

Technology Transfer Cell, Faculty of Allied Health Sciences, University of Ruhuna

SR No.	Product/process	Innovator/s
01.	Mosquito Repellent Herbal Cream	Ms. Wathsala Jayarathna Dr. Sujeewa Hettihewa
02.	Herbal Hand Sanitizer	Dr. Sujeewa Hettihewa
03.	Herbal Hand Rub	Ms. KD Shanika V Karunanayaka Dr. Sujeewa Hettihewa Dr. Lilani Karunanayaka Dr. Dharshan De Silva
04.	Two Herbal Tea Products	Ms. P. Dinithi. SA De Silva Dr. Sujeewa Hettihewa
05.	Four Herbal Tea Products	Dr. Sujeewa Hettihewa

Technology Transfer Cell (TTC) is the committee established under the purview of the Technology Transfer Office (TTO) of the university to encourage and facilitating for invention and innovation of students and academic staff of the Faculty of Allied Health Sciences (FAHS), University of Ruhuna. TTC was established in the year 2018 and the main role of the TTC is to function as the connecting body between Technology Transfer Office (TTO) of University of Ruhuna and innovators of the Faculty of Allied Health Sciences (FAHS) and to facilitate the staff and students to translate new and innovative research into commercially viable products or services.

1.1.Liver Detox tea products

Ingredients: Heenbovitiya, Ginger, Vanilla, Green Tea

Heen Bovitiya (*Osbeckia octandra*): The plant is known for its curative properties and has been used for centuries in Ayurveda treatment. Illnesses such as diabetes mellitus, hepatitis, jaundice, and hyperlipidemia are said to be cured by the use of this plant.

Its leaves are very effective to fight liver damage.

Ginger: A flowering plant whose rhizome, ginger root or ginger is widely used as a spice and folk medicine. It has been used over centuries to prevent the risk of heart disease and control lower blood sugar.

Vanilia: According to research, vanilla has essential properties that help fight heart disease, control stress levels and is a great immunity booster.



Image 01: Liver Detox Tea

1.2. Diabetics control Tea

Ingredients: Thebu, Garlic, Vanilla, Green Tea

Thebu (*Conarus Spectiosus*): This plant naturally regulates the blood sugar level. For years Thebu has been used to control levels of sugar and the leaves can stimulate appetite, control phlegm and bile, treat skin issues and control fever and cough.

Garlic: It's widely used for several conditions linked to the blood system and heart, including atherosclerosis (hardening of the arteries), high cholesterol, heart attack, coronary heart disease, and hypertension.

Vanilla: Vanilla's essential properties help fight heart disease, control stress levels and is a great immunity booster



Image 02: Diabetes control Teas

1.3. Immune Booster Tea

Ingredients: Nelli, Green Tea

Nelli: One of the best medicinal combinations that help cool the body, cleanse blood circulating in the body and boost immunity as protection against various diseases. Green Tea: Green tea contains healthy bioactive compounds, which help improve brain functions, supports heart health and Increase fat burning.



Image 03: Immune Booster Tea

1.4. Cholesterol control Tea

Ingredients: Fenugreek, Green Tea, Vanilla

Fenugreek: The benefits are vast which include lowering blood sugar levels, cholesterol levels, lower inflammation and help with appetite control. It also helps with boosting testosterone and increasing milk production in breastfeeding mothers. Green Tea: Green tea is proven to help improve blood flow and lower cholesterol. According to research green tea helps prevent a range of heart-related issues, from high blood pressure to congestive heart failure.

Vanilla: It is good for the heart and helps control cholesterol levels. A great remedy for those who are at high risk of heart attacks and strokes.



Image 04: Cholesterol control Tea

1.5.Sleep well Tea

Ingredients : Black Tea, Amukkar

Amukkara (Withania Somniferais): Scientifically proven to reduce blood sugar and is ideal for diabetics who are looking to control blood sugar. It improves the body's defense mechanisms against diseases by improving cell-mediated immunity. Black Tea: Black tea contains another group of antioxidants called flavonoids, which benefit heart health. According to research, those who drank black tea had a significant decrease in systolic and diastolic blood pressure, compared to the placebo group.



Image 05: Sleep well Tea

1.6. Slimming Tea

Ingredients: Green Tea, Garcinia

Garcinia: According to research Garcinia contains Hydroxycitric acid which might improve weight loss by preventing fat storage and controlling appetite. It also helps to boost the immune system, decrease leptin levels, and increase insulin sensitivity. Green Tea: Green tea is proven to help improve blood flow and lower cholesterol. According to research studies green tea helps to prevent a range of heart-related issues, from high blood pressure to congestive heart failure.



Image 06: Slimming Tea

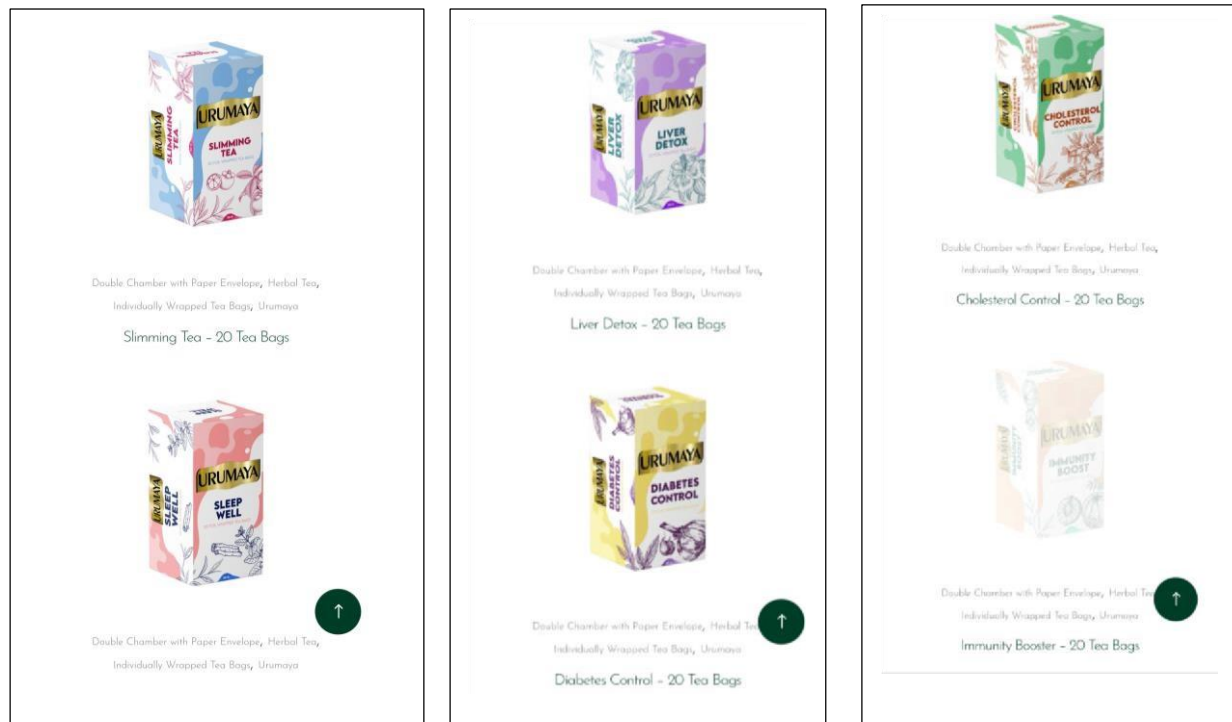


Image 07: Marketing carried out through the website



1.7. Alcohol based clove hand rub

Alcohol based clove and herbal rub product has been designed to reduce healthcare associated infections and enhance the hand sanitizing practice. Most of the hand rubs used in health care setting, the healthcare professionals are complaining of irritancy of the hands due to rub products that they are used in day-today procedures. This hand rub has been developed to rub hands which is effects in 15 seconds and that can to be used in surgical theaters and ward of the hospitals. The product specialty is that, this hand rub is having high efficacy with lesser side effects and moisturizing effect, less expensive than the other products available in the market. Thus this product aims to reduce the side effect while enhancing the efficacy using natural plant extracts. This novel product is advantageous over other conventional products in the market due to higher efficacy of herbal plant products with lesser side effects.



Image 07: Alcohol based clove hand rub

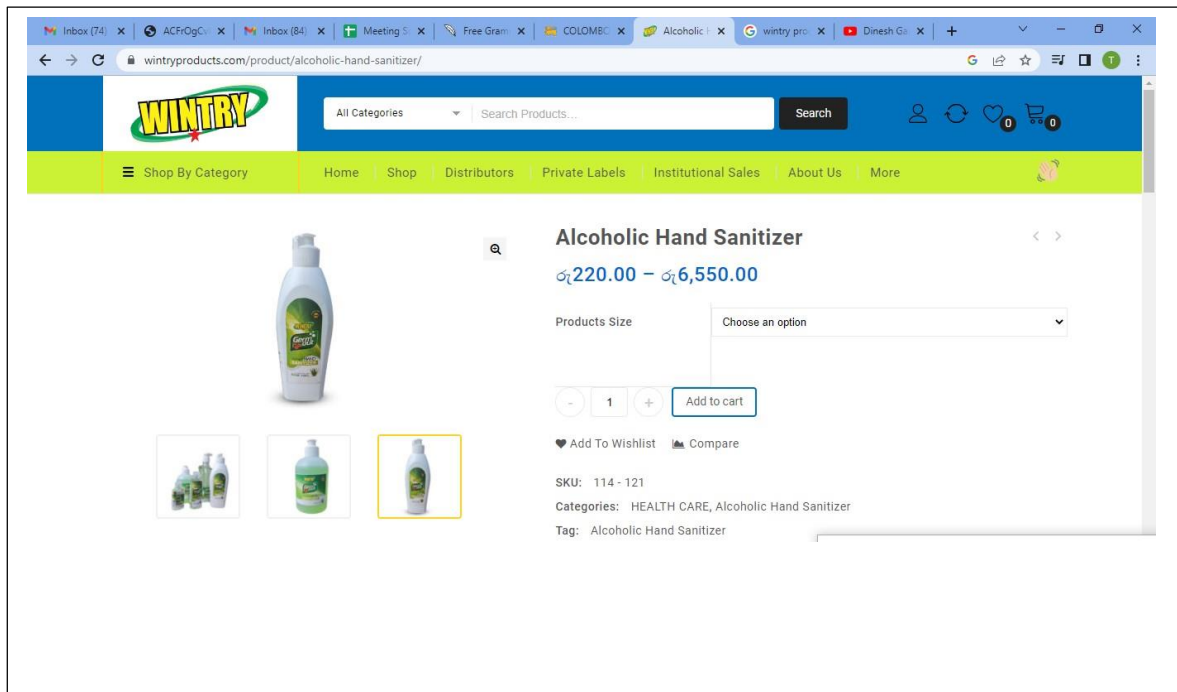
1.8. Herbal Hand Sanitizer

Herbal hand sanitizer is an antiseptic cleansing solution that can disinfect 99.9% from bacteria and viruses of your hands. Corona viruses are also destroyed because they contain 75% alcohol. This will keep your hands refreshed while you are in the car, office, excursion, travel, sports, etc.

Products are available on the company website for online purchasing. Also can reach through the <https://www.wintryproducts.com/product/alcoholic-hand-sanitizer/>



Image 08: Herbal Hand Sanitizer



1.9. Mosquito Repellent Cream

A product formulated from natural ingredients that contain natural essential oils extracts to protect you from mosquitoes while you in indoor and outdoor activities. It is a natural cream that repels many insects. It does not contain any harmful chemicals like DEET. It is safe for all ages (including children) and can be applied on the skin without any fear.

Products are available on the company website for online purchasing. Also can reach though the <https://www.wintryproducts.com/product/mosq-out-cream/>



Image 09: Mosquito repellent cream