The support rendered through the INAE Abdul Kalam Fellowship, Dr. Abhishek has enabled the development of two Unmanned Aerial Vehicle products which is already being commercialized: 1) an unmanned helicopter UAV called Vibhram and 2) a novel biplane tailsitter Vertical and Takeoff (VTOL) UAV called BiTs. Vibhram UAV which is a conventional single main rotorbased design with option for fuel or electric power plant can lift 5 kg payload at sea level with endurance of eighty minutes. With a lighter payload the same system can fly for over 3 hrs while outrunning and out manoeuvring most conventional multirotor drones with a top speed of 100 km/hr. The second product called Endure BiTs (Biplane Tailsitter) drone is a novel design that offers unprecedented simplicity, gust tolerance, ease of operation and reliability. The current system is capable of transporting 4-5 kg payload over a range of 30 km. Two other variants are also under development, the first one for surveillance mission and the second one for lifting 10-20 kg payload. This configuration is an electrically powered VTOL configuration with two small wings for compact footprint and distributed propulsion system for high efficiency and quietness. Vehicle takes off vertically and then transitions to the forward flight by performing pitch down manoeuvre to fly like a tailless airplane. Unlike other VTOL systems this UAS is free from dead weight and drag penalty experienced in quadplanes (quadrotor-airplane hybrid) due to separate thrust and lift motors and no complexity and weight penalty that is associated with tilting of propellers. These UAS are undergoing testing and trials for surveillance, disaster response and payload delivery missions.