

## Progress Report of R&D Projects

**Project Title:** Faster Retting of Jute Plant through Bio-Chemical Intervention

**Start Date:** 06-04-2016

**Duration:** 2 years

**Project Team:** Dr. S.K.Chakrabarti (PI), Mr. S. G. Saha, Dr. Sandip Basu, Mr. A. C. Deka, Mr. Ritwik Chakraborty, Mr. A. R. Dewan, Mr. Samar De, Ms. Ipsita Roy

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

#### **Administrative**

- a) Research Associate has been recruited and will join IJIRA in the project activity w.e.f 01.06.2016
- b) Purchase process of Capex items has been continuing through duly formed Capex Committee

#### **R&D**

- Optimization of biochemical formulation for faster retting of whole jute plant has been continuing in the laboratory
- Farmers' registration along with JCI has been continuing to carry out jute plant retting in Hooghly, Nadia and North 24-Parganas
- Trial run on production of jute retting microbial consortium has been continuing at IJIRA Fermentation Laboratory
- Literature review is continuing.

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

- a) Production of microbial consortium in bulk scale for jute plant retting –Target date: 30.6.2016
- b) Carry out jute plant retting in identified places of four jute growing blocks (400 ha. Approx.) e.g. in Hooghly, Nadia, North 24-Parganas .Target date: 15.7.2016 to 7.9.2016
- c) Farmers' awareness programme using IJIRA Biochemical formulation (IJIRA-SUBHRA). Target: Since 15.6.2016 to 15.8.2016.
- d) Procurement of Capex items and installation of new M/c.- Target date: 31.8.2016.

## **Activities carried out so far as on 20<sup>th</sup> April, 2016**

Biochemical formulation for accelerated retting of whole jute plant has been established. Further work is underway for optimization of the formulation with improved functionality. The processes for procurement of CAPEX items and recruitment of man power under the project have been initiated.