QISKITQ TECHNOLOGIES
IT CONSULTATION

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DATE: 11TH MAY 2026

CERTIFICATE OF SPONSORSHIP / SEED FUNDING SUPPORT

This is to certify that Mr. Saswata Bag has received sponsorship / seed funding support from **Qiskitq Technologies** for the project titled:
"Developing Coal Mine Hazard Evaluation & Tracking Assessment Kit — CHETAK 2.0"

Qiskitq Technologies is pleased to support this innovative research and development initiative with a seed funding amount of:
INR 1,20,000/-
Rupees One Lakh Twenty Thousand Only

The objective of this funding is to support the development of CHETAK 2.0, an upgraded version of the Coal Mine Hazard Evaluation & Tracking Assessment Kit, designed to enhance safety, rescue operations, and emergency response capabilities in underground coal mining environments.
Building on the capabilities of its predecessor, CHETAK 2.0 will feature an advanced AI-powered vision system capable of distinguishing humans from surrounding objects. This will help in the rapid identification, tracking, and rescue of trapped miners during underground emergencies.
The upgraded model will also incorporate fire-detection sensors to identify hazardous fire conditions within mines. An integrated fire-extinguishing ball mechanism is proposed to automatically suppress flames, while a dedicated air-filtration system will help remove smoke and toxic gases, creating safer operational conditions for miners and disaster-response teams.
In addition, CHETAK 2.0 will include an AI-assisted emergency medical support system, equipped with essential emergency medicines, a trained first-aid assistance module, and a compact oxygen cylinder to provide critical respiratory support in life-threatening situations.
Through this sponsorship / seed funding, Qiskitq Technologies aims to encourage innovation in coal mine safety, AI-based hazard monitoring, emergency rescue technology, and disaster-response automation.
The project is expected to advance toward Technology Readiness Level 6–7, supporting field validation and future deployment in real-world mining environments.
We wish Mr. Saswata Bag continued success in the development and implementation of CHETAK 2.0.

Authorized Signatory:
Name : Kabita Nandy
Designation: CEO
Signature: Kabita Nandy

