



SUCCESS STORIES

of GUWAHATI BIOTECH PARK INCUBATION CENTRE

1. Innotech Interventions Pvt. Ltd. (IIPL)



Innotech Interventions Pvt. Ltd. (IIPL) is a DIPP recognized Startup, currently incubating at **GUWAHATI BIOTECH PARK's Incubation Centre** aims to translate laboratory based innovative technologies for its commercialization for sustainable and larger societal needs. The current focus of IIPL is on technologies related to specialty agriculture products that aim in providing holistic economic and environmental solutions as well as organically enhance the livelihood of the people

of the region. In order to address the vitamin D deficiency of about 80% of India's population, IIPL has designed a pulsed based irradiation protocol that involves specific wavelengths of UV, that can enhance Vitamin D content of Mushrooms significantly. IIPL also got several awards for this technology and patent has been applied for the same. Under the brand name, Woodberry TM and with FSSAI certification, we have commercially launched three Vitamin D enriched mushroom variants- Shiitake, Oyster and Button in the market in 2019.



With the support from BIRAC, Dept of Biotechnology, Govt of India, the proof of concept was established. The initial experimentation indicated that we could successfully enhance



the vitamin D content of mushrooms to over 200%. For the normal Vitamin D level of around 20 IU, we have successfully enhanced the vitamin D level through their technology to around 4000 IU. Woodberry TM contains around 4000 IU per 100 gm of

fresh produce. Thus, a pack of Woodberry TM can provide the recommended daily dose of Vitamin D.

2. Terra Blue XT

Terra Blue XT was an Incubatee of Guwahati Biotech Park's Incubation Centre who has moved out for scaling up their product with a motive to get into commercial scale. The company has developed a device called T-Jay which is a smart glove that aims at preventing Epilepsy attack seizures. The smart glove senses a person's electric signals and keeps track of their health vitals such as heart rate and pulse. This information is transmitted to a connected mobile device through Bluetooth, providing adequate warning of an epilepsy attack. The TJay glove has several sensors that extracts information from the palm of a hand. This information is transmitted continuously to Poketee, which is a personal data gateway and intelligent system that comes with TJay. Poketee keeps sending this information to our cloud environment at set intervals.

