

MM 4.2: Commercial Technology Development for Value Addition

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Preparation of Microcrystalline Cellulose (MCC) from Cotton Linter Pulp

- ◆ 500 kg cotton linter pulp was acid hydrolysed at N.B. Entrepreneurs, Nagpur
- ◆ The quality of the Product (MCC) was found to satisfy India Pharmacopoeia Standard

Conversion of Paper from Linter Pulp

- ◆ Scribbling pads made from cotton linter pulp were supplied to dignitaries at the AGM held in New Delhi during 2005
- ◆ Greeting cards made from cotton linter pulp supplied to dignitaries at the Council
- ◆ 20,000 carry bags were made from papers prepared from cotton linter pulp and supplied to Directorate of Information and Publicity of Agriculture (DIPA), New Delhi

Production of Biogas from Ginnery/Textile Mill Waste

- ◆ A Biphasic Biogas Plant was constructed at GTC, Nagpur
- ◆ The plant contains a primary digester and an anaerobic digester
- ◆ Acids produced during primary digestion are fed in anaerobic digester gas is being used in staff quarters