

National Institute of Research on Jute and Allied Fibre Technology

Kolkata

Course

1. Jute Reinforced Plastic and Jute Stick Particle Board

Contact Persons:

Dr A K Roy
(Course Director)
Head Chemical & biochemical Processing
Division

Mobile:

09433449889

E-mail:

ashimroy15@yahoo.co.in

and

Dr D Nag
(Training Co-ordinator)
Head Transfer of Technology Division

Mobile:

09433389579

E-mail:

dnag_in@yahoo.com

Chemical & Biochemical Processing Division of NIRJAFT Kolkata is engaged in the utilization of agricultural residues of jute and allied fibre for value added products in pulp and paper, bleaching and dyeing of jute fabric and jute composites (jute reinforced plastic and jute stick particle boards).

Chemical & Biochemical Processing Division of (NIRJAFT), Kolkata is going to organize an International Training on – JUTE REINFORCED PLASTIC AND JUTE STICK PARTICLE BOARD.

This TRAINING is the OUT COME of our continuous endeavour to excel in imparting the knowledge on JUTE REINFORCED PLASTIC AND JUTE STICK PARTICLE BOARD which will be of immense help for subject matter specialists, entrepreneurs and stake holders.

1. Jute Reinforced Plastic and Jute Stick Particle Board

Training Programme

The course is going to increase the awareness of utilization of natural ligno-cellulosic raw material for value added products among the subject matter specialists and entrepreneurs. The training will serve the social objective of creating gainful employment to the rural poor.

Faculty

Well qualified and trained 10 scientists of NIRJAFT and invited speakers form the industry will constitute the faculty.

- Course Director** : Dr A K Roy
Head Chemical & Biochemical
Processing Division
- Duration** : 2 Weeks (9-21 November 2009)
- Course fee** : US \$ 1,000 PER TRAINEE
- No. of trainees** : 10
- Accommodation** : To be arranged by the institute
Guest House/Hotels in the city(on
twin sharing basis) transport will
be provided form hotel to the
instate and back.
- Eligibility** : Masters degree in Organic
Chemistry/ Applied chemistry /
Chemical Technology etc. or
nominated by the Government on
deputation

Course Contents

- History of particle boards and reinforced plastics
- Characteristics of composites
- Raw materials
- Properties and extraction of jute
- Jute stick particle board
- Resins and additives
- Use of jute as composite reinforcement
- Processing of jute composites
- Jute reinforced plastics by hand lay up technique for tiny industrial sector
- Hands on jute stick particle board and jute reinforced plastic by hand lay up
- Visit to mill

