

**BIO-DATA –MAMATA SARKAR****MAMATA SARKAR**

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Designation	<b>Technical Officer Gr. 2</b>
Educational Qualifications:	<b>B. Sc.</b> (Chemistry Honours)
Experience Institution(s) served	<p><b>Twenty Eight</b> years experience in industrial research and development</p> <p><b>1. Technical Officer</b> Indian Jute Industries' Research Association, Kolkata</p> <p><b>2. Visiting Sr. Scientific Assistant (UNDP Project)</b></p> <ul style="list-style-type: none"> <li>- Biocomposite Centre, University of Wales, UK</li> <li>- Forest Products Laboratory, USDA, USA</li> </ul> <p><b>3. Chemist</b> Superintendence Co. of India Pvt. Ltd.</p>
Achievements	<ul style="list-style-type: none"> <li>• Assisted in development of jute-polypropylene composite granules in continuous system</li> <li>• Active participation in development of jute bamboo composites</li> <li>• Hand-on work on composite development from thermosetting polymers</li> <li>• Jute reinforced thermoplastic (special grade) moulded products using kneader and Roto-moulding system</li> </ul>
Areas of Specialization	<ul style="list-style-type: none"> <li>• Laboratory scale composite sample preparation</li> <li>• Prototype composite product development in pilot scale extrusion and moulding systems</li> <li>• Evaluation of material properties (composites)</li> </ul>
Publications in leading journals	<b>International Journal</b> - 2
Technical support	Characterization and testing of composite materials