



Template for Requirement

(To be filled by industry)

Details of the Company	
Name	: Kerala Startup Mission (KSUM)
Sector	: Nodal agency of the Government of Kerala for promoting Innovation and entrepreneurship in the state.

Details of the Challenge/Requirements	
Sector	: National Research Innovation Challenge (NRIC)
Objective	: Kerala Startup Mission (KSUM) is organising a National Research Innovation Challenge (NRIC) to identify research centric ideas that could be translated into products having commercial viability.
Category (Select One)	: 1. Innovation
Description	: Kerala Startup Mission (KSUM) is inviting applications for National Research Innovation Challenge (NRIC) from researchers at higher-education establishments of national or state level, recognized research institutes or universities to translate scientific discoveries into commercial innovations. The challenge falls under KSUM's Research Innovation Network Kerala (RINK), that facilitates links between frontline research organisations, startups, industries, corporate houses and government agencies to promote translational research. The thematic areas include space science, agriculture, healthcare, life science, smart city, cyber security, cloud computing, consumer tech and ayurveda. Fifteen applications carrying innovative ideas will be considered for the research incubation programme in Kerala. Those selected and ranked first, second and third will get respective grants of Rs 10 lakh, 8 lakh and 5 lakh.
Tentative Budgets	: a) Total Cost : 25 Lakhs b) Grant : 23 Lakhs c) Operational Cost : 2 Lakhs
Timelines	: Last date for application: 30 April, 2022

Expected Outcomes	:	Translation of research idea into commercial innovation through research incubation programme in Kerala
Other Details	:	<ul style="list-style-type: none"> a) Are Joint Proposals Allowed : Researchers can submit joint proposals b) Are multiple submissions allowed? : Yes c) Project Coverage (Regional/Pan -India) : Pan-India
Format	:	<ul style="list-style-type: none"> a) Online application available at https://startupmission.kerala.gov.in/pages/nric b) Template if any : Nil
Technology Readiness Level	:	Ideation (TRL 2): Applied research
Shortlisting Procedure	:	Based on online application and presentation in front of expert panel
IPR Ownership (Patenting Pattern)	:	Applicant should have ownership of the IPR or exclusive rights to commercialize the IPR.

Details of Current/Previous Industry Academia Collaboration

The Kerala Startup Mission (KSUM) is the state nodal agency for the promotion of innovation and entrepreneurship in the state and the implementation of the Kerala Technology Startup Policy. The highly innovative and productive environment of KSUM provides entrepreneurs with the right ambience to build up technology ventures at international standards.

Kerala Startup Mission supports the innovators and startups through different types of funding and support schemes. KSUM promote innovation among youth through several of its initiatives, including Idea Fest. KSUM runs Innovation and Entrepreneurship Development Centres (IEDCs) nurturing aspiring entrepreneurs across colleges in the state. With its focus on innovation driven entrepreneurship, KSUM has established RINK platform by which R&D institutions and universities shall be connected with industry, whereby innovations can be discovered, brought to the forefront, nurtured and developed into readiness for commercialisation. The FabLab programme in Kerala has set up state-of-the-art fabrication laboratories in the state to encourage innovators in the technology sector. To

help startups to meet industry leaders and connect with potential investors, KSUM is conducting series of accelerator programs.

KSUM has collaborations with government, PSUs and corporates to enable and empower startups and youth with opportunities in the tech industry and the digital economy. KSUM conducts its annual flagship event, Huddle Global for bringing together investors, startup founders, industry executives and government representatives. CDAC has associated with KSUM in providing mentorship support to various startups. TiE Kerala has been closely associated with KSUM in promoting the startup ecosystem and investing in startups through its Kerala Angel Network (KAN). KSUM has collaborations with Google. KSUM joined hands with Hitachi India, TATA AIA, Bharat Petroleum Corporation Limited, Bosch, CREDAI to conduct an innovation challenge among the Indian startups. Targeted at mature startups, International Entrepreneurial Exchange Programme is organized to expose startups to the world's biggest tech ecosystems such as Silicon Valley and foster interaction with entrepreneurs and industry stalwarts from around the world.

KSUM in association with MG University, Kerala is conducting a Research Incubation Programme under its RINK platform which is worth 1 crore. MG university will run the program for selected researchers from the national level challenge and provide mentoring support for the translation of research ideas into commercial innovations. The Business Innovation and Incubation Centre (BIIC) of MG University will provide incubation support for the startups emerging out of the Research Incubation Programme.