

Activities so far as on 20/04/2016

MOT-05/Jute TP Composite/2016: Jute-Thermoplastic Composites for Green Product Development

The activities as per the approved DPR have been initiated. An experimental trial for incorporation of waste jute fibre (caddies) in thermoplastic polymer has been carried out at shop floor of industrial collaborator i.e. Patton International Ltd. Moulding of composite products out of composite granules reinforced with waste jute fibre could be demonstrated successfully. Based on the pre-project activities, IJIRA has filed a joint patent (provisional) on 'Process for manufacturing jute fibre reinforced Linear Low Density Polyethylene (LLDPE) composite product' jointly with Patton International Ltd. The processes for procurement of CAPEX items and recruitment of man power under the project have been initiated.