



# Challenge Areas for Individual Category

1. *Anomaly and Point of Interest Detection in Streaming Data (No Prior Data Distribution)*
2. *Brain Computer Interface for Deciphering Intention*
3. *Compact Solid State based Non-Lethal Active Denial System (ADS)*
4. *Development of ML/AI Module for Rocket Motor Design*
5. *Innovative Applications of Blockchain*
6. *Large Metallic Object Proximity Detection using Permanent Magnet Array*
7. *Measures/Solutions of Internet Intervention in Emergency /Disaster/Civil Unrest/Critical Events/Situation*
8. *Non-Destructive Evaluations Technique(s) for Ceramics Matrix Composites*
9. *Space Debris Removal*
10. *Open Challenge: Exploring the Unthinkable and Unimaginable*