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BBC launches innovative products developed by nurtured startups

21 September 2021 | News

5 innovative products launched for both COVID-19 and non-COVID-19 purpose



Bangalore Bioinnovation Centre (BBC), under the aegis of Karnataka Innovation and Technology Society (KITS), Department of Electronics, IT, BT and S&T, Government of Karnataka has launched five innovative products developed by startups being nurtured there.

The products were launched by Prof G Padmanaban, former Director of Indian Institute of Science (IISc), Bengaluru who is also the chairman of the Technical Advisory Resource Group Committee (TARG) of BBC.

Scalreolide: Developed by Dr Chandrika from Tojo Vikas, it is a fermentation product of Sclareol and is key fragrance intermediate in the development of Amber notes. This is the first company from India to develop this through synthetic biology approach.

Vyvuz: Developed by Dr Latha Damle of Atrimed Biotech, the product is a herbal supplement against COVID 19. The formulation showed 99.80% inhibition of the COVID-19 virus replication in Phase 2 clinical trial.

FibroScar Gel: Developed by Dr Vivek Mishra of Fibroheal, the product is effective for skin scar management and moisturization.

Engineered Enzymes: Developed by Praveen of K cat Enzymatic, the engineered enzymes include Transaminase, Lipase, Ketoreductase, Nitrilase, Hydroxylase, Alcohol Reductase and Ene Reductase. These Industrially useful enzymes have been developed using 7D Grid Technology which is an Artificial Intelligence based enzyme engineering framework.

Spike S1 protein and Pseudovirus: Developed by Dr Rajanikant Vangala of Neuome Technologies, the products can be used for COVID-19 detection. These products are imported currently and indigenous production by Neuome will help in avoiding imports and developing our own capabilities in research.

Dr Jitendra Kumar, Managing Director said “BBC is committed to provide all supports such as Infrastructure/equipment, funding, mentorship, networking and branding support to the Innovators and the launch of these products in addition to earlier launch of fifteen products is a testimony to this”.