

**Proposals on Product Development towards Combating COVID 19 Outbreak
An Initiative from IIT Kharagpur**

Category: Medical Equipments / Robots

Title: Design and Development of an indigenous Real Time PCR Machine

Expected Outcome: Design and build an indigenous Real-Time Polymerase Chain Reaction (RT-PCR) machine for use in suburban and rural hospitals and healthcare centres.

Timeline for prototype - 3 months

Remarks: Funding requirement Rs 18 Lakh

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