

## **Progress Report of R&D Projects**

**Project Title:** Automation and Commercialization Initiative of Cellulose Pad Substituted with Jute Based Low Cost Sanitary Napkins

**Start Date:** 07-04-2016

**Duration:** One year

**Project Team:** Dr. S.K.Chakrabarti (PI), Dr. Sandip Bose, A. C. Deka, Ritwik Chakraborty, A. R. Dewan, Dr. U. S. Sarma (Advisor)

### **Activities carried out so far as on 31st May, 2016**

#### **Administrative**

- a) Project Associate, project assistant and project attendants have been recruited and will join the project activity w.e.f 01.06.2016
- b) Purchase process of Capex items has been initiated

#### **R&D**

- a) Patent on jute based sanitary napkin has been filed
- b) Jute based sanitary napkin has received test certificates from the National Test House, Kolkata
- c) Pilot scale production of Jute pulp and sanitary napkin has been initiated at IJIRA
- d) Feasibility study of jute based pulp for its conversion in SN in continuous M/c. is initiated
- e) Test marketing of Jute based SN in schools and jute mills has been initiated

#### **Proposed activities for next three months**

- a) Development of production model of low cost jute based SNs for WSHG. Target date: 31.8.2016
- b) Semi-bulk scale production of jute based SNs. Target date: 31.8.2016 .