

05-02-2021  
NEW DELHI

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## List of Winners

| # | Service     | Idea / proposal  | Winner Name                     | Unit with command /Nodal Directorate       |
|---|-------------|--|---------------------------------|--|
| 1 | Indian Army | Wall Penetrating Radar   | Maj Anoop Mishra                | CME / HQ ARTRAC                            |
|   |             | Xploder – Unmanned IED Disposal ROV                                    | Capt Rajprasad RS               | CME / HQ ARTRAC                            |
|   |             | Tactical Infrared Illuminator (TIRIL)                                  | Lt Col Anant Bhatt              | MCTE / HQ ARTRAC                           |
|   |             | Autonomous Drone Based system to detect and mask mines & IEDs          | Capt. Vivek Ram HV              | 57 Engineer Regiment / HQ 2 Corps          |
|   |             | Tactical Surveillance and Reconnaissance System                        | Capt Rajprasad RS               | CME / HQ ARTRAC                            |
|   |             | Synthetic Training Environment: Augmented Reality in Military Training | Maj Vijendra Singh Chouhan      | NCPIT School (CBS) Bhaira                  |
| 2 | Indian Navy | Robotics in Maritime Applications                                      | Lt Deepak Kumar Suman (43645-T) | Trials Officer, GTTT (mbi), DNA            |
|   |             | Inspection of Pipelines and ventilation trunkings                      | Lt Cdr Alok Sahoo (42867 -Z)    | Senior Engineer Officer, INS Deepak, DNA   |
|   |             | Design and Development of portable contact system to mitigate          | Lt Cdr Mayank Sharma (06660-K)  | Diving Officer / Diving School Kochi, DSOD |

|          |                        |  |   |                                     |
|----------|------------------------|--|---|-------------------------------------|
|          |                        | <b>issue of gas poisoning amongst service personnel posted in high altitudes or working in confined spaces with insufficient ventilation</b> |   |                                     |
| <b>3</b> | <b>Indian Airforce</b> | <b>RPA (Remotely Piloted Vehicle) Range Extension</b>  | <b>Wing Commander PK Mishra (25151-G)</b>         | <b>23 Wing Air Force Station</b>    |
|          |                        | <b>Indigenous Design and Development of a Mobile Missile Testing Station</b>   | <b>Group Captain Pushpinder Kashyap (25482-H)</b> | <b>HQ South Western Air Command</b> |