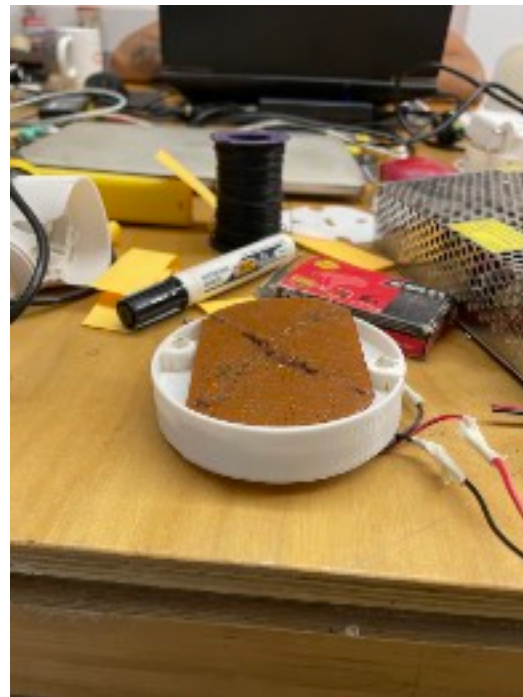


# Experiments & PoC



Achieving Improved safety using mechanical switch to activate the nichrome only when the sambrani presses against it. Nichrome wasn't able to start the burning by itself because of Nichrome wires having less surface area.





# Experiments & PoC



A PoC was made to demonstrate how much residue is accumulated on burning and how helpful a fan is in the burning of a sambrani. The final understanding is that the box gets yellowed out very much - hence it would be better to seal off the nichrome once ignition happens to make sure Nichrome doesn't get spoilt faster than it ideally should. The overall burning time of Sambrani was 21 minutes to fully burn out - 12:34 to 12:55 on 17th July, 2022