



Student Innovations and Incubations:

Sl.No	Name of the student	Batch No.	Title of the Innovation	Brief Description
1	Samriddhi Shekhar	2021-23	MediPrepCheck	MediPrepCheck is an exclusive public health consultancy. Services offered by the firm would include healthcare system preparedness check (private and govt institutions), epidemic resilient township planning and also promoting a healthier corporate life for private sector employees. The dimensions of services can be expanded to various other sectors as well.
2	Aina U Kurup	2022-24	JACK- the Nutribar	<p>The very recent lockdown urged all the citizens to go into their gardens and scourge for food and other essentials. A lot of nutribars available in the market, which claims to be organic, are costly and not available for general public. JACK-the nutribar is a very tasty and nutrient dense energy bar, made wholly of ripe, best quality jackfruit, jaggery, various kinds of nuts and seeds, cardamom, with zero coloring. This pocket friendly nutribar comes in a very attractive eco-friendly packaging and aims at providing the joy of having a delicious sweet snack, to kids & adults alike, which is free of sugar and other artificial additives.</p> <p>Most of the sweeteners used in market available nutribars mostly includes corn syrup. JACK- the nutribar, promotes healthy and conscious eating habits, especially in kids; gradually helps them turn their attention from fast and quickly available unhealthy junk food to healthy ones.</p> <p>Our product promotes healthy eating, in kids, without taking away the joy of having a sweet snack, anytime, anyplace, without the fear of long term disadvantages arising from the use of refined flour and sugars. Also promotes the fruit and local farm produce and generates employment opportunities.</p>
3	Gargi V Patil	2022-24	Low-cost Life-saving Safety Probe for Manual Scavengers	Manual Scavengers are one of the most vulnerable groups in India, carrying out life threatening activity like entering hazardous manholes without any prior information about its condition and manually cleaning it. The National Commission for Safai Karmacharis reported 1790 deaths among this group between the years 2010 and 2019. Harmful gases like ammonia and methane encountered during the scavenging activity are the reported agents causing this high mortality. Manual

				<p>scavenging is linked to the rigid caste system that is deeply rooted within the social fabric of the country. The manual scavengers belong to the lowest strata of the society and are discriminated for the job they carry out. Technology can be utilized to bring about a sense of safety and dignity of labour among this vulnerable group. In this context we propose a probe technology that can be deployed to measure the depth of the manhole and read the toxic gases present within. It could further aid in vacuuming the toxic gases thereby making it safer for the person to enter and carry out the activity. This technology can thus help the worker to gauge the safety of the work environment prior to initiating any activity. This in turn could reduce the morbidity due to asphyxiation caused by the toxic gases as well as ensure a safe working environment for this particular group of people.</p>
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