19
	(b) Manufacture of envel				••	20
	(c) Manufacture of shoe	_		•••		20
	(d) Slate and slate-penci	l manufacture				20
	(e) Biscuit manufacture	••				20
	(f) Manufacture of disin	fectant		• •		21
	(g) Soap manufacture			••		21
	(h) Match manufacture		••			21
	(i) Manufacture of tincto	ures		••	••	21
	(j) Manufacture of canva	s shoe cleaner	• • •	••	• •	21
	(5) Solving of practical difficult	ties in the proc	cess of m	anufacture		22-24
	(6) Commercial and industrial	intelligence	••	••	••	24
	(7) Mines and minerals	••	••	••	••	24
	(8) Fishing Industry	••		••		25
	(9) State-aid to Industries	••		••	••	25
CHARTER	III—Wash afala D	T 1				2/ 2:
CHAI IER	III-Work of the Department-Cotts		••	••	••	26-34
	(1) Practical demonstration of			**	• •	26-33
	(2) Investigation into the cond (3) Art-Crafts		weavers	• •	• •	33-34
	(3) Art-Crafts	• •	• •			34

CONTENTS

							Pages
CHAPTER	IV-Technical and Industrial Education						
Снартея	V-Miscellaneous work of	f the Depar	••	••	••	37-40	
	(1) Government refe	erences	,	••			37
	(2) Scientific and Ir	dustrial res	search in the	Presidency	in 1930-31		38
	(3) Miscellaneous	activities o	f the Dire	ctor, Indus	rial Engine	er and	
	Industrial Che	mist	••		• •	••	39
	(4) Exhibitions	••	••		••	••	39
	(5) Library	••	••	• •	••	• •	4(
CHAPTER	VI—Conclusion	••	•		•		40-42

CHAPTER I

GENERAL INDUSTRIAL OUTLOOK DURING THE YEAR

During the year under review there was a widespread propaganda for the use of Swadeshi articles. Apart from the activities in this direction of political bodies like the Congress a number of Swadeshi Associations such as the Bombay Swadeshi League were formed for the purpose in different places. Swadeshi shops and commercial museums were opened in different towns. Various institutions such as Chambers of Commerce took an active and live interest in the Swadeshi propaganda. There were no serious strikes in factories. These factors should have given a fillip to the local industries. But owing to world economic causes commodity prices declined very considerably. The price of a candy of cotton went down to Rs. 180 which is almost half the highest attained in the previous year. Price of wheat went down lower than the prewar figure. The purchasing power of the people was thus greatly reduced. This was aggravated by local political causes; there were frequent hartals and business was generally disorganised. During the period under review there was, therefore, an acute commercial and industrial depression.

STATE OF SOME OF THE MORE IMPORTANT EXISTING INDUSTRIES

2. Cotton Textile Industry.—The Cotton Industry in this Presidency has been in recent years passing through trying times. This specially applies to the Mills in the Island of Bombay. So far as the year under report is concerned, out of 39 Bombay Island Mills, annual reports of which have been received in this office up to the time of writing, no less than 27 showed a loss in working, the total loss being some Rs. 98 lakhs. The remaining 12 made a profit of Rs. 17.66 lakhs. The annual reports of most of the Ahmedabad Mills will not be available till later in the year. It is, therefore, not possible to give any figures for them. It is reported, however, that Ahmedabad did fairly well during the year. According to the President of the Ahmedabad Millowners' Association, the profits of Ahmedabad Mills in 1929 amounted to Rs. 67 lakhs while the losses were only Rs. 1.33 lakhs. In Sholapur five mills showed a profit of Rs. 3.92 lakhs and three lost about Rs. 2.69 lakhs. In Khandesh four of the mills worked at a profit, the total profit being Rs. 8.45 lakhs.

The Mills, specially those of the Bombay Island, steadily expanded their direct sales system during the year by opening their own retail shops and they advertised their goods to a larger extent than before. The question of reduction in operating costs has engaged the attention of the owners. And in Bombay Island 7 groups of leading Companies comprising 31 mills considered a scheme for a merger and appointed a strong committee to go into the matter. Two experts were brought out from Lancashire to help and advise the Committee. Unfortunately, owing to some difficulties the idea was ultimately abandoned. It is hoped,

however, that small groupings will take place and other steps will be taken to reduce operating costs and increase efficiency.

In the year under report increased tariff sanctioned by the 1930 Budget Session of the Legislative Assembly came into operation and the 1931 Budget Session of the Assembly has sanctioned a further additional duty of 5 per cent. The Textile Industry has, therefore, got a higher degree of protection than expected. This coupled with the widespread desire for the purchase of Swadeshi goods ought to enable the Industry to do well in the near future in spite of the reduced purchasing power of the people.

The following statistical tables covering cotton mills in the Presidency will be of interest:—

For year ending 31st August		Number of mills	Number of spindles	Number of looms	Average number of hands employed daily	Cotton consumed '	Paid up Capital	
						Cwts.	Rs.	
1929	٠.	219	5,951,198	132,707	214,215	4,451,419	23,99,57,539	
1930		220	6,172,792	135,808	252,488	5,511,184	23,92,02,145	
Percentage			ŧ	1				
increase	••	· ·	3.7	2.3	18	24	:.	

Production in and Imports of Yarn and Piece-goods into Bombay Presidency

•			, (in	Yarn million pou	nds)	Piece-goods (in million yards)			
Year ending 31st March			Presidency production	into the	Percentage of imports to production	Presidency production	1 .	Percent- age of imports to produc- tion	
1928-29	••		330	21	6.4	1,294	869	67.2	
1929-30			467	19	4.1	1,725	789	45.7	
1930-31	••	••	393.*	10†	2.5	1,499*	347	23·1	

^{*} For 10 months ending January 1931.

[†] Represents gross imports as re-exports are not available.