**Why are you applying for Financial Aid?**(150 words minimum required)

I, Shanjeevan Amalanathan, am a young innovator from Sri Lanka, who is in the pursuit of accessing a multidisciplinary scientific infrastructure that provides support for research, innovation and training, in the marine and maritime sectors, where I can amplify my knowledge in underwater vehicles, deep-sea ecosystems and ocean biogeochemistry, to keep an eye on our precious Blue Ecosystems. For my further studies in Geology, I need money. Therefore I planned to start a business in my home place to import the local products which have a huge market in the western world. To reinforce my innovative thinking, I joined a community innovation center called DreamSpace Academy in Batticaloa, Sri Lanka and I have been gaining the necessary Maker skills to develop my technology and business models. I have no money to afford a course like this. I hope this course can help me to start a business and improve my career through business.

**How will taking this course help you achieve your career goals?**(150 words minimum required)

During my study to explore the ocean ecosystem in Sri Lanka, I found out that after the Tsunami disaster in 2004, the water ecosystem in Batticaloa was significantly disrupted, and the local community started seeing a large number of eels that had emerged from the backwaters, which locals presumed to be snakes, as such species were not commonly visible above wate

I saw the need for a system to monitor the ocean and backwaters around Batticaloa. Therefore I have taken the challenge to build an affordable underwater glider, with the help of the existing open-source project Open source Underwater Glider

I believes that he will be further contributing to the OSUG project, by making it a production-ready underwater glider with multiparameter measurements system that will play a vital role in protecting the Blue Ecosystems in Global South.

To Built this Underwater Glider I need to study electronics, electrical, mechanical and more. I hope this cource may help me to gain knowledge of the basic electronics and lead the way to achive my goal.

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