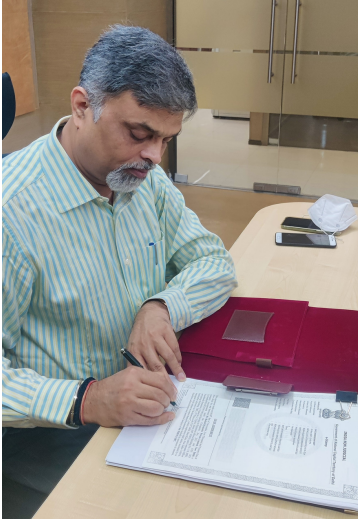




Technology Development Board
supports
M/s Botlab Dynamics Private Limited, New Delhi
for
Design and Development of a Reconfigurable Swarming System Consisting of 500-1000 Drones for 3D Choreographed Drone Light Shows.



Agreement Signed on 08.11.2021

Technology Development Board has approved financial assistance to M/s Botlab Dynamics Private Limited, New Delhi, a startup incubated at IIT Delhi for Design and Development of a Reconfigurable Swarming System Consisting of 500-1000 Drones for 3D Choreographed Drone Light Shows.

The project considered is for building a fleet of 500-1000 drones which can be operated with a single controlling system. In drone swarming, flying hundreds of drones simultaneously while controlling their flying pattern through a single software platform is a technological challenge. To achieve this goal, Botlab team has indigenously developed all the necessary components, including both hardware and software such as the flight controller (brain of the drone); precision GPS; motor controller; Ground Control Station (GCS) algorithms etc.