

BIO-DATA



Mr. Samar De

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Designation	Technical Officer Gr-2
Educational Qualifications:	B.Sc
Experience Institution(s) served	<ol style="list-style-type: none"> 1) Indian Jute Industries Research Association (1986 to present) 2) Worked in Bhoruka Blood Bank as a laboratory assistant for one year (1985-1986) 3) Worked in Jadavpur University in a project as a laboratory assistant for two years (1983-1985)
Areas of Specialization	<p>Associated with different R&D projects;</p> <p>Mutation of <i>Aspergillus terreus</i>, Enzyme Production by solid state fermentation, Bio Modification of TKP, Moisture retention of jute yarn, Enzymatic retting of jute ribbon, Implementation of RBO technology to jute mills, Effluent treatment by chitin, Durable rot resistant of jute fabric, Alternative lubricant to JBO, Aroma technology and degumming of ramie fibre.</p> <p>Testing:</p> <p>Enzyme assay, Microbiological work, Identification of fibres and its blends percentage, Inspection of FGJP samples, FGJP sample testing, RBO testing and Testing of other chemicals,</p>
Publications in leading journals/books published	Two
Technologies on offer	<ol style="list-style-type: none"> 1) Production of food grade jute products by RBO technology to jute mills 2) Production of enzymes by solid state fermentation to jute mills
Technical support that can be offered(Sector wise)	For Jute Industry: Hard root softening of Jute by enzymes and Bio modification of sizing paste



