

**DRDO Contest – 2021**

Digital Wallpaper Design

**Theme**: DRDO’s Products

**Contest organized by**: Defence Research and Development Organization

**Designers**: Parth Parmar & Pranav Raj

**Design Statement**: Showing DRDO’s Products in the Digital Wallpaper in an interactive way.

DRDO’s Products Digital Wallpaper: <https://drive.google.com/file/d/1dIqxCsjElLvgLiEvC0Z_0iMYB9dkMMN4/view>

Products used in this Digital Wallpaper:

1. Astra
2. Tejas
3. Abhyas
4. Arjun Main Battle Tank (MBT) Mk IA
5. Anti-Tank Guided Missile - NAG
6. Aircrew Parachutes

Products Description

1. **Astra**: ASTRA is a Beyond Visual Range (BVR) class of Air-to-Air Missile (AAM) system designed to be mounted on fighter aircraft. It has excellent ECCM features, smokeless propulsion and very effective in multi-target scenario.
2. **Tejas:** The Light Combat Aircraft (LCA) TEJAS is an Indian multirole light fighter designed by the Aeronautical Development Agency (ADA) in collaboration with Aircraft Research and Design Centre (ARDC) of Hindustan Aeronautics Limited (HAL) for the Indian Air Force and Indian Navy.
3. **Abhyas:** Abhyas is a High-speed Expendable Aerial Target being developed at ADE. Abhyas can be used as aerial target for missile systems. DRDO successfully test fired Abhyas from Integrated Test Range, Odisha on 22 October 2021. The test was conducted to check low altitude flight capability with radar altimeter in loop demonstration in autonomous flight mode
4. **Arjun Main Battle Tank (MBT) Mk IA:** The Arjun is a third-generation main battle tank developed by the Combat Vehicles Research and Development Establishment (CVRDE) of the Defence Research and Development Organization (DRDO), for the Indian Army. The tank is named after Arjuna, the archer prince who is the main protagonist of the Indian epic poem Mahabharata. Design work began in 1986 and was finished in 1996.
5. **Anti-Tank Guided Missile – NAG:**  NAG Missile is a third generation, all weather, fire & forget and Lock-on-Before Launch (LOBL), Anti-Tank Guided Missile (ATGM). It has autonomous IIR seeker. NAG missile is deployed on a tracked vehicle chassis. It has very high accuracy.
6. **Aircrew Parachutes:** Aircrew parachutes are designed to provide safe landing to the pilot in case of emergencies. This type of parachutes has been designed & developed for all types of fighter aircrafts available with Indian Defence forces.