

Technology Products arising through I-STEM:

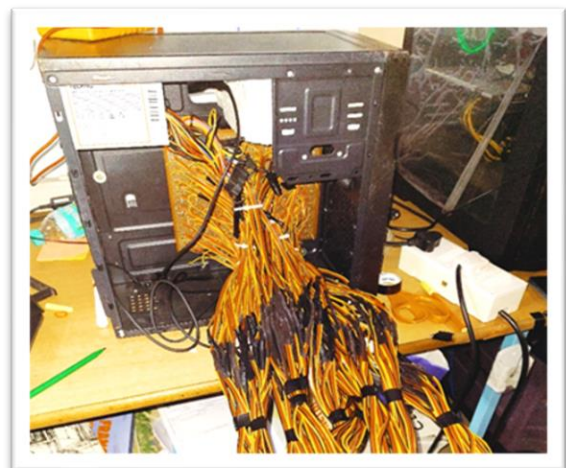
- 1) **SBH Electrocloud Private Limited**, the Start-Up availing the support from the I-STEM, last year launched **electronic paint (e-paint)** which is available on the online retailer website, Amazon.
- 2) The **Oorja.Energy**, another Start-Up availing the support from the I-STEM is modelling thermal management in Battery packs and launched their product, (**istem.oorja.energy**) software during the I-STEM Conclave (ITMC) on 19 January 2023, [This product/software is shared through I-STEM and is available to the researchers through the portal at no cost.
- 3) **Dr. K. Saminathan** & his team from Kongunadu Arts and Science College, Coimbatore, Tamil Nadu came up with their Aluminium -Air Battery in the form of Indigenous product development. The basic working principle of a metal-air battery is to electrochemically reduce the oxygen from the air and oxidize the metal. The patent is being filled for improving the anode (Metal)performance to match for Electric Vehicle

Product is in the market through
AMAZON

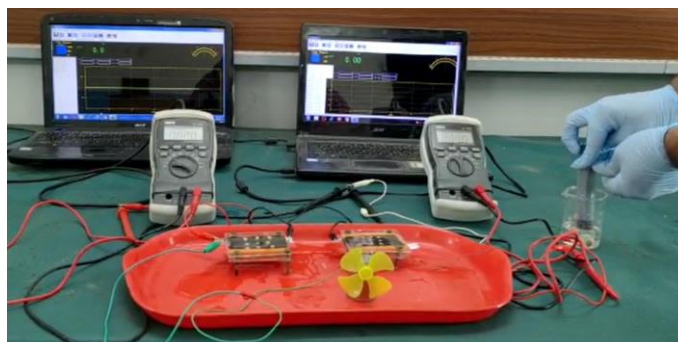


SBH Electrocloud Pvt. Ltd, West Bengal: Electronic Paint (e-paint)

Prototype



Automata Research Laboratory, Karnataka: Macro prototype of Photonic Processor



Al-Air Battery, Kongunadu Arts & Science College, Coimbatore, Tamil Nadu