

- **Abstract of innovation:** Paddy straw mushroom production from threshed paddy straw

- **Introduction:** Technology generation is no longer confined to the scientific domain. Farmers in many cases have excelled in developing new practices that perform well in their own condition. They might not know the very principles of that practices but when the practice works it takes off for adoption in the vicinity.

Paddy is the ruling crop of Keonjhar district. Being rice is the main product, straw is major by-product. Mushroom is produced from paddy straw naturally and also through cultivation. Mushroom is the major food for vegetarian basically Keonjhar people habituated to take desi mushroom from forest as well as backward area in rainy season. So demand of mushroom in all types of people in society is very high and recognize as a remunerative enterprise.

- **Genesis of innovation**

Paddy grains are usually harvested after threshing straws manually or mechanically. Threshed paddy straws are mostly consumed by cattle or left unused. Farmers collect some mushrooms from those unused straw heaps, developed naturally. Observing this some farmers use mushroom spawns, mushroom washing water, dilute cord, gruel from watery rice sprinkle inside the heaps and harvest more mushroom. Now KVK has taken up the farmers innovation; did some refinement and popularizing it.

- **Details of farm innovation along with quality photographs/video**

In rainy season farmers sprinkle mushroom spawn on threshed heap paddy straw, available at backyard. Automatically 2-3 kg paddy straw mushroom comes out from 30-40 kg of heap straw.



- **Advantages and scalability of innovation:**

Unused threshed straws are economically used by farmers. Farm women get employment & income from it.

- **Out-scaling plan including activity milestones and timeline:**

It has been taken under OFT and will be popularized through FLD & training.

- **Socio-economic and environmental impact**

It will boost the economic condition of farmers and farm women. Utilization of unused paddy straw will give them additional income as well as clean the environment.

- **Summary**

Mushroom from unused threshed paddy straw is productive, remunerative and give additional income to farm families.

