

Debendra C Baruah, BE(Hons), M Tech, PhD, FIE(I)

Professor & Head

Principal Investigator of "Community Based Bioenergy Research" collaborating with Nottingham University





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A REPORT ON Community Based Bioenergy Research

- Name of the Collaborative Activity:** Community Based Bioenergy Research
- Nature of Activity:** Installation and Commissioning of AD plant (Cow dung fed) with provision for handling and processing of feedstock and digested slurry as organic manure. User group training and dissemination activities.
- Name of the Collaborating Agency/ Individual with affiliation, and contact details:** University of Nottingham, Michele Clarke, UK. Email: Michele.Clarke@nottingham.ac.uk
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- Summary of collaboration:** Co-ordination through their respective offices in joint or collaborative research project which include "Community based bioenergy research" project. Exchange of documentation and research material. Bioenergy from waste: exploring the multiplier benefits to poor communities of medium-scale technology interventions.
- List of year-wise activities under the collaboration:**

Year	Activities
2017-2018	Received Fund on 02/11/2017
2018-2019	Engagement of the Community for bioenergy production and utilization through workshops and training
2019-2020	Characterized available energy resources and assessment of their suitability with reference to the biogas production and its application. Evaluated the impact of biogas system and its by-products on rural livelihood with reference to farming, environment and economy.
2020-2021	Installation and Commissioning of AD plant (Cow dung fed). Capacity building workshop on biogas organized in Tezpur University for Jahwoni villagers
2021-2022	Community biogas plant with pipeline connection to kitchens of 33 households at Jahwoni.

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Signature of Faculty	Signature and Seal of Head of Department/ Centre/ Cell
Name: Debendra Chandra Baruah Designation: Professor & Head 	Name: Debendra Chandra Baruah Designation: Professor & Head 

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