548 Jean-Talon Ouest, Montreal, Quebec, Canada H3N 1R5
E-mail: fsc@grassrootsglobal.net, info@grassrootsinstitute.net
Websites: www.grassrootsinstitute.net,www.grassrootsglobal.net

Summer Field School [Online] on
MOUNTAIN ECOSYSTEMS AND RESOURCE MANAGEMENT
Ivano-Frankivsk Region, Ukraine :: 19-28 September, 2021

DELEGATE PARTICIPANT'S PROFILE

	**Ms. Pinaki Swami** *Student* Assam Agricultural University Jorhat, Assam, India Tel: +91-9863436787 Email: swamipinaki@gmail.com
Highest Education	Bachelor of Science (Honours) Agriculture
Personal Statement	Dear colleagues! Further I would like to say a few words in order to present myself as the delegate participant for the forthcoming Summer School on 'Mountain Ecosystems and Resource Management'. I am doing graduation in agricultural sciences (Honours degree) from Assam Agriculture University, Jorhat, Assam, India.
Paper/Presentation Title (Unpublished Research or Review or Field Work)	*Integrated Farming Systems for Food and Nutritional Security in Hilly Regions*
Keywords	Integrated farming system; Hilly regions; Food and nutritional security
Abstract (100-300 words)	North-East Hill Region (NEHR) of India has 8.0 per cent of the total area and 3.4 per cent of total cultivable area of the country. However, the region contributes only 2.8 per cent to the total food grain production of the nation. Majority of the fields in the region are situated across the hilly slopes. Nearly 0.88 m ha area in NEHR is under *Jhum* cultivation. The production system is characterized by low cropping intensity, subsistence level and mono cropping. Rice is the major crop of the region accounting for about 89 per cent of the area and 92 per cent of the total food grains production. The region is deficient in food grains and the

548 Jean-Talon Ouest, Montreal, Quebec, Canada H3N 1R5
E-mail: fsc@grassrootsglobal.net, info@grassrootsinstitute.net
Websites: www.grassrootsinstitute.net,www.grassrootsglobal.net

	gap between demand and supply is widening. As a result, the stamp of backwardness has been attached to this region suffering food and nutritional security. Integrated farming system approach is not only a reliable way of obtaining fairly high productivity with considerable scope for resource recycling, but also a concept of ecological soundness leading to secure household food and nutritional security. Many farmers are practicing integrated farming with different combinations of available components as most of the farmers want to produce his household food and nutritional need to minimize the dependency on external sources. In my research plan, these existing farming systems will be assessed based on different monitorable variables involving fish culture, livestock, crops and agro-forestry to meet the food and nutritional security challenges of the region.
More Information (web-links)	