



Success Stories under TDF



Carbon Composite Seawater Pumps

125 TPH recirculation & 40 TPH dewatering pump designed

Only 2nd company in the world to make such pumps

Tested with 100 hr endurance, shock & vibration test

125 TPH

No noise signature deterioration, 16% more efficient, 44% less weight



40 TPH

IP68, dry run auto cut-off, pumps 6mm debris



Prussian Blue Formulations

Pru-Decorp™ and Pru-Decorp-MG Capsules



Successfully installed on INS Delhi and INS Kolkata (Operated >750 Hrs)

Firm received orders from Armed Forces & G-20 Summit



Drones for carriage of stores at high altitude
Firm received orders received >200Cr for variants



Predictive Maintenance of MiG 29 aircraft through AI & ML



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TECHNOLOGY DEVELOPMENT FUND



Avionics Antenna LRUs

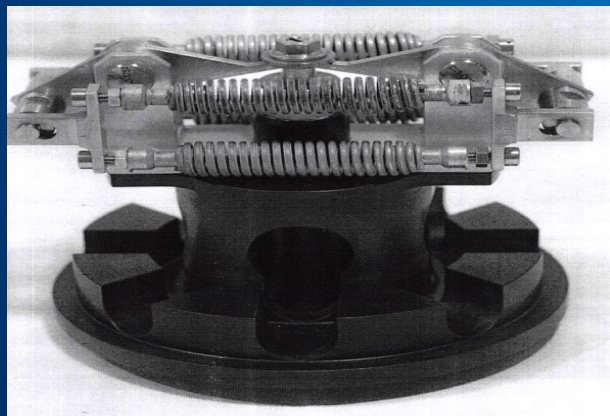


रक्षा मंत्री कार्यालय/ RMO India and A. Bharat Bhushan Babu

Green Propulsion System successfully tested in orbit of PSLV C-58 mission



Autonomous Drone for SRN in indoor environment (Used in Silkyara Tunnel rescue operation)



Fuel system valves for Aircraft Applications (Firm received inquiries from HAL)



Startup Projects

1. Simulator for unmanned Ground, marine and aerial vehicles
2. Tools for data assessment, active learning and believability for visual data



Dare to Dream Projects

1. Predictive Health Maintenance of Aero Gas Turbine Engine through AI&ML
2. AI based identification of a person based on physiological parameters



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Funded by: **TECHNOLOGY DEVELOPMENT FUND**

Logic Truit Technologies

ARINIC 818 Video Processing

Reconcile Legacy & Modern Avionics Systems with our Integrated Solution


Highly cost-effective solution for aircraft upgradation | Achieve high bandwidth, low latency, un-complex digital video transmission



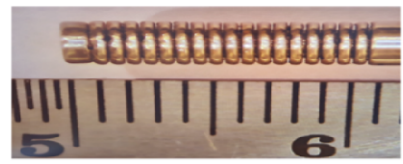
DRDO logo on hardware unit.

Letter of Acceptance for Use of AVIPSM Software
Acceptance No. :RCMA(Sw)/001/2021

13 July 2021



Pic. 1
JT Cooler with Self Regulation




Pic. 3
JT Cooler with Fixed Orifice



Pic. 4
Development of Bellows

Orders received from South Korea (2% royalty paid to DRDO)

Self regulating JT cooler for Missile seeker Application (Firm received enquiries from France)