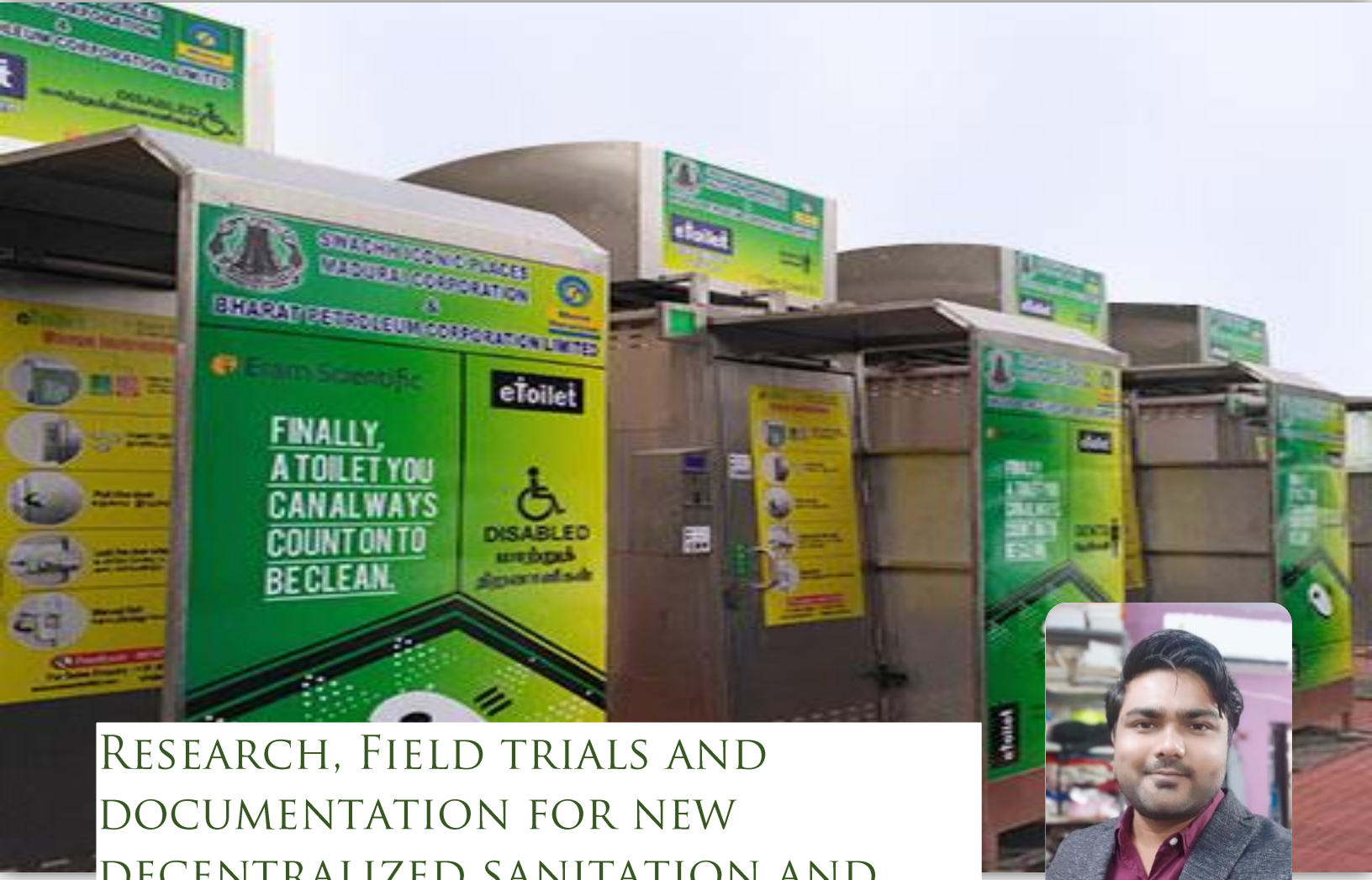

Research, Field trials and documentation for new decentralized sanitation and disinfection solution (India)

For the energy and cost efficient decentralized wastewater system, I worked in the designing and construction of a treatment system that was so compact that it could be transported to any place for treatment purpose and treat waste by consuming very less electricity. The system I designed was to treat 6000 liters of waste water in a day and the treated water can be used for recreational purpose or flushing. Also, in utilization of IoT sensors and technologies, I observed that these systems can also be monitored and operated in multiple quantity from remote location. This also helped me to check the working and efficiency of the treatment system.

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