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Professor & Head

Principal Investigator of "Enhancing Food Security in Rural India" BBSRC, University of Nottingham, UK.



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## A REPORT ON

### Enhancing Food Security in Rural India

- Name of the Collaborative Activity:** Enhancing Food Security in Rural India
- Nature of Activity:** Exchange visit, field based participatory research in rural area
- Name of the Collaborating Agency/ Individual with affiliation, and contact details:** University of Nottingham, UK, Helen West. Email: West@nottingham.ac.uk; Tel: +44(0) 1159515446
- Summary of collaboration:** Co- ordination through their respective offices in joint or collaborative research project which include "Enhancing Food Security in Rural India" project. Exchange of documentation and research materials. Value added materials from waste: exploring the multiplier benefits to poor communities through medium-scale technology interventions. worked with the community members to develop best agronomic practices for the uses of digested slurry of an anaerobic digester effectively which is a vital fertilizer. Use of digestates as nutrient supplement in mushroom cultivation was considered favourable
- List of year-wise activities under the collaboration:**

Year	Activities
2016-2017	Fund received on 17/01/2017, Visit of Dr Helen West to Tezpur University and field visit.
2017-2018	Field survey, soil analysis around the project site, production of digested slurry and its characterization. Field experiments on use of slurry on mushroom cultivation. Skill development programmes to villagers.
2018-2019	RHEES Jhawani village co-operative society in support of Tezpur University started cultivating mushroom (Batch I: 150 kg) on a trial basis. The Society is engaged in production mushroom for commercial purpose . Hands on training programme on the production of mushroom utilising biogas digestate.
2019-2020	A community size vermicomposting unit (11 tons per annum) is installed. Training programmes on mushroom production, precision farming, vermicompost production have been imparted to the farmers in the village in association with the co-operative society and Tezpur University .

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Signature of Faculty	Signature and Seal of Head of Department/ Centre/ Cell
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