

Project Title-14	Online monitoring of yarn quality on weft knitting machines
Principal Investigator	Dr. Arindam Basu
Cost	Rs.31.50 lakhs
Date of Commencement	July 2001
Duration	24 Months
Date of Completion	30.06.2003
Abstract	Contamination in cotton is a major problem, faced by the textile industry. Despite all attempt in clearing the contamination at preparatory stages some contamination reach up to yarn stage. Till date many spinning units do not having winding machines with contamination clearers, which is in turn result, in down gradation of fabrics after knitting. SITRA was developed contamination clearer for knitting machines.
Highlights	It is possible to identify the contaminants of the yarn on knitting machine and winding machine utilizing the developed attachments. The attachments can be used for coloured yarn or grey yarn.
Area of applicability	Knitting Industries
Target beneficiaries	The study of findings were disseminated to SITRA member mills Mills are making use of these findings to produce better quality yarns and thereby better quality fabrics
Status	Completed