

Life Saver RAKSHITA- bike ambulance for evacuation in remote regions launched by INMAS and CRPF

Central Reserve Police Force and DRDO's Institute of Nuclear Medicine and Allied Sciences (INMAS) launched a bike ambulance RAKSHITA at CRPF Headquarters in New Delhi. Dr. A.P. Maheshwari, DG CRPF and Dr. A.K. Singh, DS & DG (LS), DRDO unveiled the bike ambulance developed by INMAS in collaboration with CRPF for golden hour life saving aid and evacuation.

DG CRPF expressed his gratitude to team INMAS for their unrelenting efforts put in developing the bike ambulance and commended their tireless dedication and professional efficiency...

While expressing his deepest gratitude to DG CRPF for working together, giving regular inputs throughout the journey of the development of this life saving bike and entrusting INMAS with this innovation, Dr. A K Singh, DS & DG (LS), DRDO promised to co-operate perpetually with CRPF for further improvements in RAKSHITA-Bike.

In its endeavour to provide an impregnable internal security to the nation, CRPF is actively deployed across the country. Most of these deployments are in remote and inhospitable areas like LWE affected areas, North East etc. where evacuation of sick or battle injured personnel becomes a challenge. Many a times, late evacuation results in loss of precious lives of CRPF Bravehearts. To mitigate this, in 2018 CRPF approached INMAS with the idea of developing an ambulance on motor bikes which is frequently used by CRPF for patrolling in these theaters. INMAS promptly put up a team of scientists and experts to make the idea a reality. The team developed a prototype and improved it with the feedback from CRPF personnel deployed in disturbed areas.

Carefully custom built to the needs of emergency evacuation, RAKSHITA is built on a Royal Enfield Classic 350CC and comes with quick fit in and fit out casualty evacuation seat (CSE) that has customised design reclining, hand immobilizer and harness jacket, physiological parameter measuring equipment with monitoring capability and auto warning system for driver, dashboard mounted LCD for measuring vital parameters, air splint medical and oxygen kit, saline and oxygen administration on the move, adjustable footrest, and hand and foot strap for safety among others.

These equipment make RAKSHITA an on spot medical care and injured transport system which is not just indigenous and cost effective, but can also reach inaccessible or remote locations by traversing unmotorable roads, narrow streets, congested or unpaved roads that are otherwise inaccessible by the conventional four wheeled ambulances. 21 RAKSHITA bike ambulances were inducted into CRPF today.

