



TIME BOUND
PARLIAMENT QUESTION

Sub: Part-wise inputs i.r.o Lok Sabha Unstarred question no. 3446 for 23.03.2022 - **Innovation Values** – reg.

Point-wise inputs submitted by **Sree Chitra Tirunal Institute for Medical Sciences and Technology, Trivandrum (SCTIMST).**

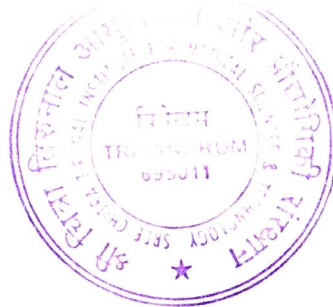
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| (a) | The details of the various initiatives taken up by the Government for boosting India's entire innovation value chain comprising researchers and research institutes keeping in view the COVID-19 and tackling the pandemic; | <p><u>R&D programs</u></p> <p>Fast track R&D programs were initiated during the covid epidemic. Teams were formed to develop different covid products of which the following were commercialized:</p> <ul style="list-style-type: none">• Chitra Multiplex RT-PCR kit(M/s Huwel Life Sciences, Hyderabad)• Chitra Magna RNA isolation kit (M/s Agappe Diagnostics, Kerala)• Emergency Breathing Assist Device (M/s Wipro Enterprises Ltd, Bangalore)• Medicab (4-zone strategy for the design of mediCAB housing structures for the COVID 19 pandemic) (M/s Debrique creative labs, Chennai)• UV based facemask disposal bin (M/s VST Mobility solutions, Kerala)• Viral Transport Medium(M/s Origin diagnostics and research, Kerala)• Nylon flocked swab (M/s Mallelipoymers, Kerala) <p>Technology transfer of many other technologies like Infected Secretion Solidification System (Acrylosorb), Detection system for CORONA virus using isothermal amplification, isolation pad, Examination Booth, Swab collection booth, disinfection gateway etc. were done during the covid period.</p> <p><u>ICMR designated validation centre</u></p> <p>The Institute was designated by ICMR as validation centre for COVID products and the Institute had successfully completed desktop and product evaluations of products from manufacturers across India. The products include antimicrobial coating, surface disinfectant, UV based devices etc.</p> |
| (b) | The details of the various institutes/ organisations involved in boosting the innovation values; and | The Institute was associating with many industrial partners during the epidemic for association with the covid products (MOUs were signed) like: |

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| | | <ul style="list-style-type: none"> • M/s Origin diagnostics and research, Kerala • M/s Malleilpoyers, Kerala • M/s Tata sons Ltd • M/s Meril Diagnostics Pvt Ltd, Gujarat • Levram lifesciences, Mumbai • Vivesty Green Recyclers, Kerala • PMG equipments , Hyderabad • Romsons Scientifics, Delhi • HMT Machine tools Ltd, Kerala • HLL Lifecare Ltd, Kerala • HMG (India), Mumbai • JADRO Steel LLP, Kolkatta • Sivapriya Exim Pvt. Ltd, Chennai • TVS Supply Chain Solution Limited, Bengaluru • Indiahub E-Governance Private Limited, New Delhi • Kerala State Drugs Pharmaceuticals Ltd |
| (c) | The details of the programmes/ schemes developed by the Government for these purposes? | The R&D programs were supported by the Technical Research Centre program of the Institute funded by the Department of Science & Technology |

Date: 30.05.2022



DIRECTOR



വിദ്വേഷക / DIRECTOR

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