

Space Thrust Generator (without using Reaction Mass)

The Issue Addressed:

- Attitude control in Satellites is currently done by firing thrusters to obtain reaction. This limits the life as it is dependent of quantity of fuel.
- Reaction mass in form of burning of fuel is also used for space exploration.

Our Solution: • SKD has devised an apparatus to generate thrust without any reaction mass.



- 0.1N reaction thrust in form of 10 grams weight reduction obtained from just 100W electrical power consumption.

Prototype Ready



More Saving due to longer life as it will be powered by Solar

Low Cost compared to Fuel based thruster



Break-through technology and a major innovation in Space Thrust Generation

About SKD:

- ❖ S K Dynamics Pvt. Ltd. (SKD) was set-up with sole purpose of pursuing R&D in the area of Electromechanical Engineering, Digital Signal processing, Power Electronics and System engineering.
- ❖ Self-funded breakthrough research on thrust generation carried out for almost 3 decades.
- ❖ SKD is recognized by Department of Scientific and Industrial Research (DSIR), Ministry of Science and Technology as in-house R&D unit.
- ❖ Winners of numerous prestigious National level awards.



Proto-1



Proto-2

Note: Image for representational purpose only

Two Protos are ready for Demo

Can supply commercial grade proto