

1979 The Textile Institute

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The Textile Institute 1979 Indian Textile
Association Indian Institute of Technology 1
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Cotton in a Competitive World

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National Committee가

National

Committee Steering Committee, Souvenir and Delegate Promotion Committee.

Finance Committee, Printing and Publicity Committee, Programme and Facility

Committee, Hospitality Committee 가

Textile Institute

Textile Institute Organizing Committee가 .

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January 18. 1979

14.00-17.00 Registration

Indian Institute of Technology, Hauz Khas, New Delhi

18.00 Reception at Qutab Hotel, Guests received by the President of the
Textile Institute and the President of the Textile Association of India
Reception Tea

January 19, 1979

- 9.30 Opening session
- Introduction by Professor N. M. Swani, Chairman, The Textile Institute Indian Advisory Committee.
- Presidential address by Professor C. S. Whewell, President, The Textile Institute
- 9.50 Convocation
- 10.00 The Mother Lecture by Dr P. C. Mehta, Director The Ahmedabad Textile Industry's Research Association, Ahmedabad.
- 11.00 Tea
- 11.30 Cotton: Its position and progress in the world textile by H. E. Koedam
- 12.15 Economic and Aesthetic factors in the future of cotton by K. Slater and F. Hoffmeyer
- 13.00 Lunch
- 14.15 The link between the cotton breeder, the grower, and the consumer by A. Subramanian
- 15.00 A survey of research on cotton production in India during the last decade in relation to quality and specific end-uses by S. M. Betrabet, M. S. Betrabet, M. S. Rathy and V Sundaram
- 16.00 Inauguration by Shri Morarji Desai, Prime Minister of India
- 17.00 Tea

January 20, 1979

- 9.30 A study of honeydew in cotton by G Alon, O. Elsner and M. Ostfeld
- 10.15 Genetical, physiological and ecological influences on the structure and

technological properties of cotton fibres by E. de Langhe, J. Demol, R. Marechal, T. Fransen, T. Fransen, G. Raes, L. Verschraege and L. Waterkeyn

- 11.00 Tea
- 11.30 The Characterization of some Indian cotton varieties by means of electron microscopy, X-ray diffraction and the correlation of their structure with their mechanical properties by V. B. Gupta, A. V. Moharir and B. C. Panda
- 12.15 Varietal Responses to sawginning in relation to feeding and the amount of seed cotton by G. Pauly
- 13.00 Lunch
- 14.30 Nigerian cotton : characteristics and utilization by P. Adegbile and S. C. O. Ugholue
- 15.15 The importance of the cotton test for the producer, the merchant and the Industry by F. Hadwich
- 16.00 Tea
- 20.00 Transverse dimensions and mechanical properties of cotton fibres by K. E. Duckett and B. C. Goswami
- Cultural evening

January 21, 1979

Free day for excursions and mid conference tours

January 22, 1979

- 9.30 The impact of man-made fibres on cotton textiles by J. G. Parikh
- 10.15 The fatigue of cotton fibres and yarns by J. W. S. Heale and Mrs. N.

Hasnain

- 11.00 Tea
- 11.30 The processing behaviour and properties of blended fibre yarns of textured polyester fibre and cotton by A. Naik and F. Lopez-Amo
- 12.15 Cotton fibre characteristics influencing the quality of open end spun yarn by K. N. Seshan, K. P. R. Pillay and T. V. Ratnam
- 13.00 Lunch
- 14.30 The physical and dimensional properties of cotton interlock fabrics by A. W. Marvin and M. D. de Araujo
- 15.15 The development of woven fabric mechanics by means of optimal-control theory by R. Postle and S. de Jong
- 16.00 Tea
- 16.30 The processing of cotton Textiles to improve their competitiveness by H. U. Mehta
- 20.00 Conference banquet at Ashoka Hotel

January 23, 1979

- 9.30 Source of shade variation in the dyeing of cotton fabric J. G. Roberts
- 10.15 The application of scientific techniques for increased productivity, improved quality, and reduced cost in the wet processing of textiles containing cellulosic fibres by M. D. Dixit and S. M. Doshi
- 11.00 Tea
- 11.30 A novel concept in the crosslinking of cotton cellulose by J. K. Shah, J. J. Shroff, and R. B. Choksi
- 12.15 The marketing and distribution of finished shirting fabrics and

garments by W. Barnes and J. Ogden

13.00 Closing of conference

13.15 Lunch

14.30 Conference works visits

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: P. C. Mehta

Director, Ahmedamad Textile Industry's Research Association.

The Textile Institute

Textile Institute

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Ahmedabad Textile Industry's Research Association

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. 1973 Exports of Raw Cotton and Cotton Seed Products from Selected Developing Countries by Rank and Share (on a value basis)

Country	Rank in Total Export of Agric. Commodities	% Share of Total Exports (all products)
Chad	1	64.5
Sudan	1	54.2
Yemen AR	n.a.	49.1
Mali	1	43.4
Egypt	1	43.3
Syria	1	33.4
Central African Republic	2	29.7
Upper Volta	n.a.	28.2
Dahomey	n.a.	28.0
Nicaragua	1	25.5

Source: International Institute for Cotton

n.a. = Not available

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125

45

170

8%

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1950 ~1951

48%

1974 ~1975

54.4%

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17%

21%

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35%

24.6%

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. World Production of Raw Cotton

	1950 - 51 '000 tons	%	1974 - 75 '000 tons	%
Developing Countries*	3,191	48.0	7,432	54.4
Developed Countries	2,328	35.0	3,364	24.6
Socialist Countries	1,128	17.0	2,863	21.0
Total	6,647	100.0	13,659	100.0

Source: International Institute for Cotton *includes China

. Cotton System Spindles and Looms in Place

	Cotton System Spindles (millions)		Cotton System Looms (thousands)	
	1950	1975	1950	1975
Developing Countries	18.1 (14.7)	55.6 (37.4)	441 (16.2)	1008 (34.5)
Developed Countries	86.7 (70.3)	49.9 (33.6)	1757 (64.4)	959 (32.8)
Socialist Countries	18.6 (15.0)	43.0 (29.0)	532 (19.4)	956 (32.7)
Total	123.4 (100.0)	148.5 (100.0)	2730 (100.0)	2923 (100.0)

Source: IFCATI Figures in parentheses indicate percentages

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1950

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1974

34

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