

**CENTRE FOR ADVANCED TECHNOLOGIES IN DISASTER MANAGEMENT**  
**COCHIN UNIVERSITY OF SCIENCE AND TECHNOLOGY**  
KOCHI - 682 022, KERALA

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**Project call**

No. : CATDM/01/2020 dated 24/06/2020

CUSAT, Centre for Advanced Technologies in Disaster Management (CATDM) invites proposal for innovative projects in the thematic areas and as per the guidelines of submission given in the annexure.

**About the Centre**

The Centre amongst other functions will be instrumental in developing innovative products pertaining to likely disasters and will also develop courses with industries in disaster management, technologies in public health, strategic leadership and other allied domains

**Who can apply?**

Any current student of CUSAT or KTU will be eligible to apply for the programme. Applicants should be Innovators exploring Innovative ideas.

**How to apply?**

The application can be solo or team wise. However application of teams with Interdisciplinary members and themes are preferred. Every team must have a mentor. A Mentor can be a Permanent Faculty at your Department who can guide you throughout the project. All the interaction between CATDM and a selected team will be via Team Mentor. The applications are to be mailed to [cadtm@cusat.ac.in](mailto:cadtm@cusat.ac.in) and the hard copy should reach the undersigned on or before 2-7-2020. The guidelines for submission are given below.

Dr.K.K.Saju  
Academic Coordinator CATDM  
Professor School of Engineering

Annexure

**GUIDELINES FOR SUBMISSION OF DETAILS OF THE STUDENT PROJECT**

The applications should contain complete details about the project, the financial requirement and the possible market for the product. Interdisciplinary projects are encouraged. Projects should pertain to devices for surveillance warning systems prevention and rescue in view of the present pandemic situation as well as disasters like flood and other natural and unnatural calamities. The specific requirements are detailed below. Proposals which aim at materializing the products or solutions within the shortest possible time considering the nature of application will be encouraged.

- 1) UV sanitization of equipments ,footwear ,etc
- 2) Automisation and digitalization of hospital trolleys ,medicine carts etc
- 3) Development of online and hands free diagnostic tools
- 4) Surveillance tools and early warning systems for floods
- 5) Devices for flood relief camps in view of present pandemic

The project information has to cover the following aspects:

**1. THE BUSINESS**

The product/service/idea. The technology behind the product or the service, possible innovation at a later stage, Scalability ,The market (the size of the market and its growth potential)

**2. THE TEAM**

Brief description of each member of the team stating qualifications and other details. Mention whether any mentor has been identified or not? Mention whether any preliminary discussion has been done with the mentor? Mention whether any of the team members participated in any entrepreneurship related programmes

**3. THE SUPPORT SYSTEM**

Is the host institution capable of supporting the team in the project Does the host institution have necessary equipments and hardware for the development of the project and subsequent testing. Has any collaborative industry been identified.

**4. THE FINANCIAL REQUIREMENT**

The cost of purchase of raw materials, the cost of contingencies, Product development cost and any other expenditure should be clearly mentioned. The funding shall be provided to a maximum of Rs 50,000/- per project. The funding criterion will be at the sole discretion of the selection committee.